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## 1.0 Introduction

This document is a reference guide to MarkLogic Server and MarkLogic Application Services error and log messages. Message text is included for all errors. Possible causes and suggested responses are included for many messages.

### 1.1 Organization of This Book

Each product or product feature has a unique acronym that forms the beginning of its error codes. In this guide, messages are grouped by product/feature acronym, and then by error code within each group. The product/feature acronyms are described in this table:

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### FeatureId | Description
---|---
REST | MarkLogic REST API and `rest:*` functions
SEARCH | Search API, from the XQuery library module `search.xqy`
SEC | Security
SER | XML Serialization
SQL | SQL Data Modeling and ODBC interface
SSL | SSL API
SVC | Mark Logic Server service layer, usually related to OS or system and network protocol errors.
TEMPORAL | Temporal API
TDE | Template Driven Extraction
THSR | Thesaurus API
TRGR | Triggers
TS | Tiered Storage
VIEW | SQL Data Modeling
X509 | X.509 certificates, in support of SSL
XDMP | MarkLogic Server core
XI | XInclude modular document management
XSLT | XSLT transformation.

#### 1.1.1 Error Code
Each MarkLogic error message has a unique error code of the form:

\[ \text{featureId}-\text{errorId} \]

The `featureId` identifies the product or product feature related to the message. The `errorId` uniquely identifies the error within that product or product feature. Use the error code to quickly locate a message within this guide.

If the MarkLogic error code corresponds to an error condition defined by a related W3C standard, the standard’s error code is also listed.
1.1.2  Message Text
The message text in this guide is the text produced by MarkLogic, with symbolic names substituted for the dynamic, context-sensitive portions. The symbolic names are:

- variableN - A piece of dynamic information, generated at runtime. For example, the name of a database, the value of a configuration parameter, or a snippet of incorrect code.
- exception_stack - Related, cascading errors. Errors reported in the exception_stack often report the underlying problem that caused the most recently reported problem.

1.1.3  Cause
The Cause section for an error lists possible causes whenever possible. The root cause of an error is usually very context dependent, so the actual cause of your error may not be covered.

1.1.4  Response
The Response section for an error suggests possible solutions or things to check. The root cause of an error is usually very context dependent, so the actual best solution to your problem may not be covered.
2.0 ADMIN Messages

2.1 ADMIN-ALREADYREPLICA

Message Text
Forest variable1 is already a replica of forest variable2

Cause
This forest is already a replica.

Response
This forest is already a replica. You do not need to do anything.

2.2 ADMIN-ATTACHSHARDDISKFALLOVER

Message Text
Forest variable1 is configured for shared disk fail-over and can't be attached to a database which is configured for database replication.

Cause
Tried to attach a forest to a database that is configured for database replication and the forest is already configured for shared disk failover.

Response
Either remove shared disk failover and use the forest for database replication or use a different forest for database replication.

2.3 ADMIN-BADCERTTEMPLATE

Message Text
'variable1' is not a valid certificate template id

Cause
Specified SSL certificate template is not valid.

Response
Specify a valid SSL certificate template id. You can use functions like pki:template-get-id and pki:get-template-by-name to get the correct template id.
2.4  ADMIN-BADCUSTOMFIELD

**Message Text**
Bad field for custom tokenization: the word field may not have tokenizer overrides

**Cause**
Tokenizer overrides are only allowed on named fields.

**Response**
Apply the override to a named field.

2.5  ADMIN-BADFIELDTYPE

**Message Text**
Incorrect field: The field `variable1` already has a field-path.

**Cause**
Setting include-document-root is not allowed on path-fields.

**Response**
Do not set include-root on the field.

2.6  ADMIN-BADOVERRIDE

**Message Text**
Bad tokenizer override: override of `variable1` to `variable2` is invalid

**Cause**
The override character consists of multiple codepoints, or codepoints in the surrogate character range, or codepoints that are combining characters (Unicode Mn).

**Response**
Choose a different override character.

2.7  ADMIN-BADPATH

**Message Text**
Path expression `variable1` is not indexable.
**Cause**  
One or more of the index path expressions have incorrect XPath syntax.

**Response**  
Make sure that only allowed XPath syntax is used in the index path expressions.

2.8 **ADMIN-BADPATHFIELDTYPE**

**Message Text**  
Incorrect field: the field variable1 already has include-root.

**Cause**  
Setting field-paths is not allowed on non-path-fields.

**Response**  
Do not set field-paths on the field.

2.9 **ADMIN-BADPATHNAMESPACE**

**Message Text**  
Undefined path namespace(s): variable1.

**Cause**  
One or more of the namespace prefixes used in index path expression are not defined.

**Response**  
Define all the path namespaces before using them in index path expressions.

2.10 **ADMIN-BADPATHWEIGHT**

**Message Text**  
Negative path weight variable1 is not allowed.

**Cause**  
One or more of the index paths have negative weight.

**Response**  
Make sure that all index paths have zero or positive weights.
2.11 ADMIN-CANNOTCHANGEPORT

Message Text
Cannot change port of remote host

2.12 ADMIN-CANNOTRETIRE

Message Text
Forest $variable1$ is $variable2$.

Cause
Forests that are read-only or offline cannot be retired.

Response
Forests that are read-only or offline cannot be retired. Select a different forest.

2.13 ADMIN-CLUSTERUNIQ

Message Text
Foreign Cluster IDs have to be unique.

Cause
Tried to couple a foreign cluster which is already coupled.

Response
Decouple the foreign cluster before coupling with it again.

2.14 ADMIN-CONFIGNOTSAVED

Message Text
Configuration must be saved before $variable1$

Cause
Configuration is not saved.

Response
Save configuration prior to the error point.
2.15  ADMIN-CONFLICTFAILOVER

Message Text
Cannot configure both failover hosts and forest replicas on the same forest

Cause
Tried to enable local disk and shared disk failover on the same forest.

Response
MarkLogic does not support local disk failover and shared disk failover simultaneously on the same forest. You must choose only one of the two options.

2.16  ADMIN-CONFLICTINGELEMENTS

Message Text
Cannot have included and excluded elements with same QName and attribute constraints

Cause
Cannot have included and excluded elements with same QName and attribute constraints.

Response
An element with attribute constraint can be included or excluded, but not both.

2.17  ADMIN-DATABASEDUPREPLICA

Message Text
Database has duplicate foreign replica databases: variable1

Cause
Local master database might have already been attached to the foreign replica database that you are trying to attach to.

Response
Remove database replication configuration on both master and replica.

2.18  ADMIN-DATABASEFORESTATTACHED

Message Text
Forest variable1 is attached to a database
Cause
Attempted to attach to a different database a forest that is already attached to a database.

Response
Look in the Admin UI to see what database has the forest attached and take appropriate actions.

2.19 ADMIN-DATABASEFORESTNOTATTACHED

Message Text
Forest variable1 is not attached to database variable2

2.20 ADMIN-DATABASEINUSE

Message Text
variable1

Cause
Attempted to delete a database that has in flight transactions.

Response
Wait for the in flight transactions to finish, then retry.

2.21 ADMIN-DATABASEMASTERANDREPLICA

Message Text
Cannot configure database as both master and replica: variable1

Cause
Cannot configure database as both master and replica.

Response
Configure database as either a master or a replica.

2.22 ADMIN-DBNOTQUERYPOLICY

Message Text
Assignment policy is not a query policy, on database: variable1
Cause
The assignment policy on the database is not a query policy.

Response
Check your database configuration and make sure it uses the query policy before calling this function.

2.23 ADMIN-DBNOTRANGEPOLICY

Message Text
Assignment policy is not a range policy, on database: variable1

Cause
The assignment policy on the database is not a range policy.

Response
Check your database configuration and make sure it uses the range policy before calling this function.

2.24 ADMIN-DBREPLAGLIMIT

Message Text
Database replication lag limit must be at least 5 seconds: variable1

Cause
Tried to set the lag limit for database replication to any value less than 5.

Response
Set the lag limit on database replication to at least 5

2.25 ADMIN-DBREPQUEUESIZE

Message Text
Database replication queue size must be in the range 1:1000: variable1

Cause
Tried to set the queue size for database replication to an invalid value.
Response
Set the queue size for database replication to a value in the range 1:1000

2.26  ADMIN-DBREPSCHEMADBSAMEASDB

Message Text
Cannot setup replication for a database \(variable1\) whose schema database is itself.

Cause
Tried to setup database replication for a database whose schema database is itself.

Response
Do not attempt to setup database replication for a database whose schema database is itself.

2.27  ADMIN-DELETEMASTERTOO

Message Text
Cannot delete replica forest \(variable1\) unless it is detached from its master

Cause
Cannot delete a replica forest unless it is detached from its master.

Response
Detach the replica forest from its master and try again.

2.28  ADMIN-DELETEREPPLICATOO

Message Text
Cannot delete forest \(variable1\) unless replica forest \(variable2\) is detached or also deleted

Cause
Cannot delete forest unless its replica forest \(variable2\) is detached or also deleted.

Response
Detach or delete replica forest.
2.29 ADMIN-DEPENDINGSCHEDEULDTASKS

**Message Text**
There are depend tasks on the host or the associated group. Delete those first before moving host *variable1* to a new group.

**Cause**
Tried to move a host from one group to another without first deleting that host's existing schedule tasks.

**Response**
Delete the scheduled tasks on a host before you change the group on that host.

2.30 ADMIN-DUPLICATECONFIGITEM

**Message Text**
Database resource 'variable2' already contains 'variable1'

**Cause**
Config item already exists.

**Response**
Check that this was really the item you wanted to duplicate, otherwise do not duplicate it in the configuration.

2.31 ADMIN-DUPLICATEITEM

**Message Text**
*variable1* already exists

**Cause**
Item already exists.

**Response**
Item already exists.
2.32 ADMIN-DUPLICATENAME

Message Text
variable1 already exists

Cause
Name already exists.

Response
Use a different name.

2.33 ADMIN-DUPLICATESCHEDULEDTASKIDS

Message Text
Duplicate scheduled task ids.: %s

Cause
Tried to configure a group with multiple scheduled tasks with the same ID.

Response
Do not try to add the same task more than once.

2.34 ADMIN-EMPTYEXTERNALSECURITY

Message Text
If internal security is disabled, an external security must be specified.

Cause
Both internal security and external security are not set

Response
Either enable internal security or specify an external security.

2.35 ADMIN-EMPTYNSPREFIX

Message Text
Namespace prefix must not be empty.
**Cause**
Namespace prefix must not be empty.

**Response**
Empty ns prefix is not allowed. Use a non-empty prefix.

**2.36 ADMIN-EMPTYNSURI**

**Message Text**
Namespace uri must not be empty.

**Cause**
Namespace uri must not be empty.

**Response**
Empty ns uri is not allowed. Use a legal uri.

**2.37 ADMIN-EMPTYPATH**

**Message Text**
Empty path on a field is not allowed.

**Cause**
One or more of the index paths are empty strings.

**Response**
Make sure that all index paths are valid indexable paths.

**2.38 ADMIN-ENCRYPTIONDISABLED**

**Message Text**
One or more encryption key IDs are invalid or do not exist in the Keystore Management System.

**Cause**
Cannot validate the key encryption key provided

**Response**
Verify your key encryption keys and try again
2.39  ADMIN-FAILOVERANDBREP

Message Text
Forest variable1 is attached to a database which is enabled for database replication. Both can't be configured at the same time.

Cause
Tried to configure a forest for failover when the same forest is already configured for database replication.

Response
You can release the forest from database replication configuration or use a different forest for failover. You cannot use the same forest for both of these.

2.40  ADMIN-FAILOVERANDFORESTOVERRIDE

Message Text
Forest variable1 has a forest override and can not be configured for shared disk fail-over.

Cause
Tried to enable shared disk failover on a forest already configured for DB replication.

Response
MarkLogic does not support DB replication combined with shared disk failover at this time. Try using local disk failover with DB replication.

2.41  ADMIN-FIPSANDTLS

Message Text
When fips is enabled, "xdqp ssl allow tls" cannot be set to false.

2.42  ADMIN-FOREIGNCLUSTERDEPENDENCIES

Message Text
Foreign cluster variable1 can not be deleted as there are database replication dependencies. Delete replication settings for foreign replica and foreign master databases first.

Cause
There might be an existing database replication configuration with the foreign database being in the cluster you are trying to delete.
Response
Delete database replication with all the databases which are in the foreign cluster that you want to delete.

2.43  ADMIN-FOREIGNDATABASESDEPENDENCIES

Message Text
Foreign cluster variable1 can not be deleted as there are foreign database dependencies. Delete foreign databases for this cluster first.

Cause
Foreign cluster has foreign database dependencies.

Response
Delete the foreign databases dependencies for this cluster then try again.

2.44  ADMIN-FOREIGNDBEXISTS

Message Text
Foreign db already exists variable1

Cause
The foreign db is already in this database.

Response
Correct your code so that you don't re-add the foreign db.

2.45  ADMIN-FOREIGNDBITSELF

Message Text
Cannot add itself as foreign db variable1

Cause
A database tries to add itself as its foreign database.

Response
Choose a database in a different cluster to be the foreign database.
2.46  ADMIN-FOREIGNMASTDERDEPENDENCIES

**Message Text**
Foreign master configuration can not be deleted for database *variable1* as there are forest overrides. Delete foreign master forest overrides first.

**Cause**
Foreign master configuration can not be deleted for the database as there are forest overrides.

**Response**
Delete foreign master forest overrides and try again.

2.47  ADMIN-FOREIGNMASTERINVALIDCLUSTERID

**Message Text**
Invalid foreign cluster id *variable1* specified in foreign master configuration. Cluster is unknown.

**Cause**
Cannot find foreign cluster by that id.

**Response**
Check foreign cluster id for misspelling and that the cluster was created and try again.

2.48  ADMIN-FOREIGNMASTERNODBSETTINGS

**Message Text**
No foreign master settings for database *variable1* configured.

2.49  ADMIN-FOREIGNMASTERWRONGDATABASEID

**Message Text**
Invalid foreign database id. Foreign database for forest override should be *variable1*.

2.50  ADMIN-FOREIGNREPICAINVALID

**Message Text**
Can not override forest mapping. Check database replication settings on the database level. Verify foreign database id and foreign cluster id.
2.51 ADMIN-FOREIGNREPLICADEPENDENCIES

Message Text
Foreign replica configuration can not be deleted for database variable1 as there are forest overrides. Delete foreign replica forest overrides first.

Cause
When you configure database replication, you can either let the forests map by their names or hand pick the forests on the master and replica and map them. The latter method is nothing but configuring forest overrides. This error is seen when you configure database replication with forest overrides and later try to remove the database replication configuration without removing the forest mapping.

Response
Remove the forest overrides, i.e. remove mappings between master and replica forests that were hand picked while configuring, and then try to remove database replication configuration again.

2.52 ADMIN-FOREIGNREPLICAINVALIDCLUSTERID

Message Text
At least one invalid cluster id specified in foreign replica configuration. Cluster variable1 is unknown.

Cause
The cluster id you have provided for the foreign replica database is not recognized, possibly because the local and remote clusters are not coupled yet.

Response
Check whether the foreign cluster is coupled with the local cluster and try again.

2.53 ADMIN-FORESTDISABLED

Message Text
Forest variable1 is currently disabled

2.54 ADMIN-FORESTDUPREPLICA

Message Text
Forest has duplicate foreign replica database forests: variable1
2.55 ADMIN-FORESTHASOVERRIDE

Message Text
Forest variable1 has manual forest override for database replication. First delete foreign replicas or foreign master settings for this forest.

2.56 ADMIN-FORESTMASTERANDREPLICA

Message Text
Cannot configure forest as both master and replica: variable1

2.57 ADMIN-FORESTNOTATTACHED

Message Text
Forest variable1 is not attached to a database.

2.58 ADMIN-FORESTOFFLINE

Message Text
Forest variable1 is currently offline

2.59 ADMIN-FORESTSNOTMATCH

Message Text
The number of forests doesn't match what the database currently has.

Cause
The number of forests passed in doesn't match the number of forests the database currently has.

Response
Correct your code.

2.60 ADMIN-FORESTUNMOUNTED

Message Text
Forest variable1 is currently unmounted
2.61 ADMIN-ILLEGALNSPREFIX

Message Text
Namespace prefix "xml" is reserved, Try different prefix.

Cause
Namespace prefix "xml" is reserved. It cannot be re-defined.

Response
"xml" is a reserved namespace prefix. Try different prefix.

2.62 ADMIN-INVALIDAUTHENTICATION

Message Text
If an external security is specified, authentication must be either application-level, basic, certificate or kerberos-ticket.

2.63 ADMIN-INVALIDBACKGROUNDIOLIMIT

Message Text
Invalid background IO limit: variable1

Cause
Attempted to set an invalid background IO limit for a host

Response
Choose a valid background IO limit.

2.64 ADMIN-INVALIDCONFIG

Message Text
Invalid configuration: variable1

Cause
Attempted to save a configuration with invalid structure or elements.

Response
Examine the configuration to find invalid elements. Consider using functions that create the elements you are trying to add.
2.65 ADMIN-INVALIDDBREPDELETE

Message Text
Deleting database replication configuration failed related to mismatch of foreign-replica elements.

2.66 ADMIN-INVALIDDBREPTYPE

Message Text
Invalid database-replication type.

2.67 ADMIN-INVALIDFAILOVERHOST

Message Text
The primary and failover host can not be identical for forest variable1.

Cause
Tried to use same d-node as both primary and failover host for a shared disk failover enabled forest.

Response
When you enable shared disk failover on a forest, the primary and failover hosts need to be different d-nodes in the cluster.

2.68 ADMIN-INVALIDFIELDNAME

Message Text
Field name cannot be empty

Cause
User has defined a field with an empty field name.

Response
Add a field name to the field definition.

2.69 ADMIN-INVALIDHOST

Message Text
Host id is not valid
Cause
Invalid host id.

Response
Check host id for misspellings and that it was created and try again.

2.70 ADMIN-INVALIDKEYID

Message Text
Key with ID "variable1" does not exist in the Keystore Management System or cannot be used. variable2

2.71 ADMIN-INVALIDKEYSTORECONFIG

Message Text
The Keystore configuration is incorrect

Cause
There was an error while initializing the keystore

Response
Look at the logs for details on the error

2.72 ADMIN-INVALIDPERIODNAME

Message Text
Period name cannot be empty

Cause
User has defined a period with an empty period name.

Response
Add an period name to the period definition.

2.73 ADMIN-INVALIDPORT

Message Text
Port variable1 is not valid or bindable
Cause
Port is invalid or not bindable.

Response
Check port for correct number and bindable status and try again.

2.74 ADMIN-INVALIDPROTOCOL

Message Text
Invalid Protocol: variable1. It must be either SSLv3, TLSv1, TSLv1_1 or TLSv1_2.

2.75 ADMIN-JAPASSPHRASENOTALLOWED

Message Text
A backup passphrase cannot be used in combination with journal archiving.

Cause
Journal archiving is set to true and passphrase is not empty

Response
Remove the passphrase or journal archiving option

2.76 ADMIN-JOURNALARCHIVEAUXDB

Message Text
Cannot specify auxiliary databases when enabling journal archiving.

Cause
Error occurs when you do a scheduled backup using admin apis, and you pass true as the value for both auxiliary databases and journal archiving.

Response
When doing a scheduled backup, select either journal archiving or auxiliary database as true, not both.

2.77 ADMIN-KERBEROSAUTHENTICATION

Message Text
If authentication is kerberos-ticket, the protocol in external security must be kerberos.
2.78  **ADMIN-KERBEROSTICKET**

**Message Text**
If authentication is kerberos-ticket, internal security must be disabled.

2.79  **ADMIN-LICKEYREPL**

**Message Text**
License key not valid for replication for host `variable1`

**Cause**
The license key you are using with the server is not valid to use for the database replication feature.

**Response**
Get a valid license and update the server with the new license key.

2.80  **ADMIN-LOCALASFOREIGN**

**Message Text**
Local cluster (`variable1`) can't be a foreign cluster.

**Cause**
Tried to couple local cluster with itself.

**Response**
Check the hostname you provided while coupling the cluster. It should not be a host on the same cluster.

2.81  **ADMIN-MINVERSIONREQUIRED**

**Message Text**
`variable1` cannot be used until the cluster is upgraded to effective version `variable2`.

**Cause**
The cluster has not been upgraded

**Response**
Complete the upgrade process
2.82 ADMIN-NOBOOTSTRAPHOSTCONFIGURED

**Message Text**
No bootstrap host configured on this cluster.

**2.83 ADMIN-NOBOOTSTRAPHOSTONLINE**

**Message Text**
No bootstrap host online.

**Cause**
No bootstrap host online.

**Response**
Check bootstrap host for being online, its id for misspellings, and that it was created and try again.

2.84 ADMIN-NOFOREIGNCLUSTER

**Message Text**
No foreign cluster with name variable1 found.

**Cause**
Could not find a foreign cluster with that name.

**Response**
Check foreign cluster for misspelling and that it was created and try again.

2.85 ADMIN-NOFOREIGNDB

**Message Text**
No foreign db variable1

**Cause**
Foreign db does not exist.

**Response**
Check for existence of foreign db (spelling, creation, etc.) and try again.
2.86  ADMIN-NOFOREIGNREPLICA

Message Text
No foreign replica database for database variable1 configured.

Cause
Tried to access foreign replica database attached to local master database, such as trying to delete
the foreign replica.

Response
Remove stale database replication configuration (if any) and re-attach the foreign replica
database.

2.87  ADMIN-NONEMPTYGROUP

Message Text
Group variable1 must have no assigned hosts before deleting

2.88  ADMIN-NOREPLCHAIN

Message Text
Replicas may not be chained: variable1

2.89  ADMIN-NOSUCHAPPSERVER

Message Text
No such appserver variable1

Cause
Appserver does not exist.

Response
Check appserver for misspellings and that it was created and try again.

2.90  ADMIN-NOSUCHDATABASE

Message Text
No such database variable1
Cause
Database does not exist.

Response
Check database for misspellings and that it was created and try again.

2.91 ADMIN-NOSUCHEXTERNALSECURITY

Message Text
No such external security variable1

Cause
External security does not exist

Response
Check external security and try again.

2.92 ADMIN-NOSUCHFIELD

Message Text
No such database field variable1

Cause
Database field does not exist.

Response
Check database field name for misspelling and that it was created in the database and try again.

2.93 ADMIN-NOSUCHFOREIGNCLUSTER

Message Text
No such foreign cluster variable1

Cause
Foreign cluster does not exist.

Response
Check foreign cluster for misspelling and that it was created and try again.
2.94  **ADMIN-NOSUCHFOREST**

**Message Text**
No such forest `variable1`

**Cause**
Forest does not exist.

**Response**
Check forest name for misspelling and that it was created and try again.

2.95  **ADMIN-NOSUCHGROUP**

**Message Text**
No such group `variable1`

**Cause**
Group does not exist.

**Response**
Check group and try again.

2.96  **ADMIN-NOSUCHHOST**

**Message Text**
No such host `variable1`

**Cause**
Host does not exist.

**Response**
Check host name for misspelling and that it was created and try again.

2.97  **ADMIN-NOSUCHITEM**

**Message Text**
`variable1` does not exist: `variable2`
Cause
Item does not exist.

Response
Check item for misspelling and that it was created and try again.

2.98 ADMIN-NOSUCHPERIOD

Message Text
No such database period variable1

Cause
Database period does not exist.

Response
Check database period id for misspelling and that it was created in the database and try again.

2.99 ADMIN-NOSUCHPRIVILEGE

Message Text
No such privilege variable1

Cause
Privilege does not exist.

Response
Check privilege for misspelling and that it was created and try again.

2.100 ADMIN-NOSUCHUSER

Message Text
No such user variable1

Cause
User does not exist

Response
Check user and try again.
2.101 ADMIN-NOTRANGEPOLICY

Message Text
The assignment policy passed in is not a range policy.

Cause
The assignment policy passed in is not a range policy.

Response
Correct your code so that you only pass in a range assignment policy to this function.

2.102 ADMIN-NOTREPLICA

Message Text
Forest variable1 is not a replica

Cause
This forest is not a replica.

Response
Retry operation on a replica forest.

2.103 ADMIN-NOTRIGGERDB

Message Text
No triggers database

2.104 ADMIN-PATHFIELDNOPATHS

Message Text
Invalid field change: Illegal to delete all paths on the field variable1.

Cause
A path field must have at least one field-path.

Response
Do not delete all the field-paths on the path field.
2.105 ADMIN-PATHNAMESPACEINUSE

**Message Text**
In-use database path namespaces cannot be deleted.: `variable1`

**Cause**
One or more of the path namespaces that are being deleted are in use in some index path expressions.

**Response**
Make sure that only those path namespaces are being deleted that are not in use by any path index.

2.106 ADMIN-PORTINUSE

**Message Text**
Port is currently in use

**Cause**
Port is currently in use.

**Response**
Try a different port.

2.107 ADMIN-PRIVATEFOREST

**Message Text**
Forest `variable1` is private and cannot change hosts

**Cause**
Tried to change primary host of a private forest.

**Response**
Primary host can be changed only for public forests. You need to convert a private forest to public forest before you can change the primary host. Refer to the Failover guide for instructions on how to do this.
2.108 ADMIN-REDEFINEDNSPREFIX

**Message Text**
Namespace prefix must not be bound to two different uris.

**Cause**
Namespace prefix is already bound to another uri.

**Response**
Namespace prefix cannot be bound to two different uris. Use a different prefix or delete the earlier definition.

2.109 ADMIN-REUNDANDOMOVERRIDE

**Message Text**
Redundant tokenizer override: variable1 is already in class variable2

**Cause**
The override character is already in the given class.

**Response**
Do not add the override; it is not necessary.

2.110 ADMIN-REPLICAFORESTSAMEHOST

**Message Text**
Replica forest may not be on the same host as its master: variable1 variable2

**Cause**
Replica forest may not be on the same host as its master.

**Response**
Move replica forest to a different host than its master.

2.111 ADMIN-SOMEFORESTSRetriRED

**Message Text**
Cannot reorder the forests when some of them are retired.
Cause
Some forests in the database are marked as retired.

Response
Detach those retired forests or correct your code.

2.112 ADMIN-SSLV3ORTLS

Message Text
both "xdqp ssl allow sslv3" and "xdqp ssl allow tls" cannot be set to false.
3.0 ALERT Messages

3.1 ALERT-BADCONFIG

Message Text
variable1 parameter is missing for configuration

3.2 ALERT-DELCFGDOMAINS

Message Text
Can not delete alerting config while CPF domains are associated. Use
alert:config-set-cpf-domain-names($config, ()) first.: variable1

Cause
Attempted to delete an alerting configuration that has CPF domains associated with it.

Response
Use to remove any CPF domain associations before deleting the config.

3.3 ALERT-DELCFGTRIGGERS

Message Text
Can not delete alerting config while triggers are associated. Use alert:config-set-trigger-ids($uri, () or alert:remove-triggers($uri) first.: variable1

Cause
Attempted to delete an alerting configuration that has trigger ids associated with it.

Response
If the triggers were created with then they should be removed with before deleting the config. If the triggers were created in some other way, the config should be disassociated from them with before deleting the config.

3.4 ALERT-DUPLICATECONFIGID

Message Text
Configuration appears twice: variable1
Response
Configuration id must be unique.

3.5 ALERT-EXISTCONFIG

Message Text
Attempting to overwrite existing configuration: variable1

3.6 ALERT-INVALIDACTION

Message Text
The action is not valid

Response
Check your code.

3.7 ALERT-INVALIDCONFIG

Message Text
The configuration is not valid

Response
Check your code.

3.8 ALERT-INVALIDINVOKEOPTIONS

Message Text
The options for invoke are not valid

Response
Check your code.

3.9 ALERT-INVALIDOPTIONS

Message Text
The options are not valid

Response
Check your code.
3.10 ALERT-INVALIDRULE

**Message Text**
The rule is not valid

**Response**
Check your code.

3.11 ALERT-INVALIDRULEACTION

**Message Text**
The action for this rule is not valid: \textit{variable1}

**Cause**
Invalid action for this rule.

**Response**
Check action for this rule and try again.

3.12 ALERT-INVALIDSPAWNOPTIONS

**Message Text**
The options for spawn are not valid

**Response**
Check your code.

3.13 ALERT-NORULE

**Message Text**
Rule does not exist: \textit{variable1}

3.14 ALERT-NOSUCHCONFIG

**Message Text**
Requesting nonexistent configuration: \textit{variable1}

**Cause**
Configuration does not exist.
Response
Check configuration id for misspelling and that it was created and try again.

3.15 ALERT-NOTRIGGERDB

Message Text
No triggers database is configured for the alerting database: no triggers database configured

Cause
No triggers database is configured for the alerting database.

Response
Configure a triggers database for the alerting database.

3.16 ALERT-RLEXISTS

Message Text
Rule already exists: variable1

3.17 ALERT-RULEPERMISSION

Message Text
User does not have permission to insert rule: variable1

3.18 ALERT-UNREMovableACTION

Message Text
Can not remove this action: variable1
4.0 CPF Messages

4.1 CPF-ACTIONEMPTY

Message Text
Execute action required

Cause
An execute element in a CPF pipeline was missing an action element. The action element is required.

Response
Add the missing action element.

4.2 CPF-ACTIONNOTFOUND

Message Text
Action not found: variable1

Cause
The module path in an action was empty. The module path needs to be the path of an XQuery module or XSLT stylesheet.

Response
Supply the missing module path in the action.

4.3 CPF-CONDITIONEMPTY

Message Text
Execute condition required

Cause
An execute element in a CPF pipeline was missing a condition element. The condition element is required.

Response
Add the missing condition element. If you want an unconditioned action, consider using the default-action instead.
4.4 CPF-CONFIGEXISTS

**Message Text**
Processing configuration already exists

**Cause**
`dom:configuration-create` was called to create a CPF configuration in the triggers database, but a configuration already exists there. There can be only one such configuration per triggers database. It may be that the triggers database is shared across multiple databases, and this initialization was already done.

**Response**
Do not call `dom:configuration-create` multiple times for the same triggers database.

4.5 CPF-CONFIGIDEMPTY

**Message Text**
Processing configuration id required

**Cause**
A CPF configuration was missing a unique ID.

**Response**
This should never happen. If it does, report the bug.

4.6 CPF-CONFIGNOTFOUND

**Message Text**
Processing configuration not found

**Cause**
`dom:configuration-get` could not find the CPF configuration.

**Response**
Make sure you are executing this function in the correct triggers database and that CPF has been installed.
4.7 CPF-DATABASEEMPTY

Message Text
Database required in execution context

Cause
The database in the execution context of a domain specification is missing.

Response
Fix the domain specification.

4.8 CPF-DATABASEINVALID

Message Text
Invalid database in execution context: variable1

Cause
The database id in the evaluation context of a domain specification does not match the id of any database.

Response
Provide a valid database ID in the evaluation context of the domain specification.

4.9 CPF-DEPTHEMPTY

Message Text
Depth required for directory domain scope

Cause
A directory scope on a domain specification lacks a depth element.

Response
Add a depth element to the scope specification.

4.10 CPF-DEPTHINVALID

Message Text
Invalid depth in directory domain scope: variable1
**Cause**
The depth element in the directory scope specification of a domain specification must be either "0", "1", or "infinity" but it is something else.

**Response**
Fix the depth specification.

### 4.11 CPF-DOCSCOPEEMPTY

**Message Text**
Document scope required in domain scope

**Cause**
A domain specification has an empty `document-scope` element. The `document-scope` must be present and must be "document", "directory", or "collection".

**Response**
Fix the broken `document-scope` element.

### 4.12 CPF-DOMAINEMPTY

**Message Text**
Default domain required

**Cause**
A CPF configuration specification is missing the `default-domain` element.

**Response**
Add the missing `default-domain` element.

### 4.13 CPF-DOMAINEXISTS

**Message Text**
Domain already exists: `variable1`

**Cause**
The CPF domain name specified already exists in the database.
Response
Choose a different name for the domain and try again.

4.14 CPF-DOMAINIDEMPTY

Message Text
Domain id required

Cause
A CPF domain specification is missing an domain-id element.

Response
This should not happen.

4.15 CPF-DOMAININVALID

Message Text
Invalid domain in configuration: variable1

Cause
The CPF configuration specifies a default domain that does not exist.

Response
Use a valid domain for the default-domain in the CPF configuration.

4.16 CPF-DOMAINNAMEEMPTY

Message Text
Domain name required

Cause
A domain specification is missing the domain-name element.

Response
Add the missing domain-name element.
4.17 CPF-DOMAINNOTFOUND

**Message Text**
Processing domain not found: *variable1*

**Cause**
A CPF domain with the given name or ID was not found.

**Response**
Make sure that the domain name or ID is correct and that the lookup is being executed against the correct triggers database.

4.18 CPF-LINKINVALID

**Message Text**
Link is invalid: *variable1*

**Cause**
An attempt was made to add a CPF link that had invalid attributes on it to a document.

**Response**
Ensure that the `from`, `to`, `rel`, `rev`, and `strength` attributes have values allowed by the schema for links. Ensure that the `from` and `to` attributes are not the same.

4.19 CPF-LINKNOTFOUND

**Message Text**
Link not found from *variable1* to *variable2*

**Cause**
The CPF link function `remove` was called to remove a link that did not exist.

**Response**
Modify your application to either avoid calling `remove` on links that do not exist, or to handle the error situation.
4.20 CPF-MODULEEMPTY

Message Text
Module required: variable1

Cause
A CPF action specification was missing the module element.

Response
Add the missing module element. An action must specify a valid module path.

4.21 CPF-NODEPTH

Message Text
Depth should not be specified in non-directory domain scope

Cause
A non-directory domain scope specification includes a depth element, which should not happen.

Response
Remove the depth element.

4.22 CPF-PIPELINEACTIONEMPTY

Message Text
Pipeline action required: variable1

Cause
A pipeline was missing the global success-action or failure-action.

Response
Add the missing elements to the pipeline.

4.23 CPF-PIPELINEEXISTS

Message Text
Pipeline already exists: variable1
**Cause**

An attempt was made to create a pipeline that has the same name as an already loaded pipeline. Pipeline names must be unique.

**Response**

Give the new pipeline a new name, remove the existing pipeline, or use the pipeline `insert` function rather than the pipeline `create` function.

4.24 CPF-PIPELINEIDEMPTY

**Message Text**

Pipeline id required

**Cause**

An attempt was made to insert a pipeline that had no pipeline-id element.

**Response**

This should not happen.

4.25 CPF-PIPELINEINVALID

**Message Text**

Pipeline is invalid: `variable1`

**Cause**

An attempt was made to insert a pipeline specification that is not valid per the pipeline schema.

**Response**

Ensure the pipeline specification is valid per the pipeline schema.

4.26 CPF-PipelineNameEmpty

**Message Text**

Pipeline name required

**Cause**

An attempt was made to insert a pipeline specification that did not have a pipeline name. The name is required.
Response
Make sure the pipeline specification has a name.

4.27 CPF-PIPELINENOTFOUND

Message Text
Processing pipeline not found: variable1

Cause
A pipeline specification with the given name or unique ID could not be found.

Response
Make sure that the lookup function is executed against the correct triggers database and that the name or ID is correct.

4.28 CPF-ROOTEMPTY

Message Text
Root required in execution context

Cause
The evaluation context of a CPF domain has an empty evaluation root specification. The root is required and must be a non-empty path.

Response
Correct the evaluation context specification by adding a root specification.

4.29 CPF-SCOPEINVALID

Message Text
Document scope in domain scope is invalid: variable1

Cause
A domain document-scope specification is not valid. It must be "document", "directory", or "collection".

Response
Fix the domain specification.
4.30 CPF-SCOPEURIEMPTY

Message Text
URI required in domain scope

Cause
A domain scope specification has an empty uri element. The uri element is required and must be non-empty.

Response
Provide a non-empty uri element.

4.31 CPF-STATEEMPTY

Message Text
Transition state required

Cause
A pipeline has a state transition specification with no state element. The state element is required.

Response
Fix the pipeline specification.

4.32 CPF-STATETRANSITIONDUP

Message Text
State transition already defined: variable1

Cause
A pipeline has more than one state transition for the same state.

Response
Combine the execute blocks for the multiple state transitions into a single state transition, or move one of the state transitions to a different pipeline. Add a priority to one of the state transitions if necessary.
4.33 CPF-STATUSEMPTY

Message Text
Transition status required

Cause
A pipeline has a status transition specification that lacks a status element. The status element is required.

Response
Add the status element to the status transition.

4.34 CPF-STATUSINVALID

Message Text
Processing status is invalid: variable1

Cause
An attempt was made to set the processing status to an invalid value. The value must be one of those defined in the schema: "active", "done", "created", "deleted", "updated", or "property-updated".

Response
Provide a valid processing status.

4.35 CPF-STATUSTRANSITIONDUP

Message Text
Status transition already defined: variable1

Cause
A pipeline has more than one status transition for the same status.

Response
Combine the execute blocks for the multiple status transitions into a single status transition, or move one of the status transitions to a different pipeline. Add a priority to one of the status transitions if necessary.
4.36 CPF-TRIGGERDBREQ

**Message Text**
A triggers database is required to install CPF for database: `variable1`

**Cause**
An attempt was made to install CPF on a database that has no triggers database configured. CPF requires a triggers database in order to function.

**Response**
Define a triggers database for the database you want to install CPF on.

4.37 CPF-TRIGGEREMPTY

**Message Text**
Domain trigger required: `variable1`

**Cause**
Something went wrong in creating a domain and one or more of the triggers that should have been created are missing.

**Response**
This should never happen.

4.38 CPF-USEREMPTY

**Message Text**
Processing user required

**Cause**
A CPF configuration was created with no restart-user specified.

**Response**
This should never happen.
5.0 DBG Messages

5.1 DBG-ATTACHED

Message Text
Request already attached: variable1

Cause
An attempt was made to attach a request which had already been attached.

Response
Retry the operation after the request has been detached.

5.2 DBG-CONNECTED

Message Text
Server already connected for debugging: variable1

Cause
An attempt was made to connect to the server for debugging when the server was already being debugged.

Response
Retry the operation after the server is disconnected for debugging.

5.3 DBG-DEBUGALLOW

Message Text
Debugging not enabled on server

Cause
Debugging is not enabled on the app server.

Response
To attach the debugger to an app server request, you need to set the debug allow option to true on that app server.
5.4 DBG-DEBUGTASKS

**Message Text**
Task Server exceeded maximum number of debug tasks: \textit{variable1}

**Cause**
All the threads allocated for debugging on Task Server are currently in use.

**Response**
You can wait for the current request to finish and try again. You can also detach the existing requests stopped for debugging using \texttt{dbg:detach}. Another option is to increase the number of allocated threads for debugging by changing the \texttt{debug threads} option on the task server. This will cause a server restart and changes will only become effective after the restart.

5.5 DBG-DISCONNECTED

**Message Text**
Server not connected for debugging: \textit{variable1}

**Cause**
An attempt was made to disconnect to the server for debugging when it was not connected.

**Response**
Ignore the error if the intended outcome is to disconnect from the server for debugging.

5.6 DBG-EVALERROR

**Message Text**
No return value. Evaluation encountered an error.

5.7 DBG-EXPRDNE

**Message Text**
Expression not found: \textit{variable1}

**Cause**
No expression is found matching the request id and expression id passed to \texttt{dbg:expr}. 
Response
Make sure that the request id and expression id passed to \texttt{dbg:expr} are correct.

5.8 DBG-EXPREND

Message Text
Debugger not stopped at end of an expression

5.9 DBG-EXPRONLY

Message Text
dbg:value only accepts simple expressions

5.10 DBG-FUNCTIONDNE

Message Text
Function not found: \texttt{variable1}

Cause
This error no longer exists in the code.

Response
see above.

5.11 DBG-LINE

Message Text
Line number greater than lines in module

5.12 DBG-MODULEDNE

Message Text
Module not found: \texttt{variable1}

Cause
No module is found at the module URI specified in \texttt{dbg:line} call.

Response
Make sure that the module URI points to a valid module.
5.13  DBG-MULTISTMT

Message Text
Cannot evaluate multi-statement request

5.14  DBG-NOBREAKPOINT

Message Text
No breakpoint at expression: variable1

Cause
An attempt was made to clear a non-existent breakpoint.

Response
Check the request and expression ids specified for the clear call.

5.15  DBG-NODEBUGGER

Message Text
Request not being debugged: variable1

5.16  DBG-NOTSTOPPED

Message Text
Request not stopped: variable1

Cause
An attempt was made to set a breakpoint for a request that had not been stopped.

Response
Make sure to stop the request before setting the breakpoint.

5.17  DBG-REQUESTRECORD

Message Text
Request record not found: variable1
5.18 DBG-SAMESTM

Message Text
Cannot evaluate same-statement isolation for debugging

5.19 DBG-SELFFATTACH

Message Text
A request may not attach to itself for debugging: variable1

5.20 DBG-TASKDEBUGALLOW

Message Text
Debugging not enabled task server

Cause
debug allow option on task server is set to false.

Response
Set the debug allow option on task server to true and try again.
6.0 DHF Messages

6.1 DHF-CANTOPENCONFIG

Message Text
Can't open converter config file. variable1

6.2 DHF-ERROR_ABORT_BY_USER

Message Text
Conversion aborted by user. variable1

6.3 DHF-ERROR_CANT_DETECTED_FILE

Message Text
File cannot be detected. variable1

6.4 DHF-ERROR_CANT_INITIALIZE

Message Text
Error reading initialization data. variable1

6.5 DHF-ERROR_FAILED

Message Text
Conversion failed. variable1

6.6 DHF-ERROR_FILE_CANT_CREATE

Message Text
File cannot be created. variable1

6.7 DHF-ERROR_FILE_CANT_ERASE

Message Text
File cannot be erased. variable1
6.8 DHF-ERROR_FILE_CANT_OPEN

Message Text
File cannot be opened. variable1

6.9 DHF-ERROR_FILE_CANT_READ

Message Text
File cannot be read. variable1

6.10 DHF-ERROR_FILE_CANT_WRITE

Message Text
File cannot be written. variable1

6.11 DHF-ERROR_FILE_NOT_FOUND

Message Text
File cannot be found. variable1

Cause
File cannot be found.

Response
Check file location and try again.

6.12 DHF-ERROR_HYPERLINK_FILE_CANT_DETETECTED

Message Text
Hyperlink file cannot be detected. variable1

6.13 DHF-ERROR_HYPERLINK_FILE_INVALID

Message Text
Invalid hyperlink file. variable1
6.14 DHF-ERROR_HYPERLINK_FILE_LICENSE_NOT_SUPPORT

Message Text
No license for hyperlink file. variable1

6.15 DHF-ERROR_HYPERLINK_FILE_NO_VALID_DATA

Message Text
No valid data in hyperlink file. variable1

6.16 DHF-ERROR_HYPERLINK_FILE_PROTECTED_BY_PASSWORD

Message Text
Hyperlink file protected by password. variable1

6.17 DHF-ERROR_INVALID_FILE

Message Text
Invalid file. variable1

6.18 DHF-ERROR_INVALID_PARAMETER

Message Text
Invalid parameter. variable1

6.19 DHF-ERROR_LANGUAGE_NOT_SUPPORT

Message Text
Language not supported. variable1

6.20 DHF-ERROR_LICENSE_FILE_NOT_FOUND

Message Text
License file cannot be found. variable1

6.21 DHF-ERROR_LICENSE_NOT_SUPPORT

Message Text
Unlicensed file type. variable1
6.22 DHF-ERROR_MEMORY_NOT_ENOUGH

Message Text
Insufficient memory. variable1

6.23 DHF-ERROR_NO_VALID_DATA

Message Text
No valid data in file. variable1

6.24 DHF-ERROR_OTHER_PROBLEM

Message Text
Unknown problem in conversion. variable1

6.25 DHF-ERROR_PROTECTED_BY_PASSWORD

Message Text
File protected by password. variable1

6.26 DHF-ERROR_R_DLL_FUNC_CLOSE_NOT_FOUND

Message Text
Function 'close' cannot be found in library. variable1

6.27 DHF-ERROR_R_DLL_FUNC_GETOBJECT_NOT_FOUND

Message Text
Function 'getobject' cannot be found in library. variable1

6.28 DHF-ERROR_R_DLL_FUNC_OPEN_NOT_FOUND

Message Text
Function 'open' cannot be found in library. variable1

6.29 DHF-ERROR_R_DLL_LOAD_FAILED

Message Text
Fail to load library for reading: unsupported document type. variable1
6.30 DHF-ERROR_SHEET_OUT_OF_RANGE

Message Text
Sheet number out of range. variable1

6.31 DHF-ERROR_SLIDE_OUT_OF_RANGE

Message Text
Slide number out of range. variable1

6.32 DHF-ERROR_STOPPED_BY_LINK_FILE

Message Text
Abort by error caused by link file. variable1

6.33 DHF-ERROR_STOPPED_BY_OLE

Message Text
Abort by error caused by OLE. variable1

6.34 DHF-ERROR_SUCCESS

Message Text
Conversion failed for unknown reason. variable1

6.35 DHF-ERROR_SYSTEM

Message Text
System error. variable1

6.36 DHF-ERROR_TIME_OUT

Message Text
License out of date. variable1

6.37 DHF-ERROR_W_DLL_FUNC_CLOSE_NOT_FOUND

Message Text
Function 'close' cannot be found in library. variable1
6.38 DHF-ERROR_W_DLL_FUNC_OPEN_NOT_FOUND

Message Text
Function 'open' cannot be found in library. \textit{variable1}

6.39 DHF-ERROR_W_DLL_FUNC_PUTOBJECT_NOT_FOUND

Message Text
Function 'putobject' cannot be found in library. \textit{variable1}

6.40 DHF-ERROR_W_DLL_LOAD_FAILED

Message Text
Failed to load library for writing. \textit{variable1}

6.41 DHF-FAILED

Message Text
Conversion failed due to abnormal process termination. \textit{variable1}

6.42 DHF-INVALIDCONFIG

Message Text
Converter has invalid config file. \textit{variable1}

6.43 DHF-INVFILE

Message Text
The file you are trying to convert is not in the right format. \textit{variable1}

6.44 DHF-LICKEYEXP

Message Text
Converter license key expired. \textit{variable1}

6.45 DHF-LICKEYINV

Message Text
Converter license key invalid. \textit{variable1}
6.46  DHF-PARAMTOOLONG

Message Text
Parameter too long. You probably have a very long path or filename, try shortening it. variable1

6.47  DHF-TOOFEWARGS

Message Text
Too few arguments to converter. variable1

6.48  DHF-TYPEMISMATCH

Message Text
Unsupported file type or version. variable1

6.49  DHF-WIN32EXCEPTION

Message Text
Conversion failed due to WIN32 exception. variable1
7.0 DLS Messages

7.1 DLS-CHECKEDOUT

Message Text
Document variable1 cannot be changed when checked out

Cause
Attempt made to update a managed document that is currently checked out by another user.

Response
Wait for the document to be checked back into Library Services and check out before updating.

7.2 DLS-CHECKOUTCONFLICT

Message Text
variable1 has a conflicting checkout

Cause
Attempt made to check out a document that has already been checked out by another user.

Response
Wait for the document to be checked back into Library Services before checking out.

7.3 DLS-DELETEVERSION

Message Text
Cannot delete the latest version variable1 of document variable2

Cause
An attempt was made to delete a document's latest version.

Response
Avoid deleting a document's latest version.
7.4 DLS-DOCUMENTVERSION

**Message Text**
Cannot update or checkout document version \textit{variable1}

**Cause**
An attempt was made to check out or update a document that is already checked out by another user.

**Response**
Wait for the document to be checked back in.

7.5 DLS-DUPLICATERULE

**Message Text**
\textit{variable1} already exists as a retention rule name

**Cause**
Attempt was made to insert a retention rule with the same name as an existing retention rule.

**Response**
Use a different name for the retention rule.

7.6 DLS-EMPTYRULE

**Message Text**
Cannot have empty retention rule

**Cause**
Attempt made to create a retention rule without a document query.

**Response**
Add a document query to the retention rule.

7.7 DLS-INVALIDVERSION

**Message Text**
\textit{variable1} has no version number \textit{variable2}
**Cause**
Attempt to return a non-existent version of a managed document.

**Response**
Use `dls:document-version-uris` to determine the available versions of the document and retry using a valid version.

### 7.8 DLS-MANAGED

**Message Text**
variable1 is already a managed document

**Cause**
Attempt was made to place a managed document under managed version control.

**Response**
Treat the document as a managed document or use `dls:document-unmanage` to remove the document from management.

### 7.9 DLS-NOREFVERSION

**Message Text**
no version exists for query variable1

**Cause**
An attempt was made to query for a version of a document that does not exist.

**Response**
Use `dls:document-history` to return the version history of the document, then retry the query for an existing version of the document.

### 7.10 DLS-NOSUCHRULE

**Message Text**
retention rule variable1 does not exist

**Cause**
Attempt was made to remove a non-existent rule.
Response
Specify the name of an existing retention rule.

You can use the following query to return the names of all of the retention rules:

```
xquery version "1.0-ml";
import module namespace dls = "http://marklogic.com/xdmp/dls" at "/MarkLogic/dls.xqy";
fn:data(dls:retention-rules("*")/dls:name)
```

7.11 DLS-NOTCHECKEDOUT

Message Text
variable1 is not checked out and cannot be modified

Cause
Attempt made to modify a managed document that has not been checked out.

Response
Use dls:document-checkout to check out the document.

7.12 DLS-NOVERSION

Message Text
variable1 has no version at variable2

Cause
An attempt was made to check out a document that is not managed.

Response
Use the dls:document-manage function to place the document under management.

7.13 DLS-PERMDENIED

Message Text
user needs variable2 permission for variable1
**Cause**
The user does not have the proper permissions for the operation.

**Response**
Make sure the user has the dls-user role and, if this is a DLS administrative task, the dls-admin role.

### 7.14 DLS-SPECIALPROP

**Message Text**
Cannot update properties in dls namespace

**Cause**
Attempt made to add or set a property for a document under namespace "http://marklogic.com/xdmp/dls".

**Response**
Avoid using "http://marklogic.com/xdmp/dls" as the namespace for a property of your document.

### 7.15 DLS-UNMANAGED

**Message Text**
variable1 is not a managed document

**Cause**
Attempt to execute a DLS function on an unmanaged document.

**Response**
Use dls:document-manage to place the document under management.
8.0  FLEXREP Messages

8.1  FLEXREP-BADCONFIG

Message Text
Bad configuration: \textit{variable1}

8.2  FLEXREP-BADFILTER

Message Text
Filter returned a bad update: \textit{variable1}

8.3  FLEXREP-BADNAME

Message Text
Bad Name: \textit{variable1}

8.4  FLEXREP-BADPULL

Message Text
Bad pull configuration: \textit{variable1}

8.5  FLEXREP-BADUPDATE

Message Text
Bad replication update: \textit{variable1 variable2}

8.6  FLEXREP-BADURL

Message Text
Bad URL: \textit{variable1}

8.7  FLEXREP-BINARYREPLICATING

Message Text
The binary file is being replicated
8.8  FLEXREP-DUPTARGETNAME

Message Text
Duplicate target name (variable1)

8.9  FLEXREP-HTTP

Message Text
HTTP failure: variable1 (variable2)

8.10 FLEXREP-INVALIDTARGETNAME

Message Text
Invalid target name (variable1)

8.11 FLEXREP-NOBINARYFILE

Message Text
Waiting for the binary file to be replicated

8.12 FLEXREP-NODOMAIN

Message Text
No configuration for domain: variable1

8.13 FLEXREP-NOMULTIPLEPULLCONFIG

Message Text
No multiple pull configurations allowed for the same domain id=variable1 and target id=variable2

8.14 FLEXREP-NOPULL

Message Text
No pull configuration: variable1 variable2
8.15 FLEXREP-NOPULLURLS

Message Text
Pull configuration must have at least one URL

8.16 FLEXREP-NOTARGET

Message Text
Target not found in configuration: variable1

8.17 FLEXREP-NOTREADONLY

Message Text
Function must be called from a query, not an update

8.18 FLEXREP-POLLBADUSER

Message Text
Poll attempted as incorrect user (variable1 instead of variable2)

8.19 FLEXREP-TASKSERVERQUEUE

Message Text
Task server queue too full

8.20 FLEXREP-UNEXPECTEDDOMAIN

Message Text
Unexpected replication domain type: variable1

8.21 FLEXREP-UNKNOWNTRIGGER

Message Text
Unknown trigger: variable1
9.0  HADOOP Messages

9.1  HADOOP-POLICYCHANGED

Message Text
Assignment policy changed

Cause
Assignment policy is changed while mlcp is running

Response
Make sure assignment policy does not change while mlcp is running

9.2  HADOOP-STATSNOTREADY

Message Text
Statistics not ready

Cause
It may take a few seconds for forests to exchange fragment counts information for statistics based assignment policy through heartbeat

Response
Make sure database is ready before running mlcp
10.0 HEALTH Messages

10.1 HEALTH-CLUSTER-ERROR

Message Text
Cluster error.

10.2 HEALTH-CLUSTER-HOSTS-ERROR

10.3 HEALTH-CLUSTER-OPSDIRECTOR-LOGGING-DISABLED

Message Text
Opsdirector logging is disabled on this cluster.

10.4 HEALTH-CLUSTER-OPSDIRECTOR-METERING-DISABLED

Message Text
Opsdirector metering is disabled on this cluster.

10.5 HEALTH-DATABASE-ACTIVE-REPLICAS

Message Text
Replica forest(s) are now acting as master, review or restart master/replica forests.

10.6 HEALTH-DATABASE-DBREP-MASTER-ERROR

Message Text
This unavailable database is a database replication master which will impact foreign cluster replica database.

10.7 HEALTH-DATABASE-DBREP-REPLICA-ERROR

Message Text
This unavailable database is a database replication replica which will impact foreign cluster master database.
10.8  HEALTH-DATABASE-DISABLED

Message Text
Database is intentionally disabled.

10.9  HEALTH-DATABASE-ERROR

Message Text
Database error.

10.10 HEALTH-DATABASE-FAILED-MASTER-FORESTS

Message Text
Failed master forest(s), review or restart master/replica forests.

10.11 HEALTH-DATABASE-FAILED-REPLICAS

Message Text
Replica forest(s) are unavailable, review or restart replica forests.

10.12 HEALTH-DATABASE-NO-BACKUP

Message Text
Database has never been backed up.

10.13 HEALTH-DATABASE-NO-FORESTS

Message Text
database has no forests attached.

10.14 HEALTH-DATABASE-NOT-AVAILABLE

Message Text
Database is not available.

10.15 HEALTH-DATABASE-NOT-ENABLED

Message Text
Database is not enabled.
10.16 HEALTH-DATABASE-OFFLINE

**Message Text**
Database is offline.

10.17 HEALTH-DATABASE-STALE-BACKUP

**Message Text**
Database has not been backed up in 7 days.

10.18 HEALTH-DATABASE-STALE-INCR-BACKUP

**Message Text**
Database has not been incrementally backed up in 7 days.

10.19 HEALTH-DATABASE-UNAVAILABLE

**Message Text**
Database is unavailable.

10.20 HEALTH-FOREST-DISABLED

**Message Text**
Forest is intentionally disabled.

10.21 HEALTH-FOREST-ERROR

**Message Text**
Forest error.

10.22 HEALTH-FOREST-FOREIGN-REPLICA-ERROR

**Message Text**
Foreign forest replica for this forest is unavailable.

10.23 HEALTH-FOREST-HOST-NETWORK-UNAVAILABLE

**Message Text**
Forest host network is unavailable.
10.24 HEALTH-FOREST-HOST-OFFLINE

Message Text
Forest host is offline.

10.25 HEALTH-FOREST-MASTER-DISABLED

Message Text
Master forest is disabled, review or restart master/replica forest.

10.26 HEALTH-FOREST-MAX-FOREST-SIZE

Message Text
Forest exceeds recommended maximum (250 GB).

10.27 HEALTH-FOREST-MAX-STANDS

Message Text
Forest exceeded maximum # of stands (64) and will be disabled.

10.28 HEALTH-FOREST-MERGE-BLACKOUTS-ENABLED

Message Text
Database has merge blackouts enabled.

10.29 HEALTH-FOREST-NOT-AVAILABLE

Message Text
Forest is not available.

10.30 HEALTH-FOREST-NOT-ENABLED

Message Text
Forest is not enabled.

10.31 HEALTH-FOREST-OBSOLETE

Message Text
Forest is obsolete.
10.32 HEALTH-FOREST-OFFLINE

Message Text
Forest is offline.

10.33 HEALTH-FOREST-REBALANCER-DISABLED

Message Text
Forest rebalancing intentionally disabled.

10.34 HEALTH-FOREST-REBALANCER-ERROR

Message Text
Error in rebalance of forest.

10.35 HEALTH-FOREST-REPLICA-DISABLED

Message Text
Replica forest is disabled.

10.36 HEALTH-FOREST-REPLICA-OPEN

Message Text
Replica forest has no master, review or restart master/replica forest.

10.37 HEALTH-FOREST-SHARED-DISK-FAILOVER

Message Text
Forest has failed over. Restart forest when failed host recovers.

10.38 HEALTH-FOREST-STANDS

Message Text
Forest approaching maximum # of stands (64).

10.39 HEALTH-FOREST-STORAGE-LOW

Message Text
Forest available space is low.
10.40 HEALTH-FOREST-UNMOUNTED

Message Text
Forest unmounted.

10.41 HEALTH-GROUP-ALL-HOSTS-OFFLINE

Message Text
All hosts in group are offline.

10.42 HEALTH-GROUP-ERROR

Message Text
Group error.

10.43 HEALTH-GROUP-HOSTS-OFFLINE

Message Text
Some hosts in group are offline.

10.44 HEALTH-GROUP-NO-HOSTS

Message Text
Group contains no hosts.

10.45 HEALTH-GROUP-PERFORMANCE-METERING-DISABLED

Message Text
Performance metering intentionally disabled.

10.46 HEALTH-HOST-ERROR

Message Text
Host error.

10.47 HEALTH-HOST-MAINTENANCE-HOST-MODE

Message Text
Intentionally set host-mode to maintenance.
10.48 HEALTH-HOST-NETWORK-UNREACHABLE

Message Text
Network unreachable.

10.49 HEALTH-HOST-OFFLINE

Message Text
Host is not online.

10.50 HEALTH-HOST-RECENT-RESTART

Message Text
Host was restarted or rejoined cluster in the past hour.

10.51 HEALTH-MISSING-HOST-MODE

Message Text
host-mode is missing.

10.52 HEALTH-PERFORMANCE-METERING-DISABLED

Message Text
Consider enabling performance metering.

10.53 HEALTH-REPLICA-FOREST

Message Text
Forest replica.

10.54 HEALTH-SERVER-DATABASE-DISABLED

Message Text
Denoted database has been disabled.

10.55 HEALTH-SERVER-DISABLED

Message Text
Server intentionally disabled.
10.56 HEALTH-SERVER-ERROR

Message Text
Server error.

10.57 HEALTH-SERVER-HOST-NETWORK-UNREACHABLE

Message Text
Server host network is unreachable.

10.58 HEALTH-SERVER-HOST-OFFLINE

Message Text
Server host is down.

10.59 HEALTH-SERVER-NOT-ENABLED

Message Text
Server is not enabled.

10.60 HEALTH-SERVER-OFFLINE

Message Text
Server is offline.

10.61 HEALTH-SERVER-PORT-LESS-1025

Message Text
Server port is less then 1025.
11.0 ICN Messages

11.1 ICN-ACROERROR

Message Text
Acrobat internal error. \textit{variable2}

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.2 ICN-ATOMICOBJECT

Message Text
Atomic object. \textit{variable2}

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries. This error is a sign that something is wrong with the PDF itself.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.3 ICN-BADANA

Message Text
Poor accuracy for story construction. \textit{variable2}

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.4  ICN-BADFILENAME

Message Text
Bad filename. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.5  ICN-BADLYFORMEDEXPRESSION

Message Text
Badly formed expression. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries. This error can occur if the conversion configuration file is malformed in some way.

Response
If you are not using one of the standard PDF conversion configuration files, try the conversion with one of them. Otherwise, if you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.6  ICN-BADNOZZLE

Message Text
Bad nozzle. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries. This error is a sign that something is wrong with the PDF itself.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.7 ICN-BUFFTOOSMALL

**Message Text**
Buffer too small. variable2

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.8 ICN-CANNOTUNEMBED

**Message Text**
Cannot unembed. variable2

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries.

**Response**
Try the conversion without image extraction. Otherwise, if you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.9 ICN-CANTOPENCONFIG

**Message Text**
Can't open converter config file. variable2

**Cause**
PDF conversion failed because the PDF conversion file could not be located or could not be read.

**Response**
Check the path in the config option setting. Make sure the file exists and is readable by the MarkLogic process.
11.10 ICN-CREATEFAILED

Message Text
Create failed. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries. It may indicate incorrect directory permissions in the MarkLogic installation.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.11 ICN-DOSNOTEXIST

Message Text
Does not exist. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.12 ICN-FAILED

Message Text
Conversion failed due to abnormal process termination: variable1. variable2

Cause
The PDF conversion program, which is launched by MarkLogic Server to perform the conversion, crashed. Often this is caused by something unexpected in the PDF itself or by an error in the PDF configuration file.

Response
Try either converting specific page ranges of the document or disabling image extraction to see if the problem is associated with a particular page or feature. Try using a different configuration file. Otherwise, if you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.13 ICN-FILENAME TOOLONG

Message Text
File name too long. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries. This error should never occur.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.14 ICN-INVALIDARGUMENT

Message Text
Invalid argument. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries. This error indicates something wrong in the configuration. It should never happen.

Response
Try conversion with a different configuration file. If you are setting specific options, try removing them. Otherwise, if you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.15 ICN-INVALIDCONFIG

Message Text
Converter has invalid config file. variable2

Cause
The configuration file passed to the PDF converter is invalid. This should never happen.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.16 ICN-INVALIDDATA

Message Text
Invalid data. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries. This error is a sign that something is wrong with the PDF itself.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.17 ICN-INVALIDDONGLE

Message Text
Invalid license. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.18 ICN-INVALIDIMAGE

Message Text
Invalid image. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries. This error may indicate a problem with an image in the PDF itself.

Response
Try converting without image extraction. Otherwise, if you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.19 ICN-INVOPTION

Message Text
Invalid option value. variable2

Cause
A conversion option had an invalid value. For example, if image-quality is not a number between 0 and 100, this error will be raised.

Response
Fix the offending option.

11.20 ICN-LICKEYEXP

Message Text
Converter license key expired. variable2

Cause
PDF conversion is executed in a program launched by MarkLogic Server and is protected by a limited-duration license key generated when the conversion program launched. If the key is checked after it expires, this error will be raised. Usually this is a sign that the host is overloaded, causing an excessive delay between launch and execution.

Response
Check the overall load and health of the host. You may need to adjust ingestion rates in your application to avoid overwhelming it. PDF conversion is expensive in terms of CPU and disk I/O.

11.21 ICN-LICKEYINV

Message Text
Converter license key invalid. variable2

Cause
PDF conversion is executed in a program launched by MarkLogic Server and is protected by a limited-duration host-bound license key generated when the conversion program is launched. This error will be raised if the conversion program sees a different host than the server. This may be caused by unusual DNS configurations.

Response
If you have a current maintenance contract with MarkLogic, you can contact support.
11.22 ICN-LIMITCHECK

**Message Text**
Limit check. *variable2*

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.23 ICN-MISMATCH

**Message Text**
Invalid user password. *variable2*

**Cause**
An attempt was made to convert a password-protected PDF, but the password provided was incorrect.

**Response**
Use the correct password.

11.24 ICN-MISSINGARGUMENTS

**Message Text**
Missing arguments. *variable2*

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries. This error may indicate a problem with the PDF configuration file.

**Response**
Try converting using a different PDF configuration file (see the "config" option). Otherwise, if you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.25 ICN-MISSINGKEY

Message Text
Missing key. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries. This error may indicate a problem with the PDF configuration file.

Response
Try running conversion with a different PDF conversion file (see the "config" option). Otherwise, if you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.26 ICN-MISSINGQUOTE

Message Text
Missing quote. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries. This error may indicate a problem with the PDF configuration file.

Response
Try running conversion with a different PDF conversion file (see the "config" option). Otherwise, if you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.27 ICN-NETDONGLECHECK

Message Text
Duplicate registration found on network. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.28 ICN-NOSCALE

Message Text
No scale. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.29 ICN-NOSUCHOBJECT

Message Text
No such object. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries. This error may indicate a problem with the PDF itself.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.30 ICN-NOTAVAILABLE

Message Text
Not available. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.31 ICN-NOTINSCOPE

Message Text
Not in scope. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.32 ICN-OPENFAILED

Message Text
Open failed. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.33 ICN-OUTOFMEMORY

Message Text
Out of memory. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries. This error indicates that the conversion process ran out of memory.

Response
Try conversion with the PDFtoText.cfg configuration file (config option). If that works, try normal conversion with illustrations and image-output set to false. If the PDF is large, try converting a few pages at a time; if you are using CPF consider one of the batched conversion pipeline alternatives. If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.34 ICN-OUTOFRANGE

**Message Text**
Out of range. variable2

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.35 ICN-PARAMTOO_LONG

**Message Text**
Parameter too long. You probably have a very long path or filename, try shortening it. variable2

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries. This error may indicate a configuration issue.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.36 ICN-PARSINGERROR

**Message Text**
Macro parsing. variable2

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.37 ICN-PERMISSIONDENIED

**Message Text**
Permission denied. variable2

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.38 ICN-READFAILED

**Message Text**
Read failed: Document does not permit extraction. variable2

**Cause**
PDF conversion failed due to an internal error passed up from the libraries responsible. This error may occur if the libraries necessary to complete the conversion could not be read.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.39 ICN-STACKOVERFLOW

**Message Text**
Stack overflow. variable2

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.40 ICN-STACKUNDERFLOW

**Message Text**
Stack underflow. *variable2*

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.41 ICN-SYNTAXERROR

**Message Text**
Syntax error. *variable2*

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries. This error usually indicates a problem with the PDF configuration file.

**Response**
Try conversion with a different configuration file (the `config` option). If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.42 ICN-SYSTEMERROR

**Message Text**
System error. *variable2*

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.43 ICN-TOOFEWARGS

**Message Text**
Too few arguments to converter. *variable2*

**Cause**
The converter program was launched incorrectly by MarkLogic Server.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.44 ICN-TOOLKITNOTREADY

**Message Text**
Toolkit not ready. *variable2*

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.45 ICN-TOOMANYARGUMENTS

**Message Text**
Too many arguments. *variable2*

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.46 ICN-TYPECHECK

Message Text
Type check. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.47 ICN-UNEXPECTEDFORMAT

Message Text
Unexpected format. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries. This error indicates that the document was not, in fact, PDF.

Response
Check whether the document is really PDF. If it is, contact support with the detailed test case and error message.

11.48 ICN-UNKNOWNERROR

Message Text
Unknown error.: variable1. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.49 ICN-UNKNOWNMACRO

**Message Text**
Unknown macro. *variable2*

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries. This error indicates the PDF configuration file references a macro that has not been defined.

**Response**
Try running conversion with a different configuration file ("config" option). If you are using a custom configuration file, make sure you spelled the macro name properly; or escape macro syntax if you don't intend to refer to a macro. Otherwise, if you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.50 ICN-UNMATCHEDMARK

**Message Text**
Unmatched mark. *variable2*

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.51 ICN-USERCANCEL

**Message Text**
User cancel. *variable2*

**Cause**
PDF conversion failed due to an internal error passed up from the responsible libraries.

**Response**
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
11.52 ICN-WIN32EXCEPTION

Message Text
Conversion failed due to WIN32 exception: variable1. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

11.53 ICN-WRITEFAILED

Message Text
Write failed. variable2

Cause
PDF conversion failed due to an internal error passed up from the responsible libraries.

Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
12.0 ISYS Messages

12.1 ISYS-CONVERR

Message Text
Conversion error: variable1. variable2

Cause
Document-Filter failed due to an internal error passed up from the responsible libraries.

Response
Try converting or saving the input file into a new file using newer version of editing software, then run document-filter again to see if the problem is resolved. Otherwise, if you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

12.2 ISYS-FAILED

Message Text
Document-Filter failed due to abnormal process termination: variable1. variable2

Cause
Document-Filter program, which is launched by MarkLogic Server to perform the filtering, crashed. Often this is caused by something unexpected in the input file itself or by an internal error passed up from the responsible libraries.

Response
Try converting or saving the input file into a new file using newer version of editing software, then run document-filter again to see if the problem is resolved. Otherwise, if you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.

12.3 ISYS-WIN32EXCEPTION

Message Text
Document-Filter failed due to WIN32 exception: variable1. variable2

Cause
Document-Filter failed due to an internal error passed up from the responsible libraries.
Response
If you have a current maintenance contract with MarkLogic, you can contact support with the detailed test case and error message.
13.0 JS Messages

13.1 JS-APPLY  

Message Text  
Cannot apply function: variable1 

Cause  
A JavaScript function passed in from another thread cannot be applied

Response  
Avoid passing JavaScript functions as parameters that may be executed from a different thread.

13.2 JS-ASSERTERROR  

Message Text  
Assertion Error

Cause  
An assertion in a JavaScript program fails

Response  
Check your JavaScript program for the above assertion.

13.3 JS-BAD  

Message Text  
Unexpected failure: variable1 variable2

Cause  
A JavaScript request causes an unexpected error while executing it.

Response  
If you have a current maintenance contract, you can contact MarkLogic Technical Support.
13.4 JS-CTORASFUNCTION

**Message Text**
Cannot call constructor as function: *variable1*

13.5 JS-CTSWALK

**Message Text**
An exception is thrown from user callback function: *variable1*

13.6 JS-DECLAREUPDATE

**Message Text**
JavaScript updates must begin with declareUpdate()

13.7 JS-DOMERROR

**Message Text**
DOM API error: code *variable1-variable3*

**Cause**
A JavaScript API call that modifies XML node will raise this error. SubstringData() with out-of-range parameters will also raise this error

**Response**
Check your JavaScript program.

13.8 JS-FATAL

**Message Text**
Request has fatal error: *variable1*

**Cause**
A JavaScript request causes a fatal error while executing it. This is often seen when the program requires too much memory or causes stack overflow.

**Response**
Check your JavaScript program for the above causes. For more assistance, contact MarkLogic Technical Support if you have a current maintenance contract.
13.9 JS-FROM

**Message Text**
Cannot convert undefined or null to object

13.10 JS-FROM-INVALIDMAPOPTION

**Message Text**
Invalid map option name

13.11 JS-FROM-INVALIDNUMBER

**Message Text**
sequence limit provided is not a valid number

13.12 JS-FROM-LIMITEXCEEDED

**Message Text**
Sequence limit exceeded

13.13 JS-FROM2

**Message Text**
`variable1` is not a function

13.14 JS-ILLEGALMODULEPATH

**Message Text**
require: null or illegal module path `variable1`

**Cause**
The module path passed in to require function is not a non-empty string.

**Response**
Check the parameter passed to require.
13.15 JS-JAVASCRIPT

**Message Text**
Error running JavaScript request: variable1

**Cause**
A JavaScript request causes an error executing it

**Response**
Check the JavaScript program for syntax errors etc.

13.16 JS-JAVASCRIPTSIZE

**Message Text**
Size exceeds JavaScript type limit: variable1

13.17 JS-NOTMODULE

**Message Text**
Cannot import a non-module JavaScript program: variable1

13.18 JS-NOUPDATEALLOWED

**Message Text**
The JavaScript object cannot be updated: variable1

13.19 JS-NULLARGUMENT

**Message Text**
Argument cannot be null: variable1

13.20 JS-OOM

**Message Text**
Request runs out of memory: variable1

**Cause**
A JavaScript program requires too much memory to execute.
**Response**
Check your JavaScript program.

**13.21 JS-PROGRAMTOOLARGE**

**Message Text**
JavaScript program text exceeds limit: variable1  variable2...

**Cause**
JavaScript program text cannot exceed 512MB

**13.22 JS-RANGE**

**Message Text**
RangeError: Invalid array length

**13.23 JS-TYPENOCTOR**

**Message Text**
No constructor found for type: variable1

**13.24 JS-WRAPPED**

**Message Text**
Cannot pass a map:map or json:array value by reference to JavaScript which contains a JavaScript object
14.0 JSEARCH Messages

14.1 JSEARCH-INTERNALERROR

Message Text
Internal error: variable1

Cause
An unmanaged error occurred.

14.2 JSEARCH-INVALARGS

Message Text
Invalid arguments: variable1

Cause
Supplied arguments are invalid.

Response
The error message describes the acceptable combinations of arguments.
15.0 MANAGE Messages

15.1 MANAGE-ALREADYINIT

Message Text
Endpoint has already been called: variable1

Cause
The initialization endpoint has already been called. Move on to the next step.

15.2 MANAGE-CANNOTSEARCH

Message Text
Cannot search log: variable1

Cause
The request specified a date range or regex search of a log that cannot be searched.

Response
Resubmit request for the entire file.

15.3 MANAGE-CONFLICTINGCONFIG

Message Text
A conflict has been detected: variable1

Cause
A conflict has been detected between existing configuration and new configuration provided to the endpoint.

Response
Check the existing configuration against the specification provided to the endpoint.

15.4 MANAGE-CONTENTWRONGVERSION

Message Text
Content version mismatch: variable1
**Cause**
In a conditional PUT, the content version id does not match the version supplied in the If-match header. MarkLogic Server returns status 412.

15.5 **MANAGE-DUPLICATELABELNAME**

**Message Text**
Label with same name already exists: variable1

**Cause**
The request specified an existing label name.

**Response**
Resubmit request with a unique label name.

15.6 **MANAGE-EMPTYPAYLOAD**

**Message Text**
Payload is empty. variable1

**Cause**
The payload is empty.

**Response**
Send a well-formed, non-empty XML or JSON payload.

15.7 **MANAGE-FOREIGNCLUSTER**

**Message Text**
This operation can be run on the local cluster only.

**Cause**
The specified operation is not supported on this endpoint.

**Response**
Connect to the foreign cluster directly to perform this operation.
15.8 MANAGE-INTERNAL

Message Text
Internal server error: variable1 variable2

Cause
A request resulted in an internal error in the implementation of the Management API.

Response
Please note the details of the message, the events preceding the error, and any other visible effects of the error and then contact MarkLogic customer support if you have a current maintenance contract.

15.9 MANAGE-INVALIDCONFIG

Message Text
Invalid server configuration: variable1

Cause
Invalid server configuration.

Response
Correct the invalid configuration and try the query again (see message details).

15.10 MANAGE-INVALIDLICENSE

Message Text
Invalid license: variable1

Cause
Invalid license.

Response
Submit the query again with a valid license key (see message details).

15.11 MANAGE-INVALIDMIMETYPE

Message Text
Content-type must be one of: variable1, Received: variable2
MarkLogic Server

MANAGE Messages

**15.12 MANAGE-INVALIDPARAM**

**Message Text**
Invalid parameter(s): *variable1*

**Cause**
The parameter(s) supplied are not valid.

**Response**
Update the parameters to a supported combination.

**15.13 MANAGE-INVALIDPAYLOAD**

**Message Text**
Payload has errors in structure, content-type or values. *variable1*

**Cause**
The payload supplied has errors in structure, bad property name(s), or bad value(s).

**Response**
Check content-type, property names, values, and document structure to be sure that content is valid. Use a GET request on the endpoint to see the current (valid) configuration.

**15.14 MANAGE-INVALIDPLUGIN**

**Message Text**
Plugin error: plugin-uri: *variable1* *variable2* *variable3*

**Cause**
A plugin for the Management API has an incomplete or incorrect set of capabilities.
Response
Please take note of the specific problems identified in the error message, review the documentation, correct the plugin definition, and restart the server.

15.15 MANAGE-INVALIDTOKENFUNCTION

Message Text
No such token pseudo-function: variable1

Cause
The specified pseudo-function does not exist.

Response
Resubmit request with an existing pseudo-function.

15.16 MANAGE-INVALIDTOKENFUNCTIONARG

Message Text
Invalid argument: variable1 variable2

Cause
The specified argument to the pseudo-function is invalid.

Response
Resubmit request with a valid argument.

15.17 MANAGE-LOCALCLUSTER

Message Text
This view is available only for foreign clusters: variable1

Cause
Some views (e.g. config) are not available for the local cluster.

Response
Specify a foreign cluster name or ID in the URL.
15.18 MANAGE-NOGROUPWITHSERVER

**Message Text**
No such group with server: group-id: `variable1` server-id: `variable2`

**Cause**
The request specified a server in a group, but the combination of group and server does not exist.

**Response**
Resubmit the request with the correct combination of group and server. To get the available servers for the group, request the group's default view.

15.19 MANAGE-NOSUCHALERTACTION

**Message Text**
No such alert action: `variable1`

**Cause**
The request specified an alert action that does not exist.

**Response**
Resubmit request with a valid alert-action name.

15.20 MANAGE-NOSUCHALERTRULE

**Message Text**
No such alert rule: `variable1`

**Cause**
The request specified an alert rule that does not exist.

**Response**
Resubmit request with a valid alert-config name.

15.21 MANAGE-NOSUCHALERTRULE

**Message Text**
No such alert rule: `variable1`
**Cause**
The request specified an alert rule that does not exist.

**Response**
Resubmit request with a valid alert-rule name.

**15.22 MANAGE-NOSUCHAMP**

**Message Text**
No such amp: variable1

**Cause**
The request specified a amp that does not exist.

**Response**
Resubmit request with a valid amp id.

**15.23 MANAGE-NOSUCHCERTIFICATE**

**Message Text**
No such certificate: variable1

**Cause**
The request specified a certificate that does not exist.

**Response**
Resubmit request with a valid certificate id.

**15.24 MANAGE-NOSUCHCOLLECTION**

**Message Text**
No such collection: variable1

**Cause**
The request specified a protected collection that does not exist.

**Response**
Resubmit request with a valid collection name.
15.25 MANAGE-NOSUCHCPFCONFIG

Message Text
No such cpf-config: variable1

Cause
The request specified a cpf-config that does not exist.

Response
Resubmit request with a valid cpf-config.

15.26 MANAGE-NOSUCHDATABASE

Message Text
No such database: variable1

Cause
The request specified a database that does not exist.

Response
Resubmit request with a valid database.

15.27 MANAGE-NOSUCHDOMAIN

Message Text
No such domain: variable1

Cause
The request specified a domain that does not exist.

Response
Resubmit request with a valid domain.

15.28 MANAGE-NOSUCHFLEXREPCONFIG

Message Text
No such flexrep-config: variable1
Cause
The request specified a flexrep-config that does not exist.

Response
Resubmit request with a valid flexrep-config.

15.29 MANAGE-NOSUCHFLEXREPPULL

Message Text
No such flexrep-pull: variable1

Cause
The request specified a flexrep-pull that does not exist.

Response
Resubmit request with a valid flexrep-pull.

15.30 MANAGE-NOSUCHFLEXREPTARGET

Message Text
No such flexrep-target: variable1

Cause
The request specified a flexrep-target that does not exist.

Response
Resubmit request with a valid flexrep-target.

15.31 MANAGE-NOSUCHFOREIGNCLUSTER

Message Text
No such foreign cluster: variable1

Cause
The request specified a foreign cluster that does not exist.

Response
Resubmit request with a valid cluster id.
15.32 MANAGE-NOSUCHLABEL

Message Text
No such label: variable1

Cause
The request specified a label that does not exist.

Response
Resubmit request with a valid label.

15.33 MANAGE-NOSUCHLOG

Message Text
No such log: variable1

Cause
The request specified a log that does not exist.

Response
Resubmit request with a valid log filename.

15.34 MANAGE-NOSUCHMETER

Message Text
No such meter: variable1

Cause
The request specified a meter that does not exist.

Response
Resubmit request with a valid meter.

15.35 MANAGE-NOSUCHPARTITION

Message Text
No such partition: variable1
Cause
The request specified a partition that does not exist.

Response
Resubmit request with a valid partition name.

15.36 MANAGE-NOSUCHPARTITIONQUERY

Message Text
No such partition query: variable1

Cause
The request specified a partition query that does not exist.

Response
Resubmit request with a valid partition query name.

15.37 MANAGE-NOSUCHPIPELINE

Message Text
No such pipeline: variable1

Cause
The request specified a pipeline that does not exist.

Response
Resubmit request with a valid pipeline.

15.38 MANAGE-NOSUCHPROTECTEDPATH

Message Text
No such protected-path: variable1

Cause
The request specified a protected-path that does not exist.

Response
Resubmit request with a valid protected-path.
15.39 MANAGE-NOSUCHQUERYROLESET

**Message Text**
No such query-roleset: variable1

**Cause**
The request specified a query-roleset that does not exist.

**Response**
Resubmit request with a valid query-roleset.

15.40 MANAGE-NOSUCHRESOURCE

**Message Text**
No such resource existed in specified time range: variable1 variable2

**Cause**
The request specified a search for a transient or currently existing resource.

**Response**
Resubmit request with a different time range.

15.41 MANAGE-NOSUCHSUBDATABASE

**Message Text**
No such partition: variable1

**Cause**
The request specified a subdatabase that does not exist.

**Response**
Resubmit request with a valid subdatabase.

15.42 MANAGE-NOSUCHSUPERDATABASE

**Message Text**
No such superdatabase: variable1
Cause
The request specified a superdatabase that does not exist.

Response
Resubmit request with a valid superdatabase.

15.43 MANAGE-NOSUCHTASK

Message Text
No such task: variable1

Cause
The request specified a task that does not exist.

Response
Resubmit request with a valid task id.

15.44 MANAGE-NOSUCHTEMPORALAXIS

Message Text
No such temporal axis: variable1

Cause
The request specified a temporal axis that does not exist.

Response
Resubmit request with a valid temporal axis name.

15.45 MANAGE-NOSUCHTEMPORALCOLLECTION

Message Text
No such temporal collection: variable1

Cause
The request specified a temporal collection that does not exist.

Response
Resubmit request with a valid temporal collection name.
15.46 MANAGE-NOSUCHTRANSACTION

Message Text
No such transaction: variable1

Cause
The request specified a transaction that does not exist.

Response
Resubmit request with a valid transaction id.

15.47 MANAGE-NOSUCHTRIGGER

Message Text
No such trigger: variable1

Cause
The request specified a trigger that does not exist.

Response
Resubmit request with a valid trigger name.

15.48 MANAGE-NOSUCHVIEW

Message Text
No such view: variable1

Cause
The request specified a view that does not exist.

Response
Resubmit request with a valid view.

15.49 MANAGE-NOSUCHVIEWSCHEMA

Message Text
No such view-schema: variable1
Cause
The request specified a view-schema that does not exist.

Response
Resubmit request with a valid view-schema.

15.50 MANAGE-OPERATION

Message Text
Error performing operation: variable1

Cause
The requested operation failed.

Response
Correct the operation request.

15.51 MANAGE-PLATFORM

Message Text
Platform mismatch: variable1 variable2

Cause
The platform of the server attempting to join the cluster does not match the cluster host.

Response
Members of a cluster must be on the same platform.

15.52 MANAGE-PLUGINBADVERSION

Message Text
Plugin version: variable1, expecting one of: variable2

Cause
The supplied version is not supported.

Response
Refer to documentation for currently supported version(s).
15.53 MANAGE-PRECONDITIONFAILED

Message Text
Precondition not met: \textit{variable1}

Cause
The request requires a precondition which the server has detected has not been met.

Response
Resubmit request which addresses all preconditions.

15.54 MANAGE-SELFJOIN

Message Text
A host is attempting to join itself: \textit{variable1}

Cause
The request to add this host to the cluster has been sent to itself, instead of to a member of the cluster.

Response
Resubmit request to a member of the cluster.

15.55 MANAGE-TIMESTAMPOLD

Message Text
Config files out of date on host: \textit{variable1}

Cause
The request to make a configuration change has failed, because configuration files on the host are not in sync with cluster configuration.

Response
Retry the request, after allowing time for cluster configuration to synchronize.

15.56 MANAGE-UNSUPPORTEDOPERATION

Message Text
Unsupported operation: \textit{variable1} must be one of: \textit{variable2}
**Cause**
The specified operation is not supported on this endpoint.

**Response**
Refer to documentation for supported operations.

**15.57 MANAGE-UNSUPPORTEDVERSION**

**Message Text**
Version no longer supported: variable1

**Cause**
The supplied version is no longer supported.

**Response**
Refer to documentation for currently supported version(s).

**15.58 MANAGE-VERSION**

**Message Text**
Version mismatch: variable1 variable2

**Cause**
The version of the server attempting to join the cluster does not match the cluster host.

**Response**
Members of a cluster must be on the same version.
16.0 OI Messages

16.1 OI-CONVERR

Message Text
Conversion failed: variable1: variable2.

16.2 OI-FAILED

Message Text
Conversion failed due to abnormal process termination: variable1: variable2.

16.3 OI-WIN32EXCEPTION

Message Text
Conversion failed due to WIN32 exception: variable1: variable2.
17.0 OPTIC Messages

17.1 OPTIC-INTERNALERROR

Message Text
Internal error: variable1

Cause
An unmanaged error occurred.

17.2 OPTIC-INVALARGS

Message Text
Invalid arguments: variable1

Cause
Supplied arguments are invalid.

Response
The error message describes the acceptable combinations of arguments.
18.0 PKG Messages

18.1 PKG-BADFORMAT

Message Text
Invalid format: variable1

Cause
Uploading an invalid media type.

Response
Upload a valid media type.

18.2 PKG-BADTKTSTATE

Message Text
Ticket is not in 'complete' state: variable1

Cause
Packaging ticket is not in a completed state

Response
Only attempt to revert packages that are completed

18.3 PKG-CANNOTSPEC

Message Text
Cannot specify a database or server when uploading a set

Cause
Specifying a database or server name when uploading a set

Response
Upload databases and servers individually or do not specify names.
18.4 PKG-D OESNOTEXIST

**Message Text**
There is no package named: `variable1`

**Cause**
A request to access a package that does not exist.

**Response**
Use a different package name.

18.5 PKG-EXISTS

**Message Text**
A package with this name already exists: `variable1`

**Cause**
A request to create a package with a name that already exists.

**Response**
Use a different package name.

18.6 PKG-INVALID

**Message Text**
Invalid package: `variable1. variable2`

**Cause**
Attempting to upload or install a package that is invalid.

**Response**
Correct the errors and try again.

18.7 PKG-INVALIDBIN

**Message Text**
Invalid binary (not a zip or not a valid package)
Cause
Uploading invalid binary data.

Response
Upload only valid binary data.

18.8 PKG-INVALIDJSON

Message Text
Invalid JSON: variable1

Cause
Uploading invalid JSON.

Response
Upload only valid JSON.

18.9 PKG-INVALIDNAME

Message Text
Invalid package name: 'variable1' package name must be NCName

Cause
Attempting to create or access a package using an invalid name.

Response
Use a different name.

18.10 PKG-INVALIDROOT

Message Text
Modules root path must begin with a slash: variable1

Cause
Using a modules root path that isn't rooted at '/'.

Response
Try again, using a fully qualified modules root path.
18.11 PKG-INVALIDXML

**Message Text**
Invalid root element in XML document: *variable1*

**Cause**
Uploading invalid XML.

**Response**
Upload only valid XML.

18.12 PKG-MODTOOBIG

**Message Text**
Modules database is too large: *variable1*

**Cause**
Attempting to package a modules database that is too large.

**Response**
Remove some content from the modules database.

18.13 PKG-NOBINARY

**Message Text**
Binary content cannot be sent to this endpoint

**Cause**
Uploading binary content to an endpoint that only expects XML or JSON

**Response**
Upload XML or JSON.

18.14 PKG-NODATABASE

**Message Text**
There is no database named: *variable1* in the package *variable2*
**Cause**
Request to get a non-existent database from a package.

**Response**
Use a different database name.

**18.15 PKG-NOFNDIFF**

**Message Text**
The filename option is not supported for the differences view

**Cause**
Requesting a filename when view=differences

**Response**
Do not specify a filename.

**18.16 PKG-NOMODDB**

**Message Text**
Server 'variable2' in group 'variable1' does not have a modules database

**Cause**
Attempting to add modules to a package for a server that doesn't have a modules database

**Response**
Move the modules to a modules database or choose a different server

**18.17 PKG-NOMODROOT**

**Message Text**
Server 'variable2' in group 'variable1' does not have a modules root

**Cause**
Attempting to add modules to a package for a server that doesn't have a modules root

**Response**
Add a root path or choose a different server
18.18 PKG-NOREVERTPKG

Message Text
No revert package exists for this ticket: variable1

Cause
The revert ZIP file is missing from the ticket

Response
You cannot revert this ticket

18.19 PKG-NOSERVER

Message Text
There is no server named: 'variable2' in group 'variable1' in the package variable3

Cause
Request to get a non-existent server from a package.

Response
Use a different server name.

18.20 PKG-NOTADMIN

Message Text
You do not have credentials to access server module database content.

Cause
You are logged in as a user with manage privileges but not manage-admin privileges

Response
Do not attempt to access the modules database content or login as a user with manage-admin privileges

18.21 PKG-NOTPKGTKT

Message Text
Ticket is not a package install ticket: variable1
**Cause**  
Attempt to revert a non-packaging ticket.

**Response**  
Only attempt to revert packaging tickets.

**18.22 PKG-NOTXML**

**Message Text**  
Uploaded data is not well-formed XML

**Cause**  
Uploading non-XML data with a format or content type that specifies XML.

**Response**  
Fix the XML or change the format or content type to match the data.

**18.23 PKG-NOZIPDIFF**

**Message Text**  
ZIP format is not supported for the differences view

**Cause**  
Requesting format=zip when view=differences

**Response**  
Do not specify format=zip.

**18.24 PKG-ROLLUPG**

**Message Text**  
Cannot install packages during rolling upgrade

**Cause**  
You are attempting to install a package during rolling upgrade.

**Response**  
Complete the upgrade process before attempting to install the package
18.25 PKG-UNKSERVERTYPE

Message Text
Unknown server type (variable1): server 'variable3' in group 'variable2'

Cause
Attempting to package a server with an unknown type.

Response
Report bug.

18.26 PKG-UNSUPFORMAT

Message Text
Format unsupported on this endpoint: variable1

Cause
Requesting an unsupported format.

Response
Request a supported format.
19.0 PKI Messages

19.1 PKI-BADCERTIFICATE

**Message Text**
Bad certificate. Certificate position in the list of certificates: \textit{variable1}

**Cause**
Certificate being imported is bad.

19.2 PKI-BADCERTREQVER

**Message Text**
Bad X509 certificate request version: \textit{variable1}

**Cause**
A incorrect version number was specified in the certificate request.

**Response**
A certificate request should always have a version of 0

19.3 PKI-BADCNTRY

**Message Text**
bad country code: \textit{variable1}

**Cause**
The wrong country code was specified for the certificate request template.

**Response**
Check to be sure the country code exists and is two characters, such as US, UK, DE, FR, ES, etc.

19.4 PKI-BADKEYTYPE

**Message Text**
bad key type: '\textit{variable1}'
19.5 PKI-CERTISCA

Message Text
Expecting a certificate instead of a certificate authority.

19.6 PKI-DUPNAME

Message Text
duplicate certificate template name: 'variable1'

19.7 PKI-INVALID

Message Text
invalid template id: variable1

Cause
Template id was invalid.

Response
Check template id for spelling and that the template was created and try again.

19.8 PKI-NONAME

Message Text
no name

Cause
Seen when the certificate template name is missing while creating a new (pki) public infrastructure state in the security database.

Response
Add a certificate template name when creating a new (pki) public infrastructure state in the security database.

19.9 PKI-NOORGNAME

Message Text
no organization name
19.10 PKI-NOREQ

**Message Text**
no requests found: `variable1`

19.11 PKI-TMPLINUSE

**Message Text**
template in use: `variable1`

19.12 PKI-TOOMANYREQ

**Message Text**
too many requests found: `variable1` for `variable2`
20.0 PROF Messages

20.1 PROF-PROFILEALLOW

Message Text
Profiling not enabled on app server, request id: variable1

Cause
An attempt was made to perform a profiling operation such as prof:eval on an App Server that disallows profiling.

Response
Enable profiling on that App Server.
21.0 RDT Messages

21.1 RDT-BADRULE

Message Text
Rule schema validation failed \textit{variable1} -- \textit{variable2}

Response
Check the Redaction rule format and validate against the schema

21.2 RDT-DICTIONARYNOTFOUND

Message Text
Redaction dictionary not found: \textit{variable1}

Cause
No Redaction dictionary document is found

21.3 RDT-INVALIDARG

Message Text
\textit{variable1}

21.4 RDT-INVALIDDICTIONARY

Message Text
Invalid Redaction dictionary: \textit{variable1}

Response
Check the Redaction dictionary format

21.5 RDT-INVALIDOPTION

Message Text
Invalid option(s) \textit{variable1} provided to redaction function \textit{variable2}: \textit{variable3}
21.6 RDT-INVALIDRULEPATH

Message Text
Invalid rule path: variable1

Cause
The xpath used as rule path is invalid or not supported by XSLT

Response
Check XSLT template patterns for supported xpath patterns

21.7 RDT-NODE

Message Text
Unsupported node type: variable1

21.8 RDT-NORULE

Message Text
No rule found in rule collection: variable1

Cause
No rule document is found in given collection

Response
Make sure rule documents are in the given collection and the user has the access to the documents

21.9 RDT-NOSCHEMADB

Message Text
No schema database for redaction resource: variable1

Cause
The content database does not have a schema database.

Response
Make sure that the correct schema database is attached to the content database.
21.10 RDT-WRONGNODETYPE

Message Text
Invalid node type returned from redaction function: variable1
22.0 RESTAPI Messages

22.1 RESTAPI-CONTENTNOVERSION

Message Text
No content version supplied: variable1

Cause
The content-versions instance configuration property is set to "required", but the request does not include a version id in an If-match header. MarkLogic Server returns status 403.

Response
Supply a version id in the If-Match header, or modify the content versioning policy.

22.2 RESTAPI-CONTENTWRONGVERSION

Message Text
Content version mismatch: variable1

Cause
In a conditional PUT, the content version id does not match the version supplied in the If-match header. MarkLogic Server returns status 412.

22.3 RESTAPI-EXTNERR

Message Text
Extension Error: code: variable1 message: variable2 format: variable3 document: variable4

22.4 RESTAPI-INTERNALERROR

Message Text
Internal error: variable1

Cause
An unexpected error occurred. See the request body for details. MarkLogic Server returns status 500.
22.5 RESTAPI-INVALIDCONTENT

Message Text
Invalid content: variable1

Cause
The request payload does not have the expected format. For example, contains syntactically invalid XML or JSON, or contains an XML node or JSON object with the wrong structure. MarkLogic Server returns status 400.

Response
Correct the request payload.

22.6 RESTAPI-INVALIDMIMETYPE

Message Text
Invalid mime type: reason: variable1

Cause
The request payload has unexpected MIME type. MarkLogic Server returns status 415.

Response
Set the Content-type to a supported MIME type.

22.7 RESTAPI-INVALIDREQ

Message Text
Invalid request: reason: variable1

Cause
The request is malformed. For example, it includes unrecognized parameters, an unsupported combination of parameters, or uses an HTTP method not supported by this service. MarkLogic Server returns status 400.

Response
Correct the request.
22.8 RESTAPI-INVALIDRESULT

Message Text
Invalid result: reason: variable1

Cause
The operation produced an unexpected result, such as repair producing multiple documents when inserting an XML document. MarkLogic Server returns status 400.

22.9 RESTAPI-NODOCUMENT

Message Text
Resource or document does not exist: category: variable1 message: variable2

Cause
The requested document or other asset does not exist. MarkLogic Server returns status 404.

Response
Correct the request.

22.10 RESTAPI-NORANGEMATCH

Message Text
No Range Matched: range: variable1

Cause
A range request on a binary document cannot be satisfied. MarkLogic Server returns status 416.

Response
Correct the request.

22.11 RESTAPI-OPENTRANSACTIIONS

Message Text
Open Transactions: variable1

Cause
You attempted to remove a MarkLogic REST API instance with open transactions. MarkLogic Server returns status 409.
Response
Resolve the open transactions and try again.

22.12 RESTAPI-SRVEXERR

Message Text
Extension Error: code: variable1 message: variable2 document: variable3

22.13 RESTAPI-UNSUPPRTEDPROP

Message Text
Unsupported property: : variable1

Cause
The property is invalid or deprecated. MarkLogic Server returns status 400.

Response
Get the property list at /v1/config/properties to see all supported properties.
23.0 REST Messages

23.1 REST-FAILEDACCEPT

Message Text
: variable1 is not a matching user agent string

Cause
Logged in user has insufficient privileges.

Response
Check the documentation and update privileges accordingly

23.2 REST-FAILEDAUTH

Message Text
User does not have necessary privilege

Cause
Logged in user has insufficient privileges. When this error is reported by a MarkLogic REST API instance, MarkLogic Server returns status code 403 Forbidden.

Response
Check the documentation and update privileges accordingly

23.3 REST-FAILEDFUNCTION

Message Text
User defined condition function returned false: {variable1}variable2

Cause
The user-defined condition function returned false.

Response
Check the documentation for that condition and adjust accordingly.
23.4 REST-FAILEDUSERAGENT

**Message Text**
Invalid user agent: `variable1` is not a matching user agent string

**Cause**
Logged in user has insufficient privileges.

**Response**
Check the documentation and update privileges accordingly

23.5 REST-INCORRECTURI

**Message Text**
Incorrect URI: `variable1` does not match `variable2`

**Cause**
The REST library was called with an invalid request configuration

**Response**
This error corresponds to an HTTP code 400 Bad Request. Check the configuration and correct the incorrect URI.

23.6 REST-INVALIDCONDITION

**Message Text**
Invalid condition: `variable1` is not a valid condition

**Cause**
A REST endpoint was configured with an invalid condition.

**Response**
This error corresponds to an HTTP code 400 Bad Request. Check the declaration of the endpoint and correct the invalid condition.

23.7 REST-INVALIDCRITERIA

**Message Text**
Invalid criterion: "`variable1" is not valid, must be one of: `variable2"
**Cause**
The rewriter was called with invalid matching criteria.

**Response**
Check the calling function and invoke it with valid criteria.

**23.8 REST-INVALIDMIMETYPE**

**Message Text**
Content-Type must be one of: variable1, Received: variable2

**Cause**
The client-supplied Content-Type header is not an acceptable mimetype for this endpoint.

**Response**
Resubmit the request with an acceptable content-type header and body (see message details).

**23.9 REST-INVALIDPARAM**

**Message Text**
Invalid parameter: variable1

**Cause**
A REST endpoint was called with an invalid parameter.

**Response**
This error should throw an HTTP 400 Bad Request. Check the documentation for form parameters for the REST endpoint that threw this error. Adjust the client call accordingly.

**23.10 REST-INVALIDREQUEST**

**Message Text**
Invalid request: variable1

**Cause**
The request is invalid.

**Response**
Correct the request.
23.11 REST-INVALIDTYPE

Message Text
Invalid type in `variable1: variable2 variable3 variable4`

Cause
A REST endpoint was configured with an invalid type. When this error is reported by a MarkLogic REST API instance, MarkLogic Server returns status code 406.

Response
This error corresponds to an HTTP code 400 Bad Request. Check the declaration of the endpoint and correct the invalid type.

23.12 REST-MULTIPLEPATTERNS

Message Text
Multiple patterns match the parameter: `variable1`

Cause
A REST endpoint was called with a parameter name that matches more than one parameter in the endpoint description.

Response
This error should throw an HTTP 400 Bad Request. Check the documentation for parameter patterns or URI parameters for the REST endpoint that threw this error. Adjust the client call accordingly.

23.13 REST-REPEATEDPARAM

Message Text
Endpoint does not support repeated parameter: `variable1` can only appear once

Cause
A parameter which cannot be repeated is being repeated. When this error is reported by a MarkLogic REST API instance, MarkLogic Server returns status code 400.

Response
Remove all but one instance of the offending parameter.
23.14 REST-REQUIREDPARAM

Message Text
Required parameter: variable1

Cause
Required parameter is not provided. When this error is reported by a MarkLogic REST API instance, MarkLogic Server returns status code 400.

Response
Provide the required parameter.

23.15 REST-UNACCEPTABLETYPE

Message Text
No acceptable content type: None of the requested types variable1 can be provided

Cause
None of the acceptable types indicated by the caller can be provided.

Response
Check the documentation for the Accept types that the endpoint supports. Include at least one of the supported MIME types in the Accept header. When this error is reported by a MarkLogic REST API instance, MarkLogic Server returns status code 406.

23.16 REST-UNSUPPORTEDMETHOD

Message Text
Endpoint does not support method: variable1

Cause
A client has submitted an HTTP method that the matched REST API endpoint does not support. When this error is reported by a MarkLogic REST API instance, MarkLogic Server returns status code 405.

Response
This error is a standard wrapper for HTTP Response Code 405 Method Not Allowed. For example, your client has submitted a PUT request, and the endpoint does not support this verb. Check your client and the server endpoint for whether this error is appropriate for the given scenario.
23.17 REST-UNSUPPORTEDPARAM

**Message Text**
Endpoint does not support query parameter: *variable1*

**Cause**
An unsupported query parameter is included. When this error is reported by a MarkLogic REST API instance, MarkLogic Server returns status code 400.

**Response**
Remove the unsupported parameter.
24.0 SEARCH Messages

24.1 SEARCH-APPLYUNDEFINED

Message Text
Value of @apply undefined: variable1

Cause
The Search API cannot find a function to apply.

Response
Check the function in your search options node, and ensure that the function named in the error message has been defined. You may need to specify a namespace (@ns) and file path (@at) if the function is an extension located in a custom XQuery module, or a user-defined function (@udf) if the function is a user-defined aggregate function.

24.2 SEARCH-BADEXTENSION

Message Text
Extensions must define @apply, @ns and @at

Cause
Implementation of a custom constraint requires implementation of a parsing function. A custom constraint has been specified, but the configuration is incorrect or does not refer to a parsing function.

Response
Check your search options node with search:check-options to ensure it is valid. Validate that the custom library module is available at the expected path, and that the namespace and local name correctly refer to a function in that module.

24.3 SEARCH-BADORDERBY

Message Text
Indexes are required to support element, element-attribute, json-property, or field sort specifications.

Cause
Sorting without index support will not perform well at scale, so it not a supported configuration in the Search API.
Response
Check your search options node with search:check-options in strict mode to identify the missing index.

24.4 SEARCH-INVALAGGREGATE

Message Text
Invalid aggregate function: function variable1 is invalid for variable2

Cause
Supplied aggregate function name is invalid.

Response
Check the values or tuples configuration to ensure that the named aggregate is supported.

24.5 SEARCH-INVALARGS

Message Text
Invalid arguments: variable1

Cause
Supplied arguments are invalid.

Response
The error message describes the acceptable combinations of arguments.

24.6 SEARCH-NOANCHOR

Message Text
Computed bucket requires an anchor: variable1

Cause
In most cases, computed buckets require an anchor in order to resolve relative dates. This error indicates a missing anchor.

Response
Examine search options for computed buckets to ensure that anchors are present.
24.7 SEARCH-NOFACET

Message Text
No facet implementation (start/finish) specified for custom constraint: variable1

Cause
A custom constraint expected to resolve facets (@facet = "true") must supply code to implement, at minimum, a finish-facet function. Optionally, it may supply a start-facet function to support concurrent facet resolution. This error indicates that the finish-facet function has not been supplied, or that the options node configuring the custom constraint is incorrect.

Response
If the constraint should not resolve facets, set @facet = "false". If it should resolve facets, run search:check-options on the options node to ensure the configuration is valid.

24.8 SEARCH-NOINDEXREF

Message Text
Cannot create valid index reference.: variable1

Cause
The named configuration does not refer to a valid index.

Response
The options supplied to this function must refer to a valid index configuration (collection, uri, range, field, or geospatial). Run search:check-options on the options node to ensure that the configuration is valid.

24.9 SEARCH-NONANNOTATED

Message Text
Non-annotated query

Cause
The Search API adds annotations as it parses queries in order to support round-tripping (search:parse generates an annotated parsed query while search:unparse takes an annotated parsed query and generates a string). The parse/unparse cycle is also used in other areas of the API, including search:remove-constraint. This error indicates that the parsed query cannot be reversed due to missing annotations. It is usually encountered when custom parsing code has been added to extend the API.
**Response**
Add annotations to any custom parsing code. Consult documentation on customization of the Search API, or use `search:parse` to generate parsed queries and observe the annotation pattern. Contact support if further assistance is needed.

**24.10 SEARCH-NOVALCONSTR**

**Message Text**
variable1 is not a valid constraint

**Cause**
This error does not appear to exist in code any more.

**Response**
This error does not appear to exist in code any more.

**24.11 SEARCH-UNSUPPORTEDANCHOR**

**Message Text**
Unsupported anchor type

**Cause**
Anchors indicating a fixed point in time may be supplied for computed buckets, which allow for dynamic calculation of relative bucket boundaries on `date` or `dateTime` constraints (e.g., compute bucket boundaries relative to "now"). This error indicates that the constraint type is inappropriate for the anchor.

**Response**
Run `search:check-options` to validate the structure of the search options node. Check dynamic buckets.
25.0 SEC Messages

25.1 SEC-ADMINROLE

Message Text
The admin role name can not be changed

Cause
You tried to change admin role name. (e.g. with sec:role-set-name)

Response
The name of the admin role is read-only and cannot be changed. Do not attempt to do so.

25.2 SEC-AMPDNE

Message Text
Amp does not exist: namespace(variable1), local-name(variable2), document-uri(variable3), database(variable4)

Cause
An amp identified by ($namespace, $local-name, $document-uri, $database) is not present in the system.

Response
Verify that there is an amp that can be identified by the provided namespace, local-name, document-uri, and database.

25.3 SEC-AMPEXISTS

Message Text
Amp already exists

Cause
An amp identified by the ($namespace, $local-name, $document-uri) tuple is already present in the context database.

Response
Provide a unique tuple ($namespace, $local-name, $document-uri, $database) when creating the amp
25.4 SEC-BADACCESSKEY

**Message Text**
New access key is not valid

25.5 SEC-BADCAP

**Message Text**
Illegal Capability: *variable1*

25.6 SEC-BADCOLURI

**Message Text**
Collection URI is not valid

25.7 SEC-BADCOMPARTMENTNAME

**Message Text**
Compartment name is not valid: *variable1*

**Cause**
You provided a compartment name which is not valid. A Valid compartment name should not contain any of the following characters: `\ * ? / : < > | "`. Additionally, the name cannot contain whitespaces.

**Response**
Provide a valid compartment name which adheres to the naming rules mentioned in the cause section.

25.8 SEC-BADCOMPARTMENTPROTECTEDPATH

**Message Text**
Bad compartment for protected path: *variable1*

**Cause**
Compartmented roles of the same protected path set should belong to the same compartment.

**Response**
Fix the code.
25.9 SEC-BADCREDAUTH

**Message Text**
Bad credential target authentication: *variable1*

**Cause**
The credential target authentication restriction is bad.

**Response**
Specify a valid value (basic, digest, digestbasic).

25.10 SEC-BADDB

**Message Text**
Specified database *variable1* is not allowed

25.11 SEC-BADEXTERNALSECURITYNAME

**Message Text**
New external security name is not valid

**Cause**
Provided external security name is not valid. A external security name is valid which it does not contain any of the following characters: \\ * ? / : < > | ". Additionally, the name also cannot contain whitespace.

**Response**
Provide a valid external security name which adheres to the naming guidelines mentioned in the cause section

25.12 SEC-BADKIND

**Message Text**
Privileges must be of kind "execute" or "uri"

25.13 SEC-BADPERMPROTECTEDPATH

**Message Text**
Bad permission for protected path: *variable1*
**Cause**
Protected path that has a path set only allows read permission

**Response**
Fix the code.

**25.14 SEC-BADPRIVACTION**

**Message Text**
New privilege action is not valid

**25.15 SEC-BADPRIVNAME**

**Message Text**
New privilege name is not valid

**25.16 SEC-BADROLENAME**

**Message Text**
New role name is not valid

**Cause**
When user provides a role name which is not valid. Role names are valid when it does not contain any of the following characters: \ * ? : < > |. Additionally, the name also cannot contain space in between.

**Response**
Provide a valid role name which adheres to the naming guidelines mentioned in the cause section

**25.17 SEC-BADSECRETKEY**

**Message Text**
New secret key is not valid

**25.18 SEC-BADSESSIONTOKEN**

**Message Text**
New session token is not valid
25.19 SEC-BADSTORAGEACCOUNT

**Message Text**
New storage account name is not valid

25.20 SEC-BADSTORAGEKEY

**Message Text**
New storage key is not valid

25.21 SEC-BADUSERNAME

**Message Text**
New user name is not valid

**Cause**
Provided user name is not valid. A user name is valid which it does not contain any of the following characters: \* ? / : < > | " . Additionally, the name also cannot contain whitespace.

**Response**
Provide a valid user name which adheres to the naming guidelines mentioned in the cause section

25.22 SEC-COLCNE

**Message Text**
Collection not protected

25.23 SEC-COLDNE

**Message Text**
Collection not protected: variable1

25.24 SEC-COLPERM

**Message Text**
Collection permission denied: variable1 variable2
25.25 SEC-COLPROTECTED

Message Text
Collection already protected

25.26 SEC-COMPARTMENTDNE

Message Text
Compartment does not exist: variable1

Cause
Specified compartment name is not valid.

Response
Specify a valid security compartment name; check its spelling and if it has been created.

25.27 SEC-CREDENTIALDNE

Message Text
Credential does not exist: variable1

Cause
There is no credential with the given name

Response
Provide a different credential name.

25.28 SEC-CREDENTIALALEXISTS

Message Text
Credential already exists: variable1

Cause
There is already another credential with the same name in the system.

Response
Provide a different credential name which is not already in the system.
25.29 SEC-DEFAULTUSERDNE

Message Text
Default user does not exist: variable1 = variable2

25.30 SEC-DUNOPRIV

Message Text
Admin error. Default user does not have privileges to this server.

25.31 SEC-EMPTYACCESSKEY

Message Text
New access key is empty

25.32 SEC-EMPTYLDAPATTRIBUTE

Message Text
Empty ldap attribute element

25.33 SEC-EMPTYLDAPBASE

Message Text
Empty ldap base element

25.34 SEC-EMPTYLDAPDEFAULTUSER

Message Text
Empty ldap default user element

25.35 SEC-EMPTYLDAPPASSWORD

Message Text
Empty ldap password element

25.36 SEC-EMPTYLDAPSERVERURI

Message Text
Empty ldap server uri element
25.37 SEC-EMPTYNSPREFIX

**Message Text**
Namespace prefix must not be empty.

**Cause**
Namespace prefix must not be empty.

**Response**
Empty ns prefix is not allowed. Use a non-empty prefix.

25.38 SEC-EMPTYNSURI

**Message Text**
Namespace uri must not be empty.

**Cause**
Namespace uri must not be empty.

**Response**
Empty ns uri is not allowed. Use a legal uri.

25.39 SEC-EMPTYPWD

**Message Text**
Empty password

25.40 SEC-EMPTYREALM

**Message Text**
Empty realm

25.41 SEC-EMPTYSECRETKEY

**Message Text**
New secret key is empty
25.42 SEC-EMPTYSESSIONTOKEN

**Message Text**
New session token is empty

25.43 SEC-EMPTYSTORAGEACCOUNT

**Message Text**
New storage account name is empty

25.44 SEC-EMPTYSTORAGEKEY

**Message Text**
New storage key is empty

25.45 SEC-EXTERNALSECURITYDNE

**Message Text**
External security does not exist: \( variable1 = variable2 \)

**Cause**
The external security you specified is not present in the system.

**Response**
Make sure you check for misspelling the config name and verify the availability of the config in the system, then retry.

25.46 SEC-EXTERNALSECURITYEXISTS

**Message Text**
External security already exists

**Cause**
There is already another external security with the same name in the system.

**Response**
Provide a different external security name which is not already in the system.
25.47 SEC-EXTERNALSECURITYINUSE

Message Text
External security is protecting an HTTP, XDBC or ODBC Server.

Cause
External security is protecting an HTTP, XDBC or ODBC Server.

Response
Remove external security from HTTP, XDBC or ODBC Server

25.48 SEC-EXTSECCADEPRECATED

Message Text
Client certificate authorities in external security is deprecated. You can set the client certificate authorities in the AppServer.

25.49 SEC-GPHPERMDENIED

Message Text
Graph Permission denied: variable1 variable2

25.50 SEC-ILLEGALNSPREFIX

Message Text
Namespace prefix "xml" is reserved, Try different prefix.

Cause
Namespace prefix "xml" is reserved. It cannot be re-defined.

Response
"xml" is a reserved namespace prefix. Try different prefix.

25.51 SEC-INVALIDCREDNAME

Message Text
Invalid credential name: "variable1"
Cause
The credential name is invalid.

Response
Choose a name that is a valid NMTOKEN.

25.52 SEC-INVALIDFORMAT

Message Text
variable1 has the wrong format or is corrupted, variable2

25.53 SEC-INVALIDPERM

Message Text
Invalid permission

25.54 SEC-INVALIDPWD

Message Text
variable1 passphrase provided is invalid

25.55 SEC-INVAMP

Message Text
Invalid amp: doc(variable1)

25.56 SEC-INVAUTHENTICATION

Message Text
Invalid authentication element

25.57 SEC-INVAUTHHEADER

Message Text
Invalid HTTP Authorize header.
25.58 SEC-INVAUTHORIZATION

Message Text
Invalid authorization element

25.59 SEC-INVCOLLECTION

Message Text
Bad collection element

25.60 SEC-INVDEFAULTCOLL

Message Text
Invalid default collections: doc(variable1)

25.61 SEC-INVDEFAULTPERM

Message Text
Invalid default permissions: doc(variable1)

25.62 SEC-INVEXTERNALNAMES

Message Text
Invalid external names: doc(variable1)

25.63 SEC-INVEXTERNALSECURITY

Message Text
Invalid external security: variable1

25.64 SEC-INVLDAPBINDMETHOD

Message Text
Invalid ldap bind method element

25.65 SEC-INVPRIV

Message Text
Invalid privilege: doc(variable1)
25.66 SEC-INVPROTECTEDPATH

Message Text
Invalid protected path: variable1

Cause
The path is either not indexable or is not an element or JSON property.

Response
Use a valid protected path.

25.67 SEC-INVQUERIES

Message Text
Invalid queries: doc(variable1)

25.68 SEC-INVQUERY

Message Text
Bad role or user capability query

25.69 SEC-INVQUERYROLESETS

Message Text
Invalid query rolesets: variable1

25.70 SEC-INVROLE

Message Text
Invalid role: doc(variable1)

25.71 SEC-INVROLEID

Message Text
Invalid Role ID: doc(variable1)
25.72 SEC-INVROLEIDS

Message Text
Invalid role IDs: doc(variable1)

25.73 SEC-INVSAMLENTITY

Message Text
Invalid saml entity: variable1

25.74 SEC-INVUSER

Message Text
Invalid user: variable1

25.75 SEC-KEYGENNOTAVA

Message Text
Keystore generation so keys is not avaible.: variable1

Cause
Keystore on one or more hosts might be offline

Response
All hosts in the cluster must be online before this operation can be performed.

25.76 SEC-KEYSEXPORTFAILED

Message Text
Failed to export keys, see log for more details.: variable1

Cause
directory access or invalid PKCS#11 library

Response
Verify access to the kms directory under the MarkLogic data directory and path to the PKCS#11 library.
25.77 SEC-KEYSIMPORTFAILED

**Message Text**
Failed to import keys. `variable1`, `variable2`

25.78 SEC-KEYSTOREREPFAILED

**Message Text**
Keystore replication failed. `variable1`

**Cause**
Keystore is empty

**Response**
If switching to a new PKCS#11 library or kms directory path, make sure to call `admin:cluster-rotate-data-encryption-key-id` before adding more hosts to the cluster.

25.79 SEC-LASTADMIN

**Message Text**
Cannot delete last admin user: `variable1`

**Cause**
You attempted to remove the final user with the admin role.

**Response**
At least one user must have the admin role. Unless some other user also has the admin role, you cannot delete this user.

25.80 SEC-MUSTUNPROTECTPATH

**Message Text**
Only unprotected paths can be removed: `variable1`

**Cause**
The path is still protected.

**Response**
Fix the code.
25.81 SEC-NOADMIN

**Message Text**
User does not have admin role.

**Cause**
You have attempted to access the Admin Interface and do not have the necessary security role or privileges to do so successfully.

**Response**
Contact your system administrator to have the proper roles and privileges assigned to you.

25.82 SEC-NOCERTIFICATEAUTHORITY

**Message Text**
No certificate authority with identifier `variable1`.

25.83 SEC-NODIGEST

**Message Text**
No digest password for user and server set to use only digest authentication.

25.84 SEC-NOEMPTYAMPDU

**Message Text**
New amp document uri cannot be empty.

**Cause**
You are providing an empty document URI.

**Response**
Provide a non-empty document URI, which should be the URI of the module containing the function.

25.85 SEC-NOEMPTYAMPLN

**Message Text**
New amp local name cannot be empty.
**Cause**  
You are providing an empty amp name.

**Response**  
Make sure you supply a non-empty and valid amp name.

**25.86 SEC-NOEMPTYAMPNS**

**Message Text**  
New amp namespace cannot be empty

**25.87 SEC-NOEMPTYCOLURI**

**Message Text**  
New collection URI cannot be empty

**Cause**  
You are supplying a collection URI which is empty

**Response**  
Either supply a different non-empty and valid collection URI or make the provided collection non-empty and resubmit.

**25.88 SEC-NOEMPTYEXTERNALSECURITYNAME**

**Message Text**  
New external security name cannot be empty

**Cause**  
You are providing an empty external security name.

**Response**  
You should provide a non-empty and valid external security name. A valid external security name cannot contain any of the following characters: `\ * ? / : < > | "`. Additionally, the name cannot contain whitespace or dot (.)..
25.89 SEC-NOEMPTYPRIVACTION

Message Text
New privilege action cannot be empty

Cause
You are providing an empty privilege action.

Response
Provide a non-empty and valid privilege action.

25.90 SEC-NOEMPTYPRIVNAME

Message Text
New privilege name cannot be empty

Cause
You are providing an empty privilege name

Response
You should provide a non-empty and valid privilege name. A valid privilege name cannot contain any of the following characters: \* ? / : < > | " . Additionally, the name cannot contain whitespace or dot (.).

25.91 SEC-NOEMPTYROLENAME

Message Text
New role name cannot be empty

Cause
You are providing an empty role name

Response
You should provide a non-empty and valid role name. A valid role name cannot contain any of the following characters: \* ? / : < > | " . Additionally, the name cannot contain whitespace or dot (.).
25.92 SEC-NOEMPTYUSERNAME

Message Text
New user name cannot be empty

Cause
You are providing an empty user name.

Response
You should provide a non-empty and valid user name. A valid user name cannot contain any of the following characters: \* ? / : < > | ". Additionally, the name cannot contain whitespace or dot (.)

25.93 SEC-NOGRANT

Message Text
No privileges to grant/revoke role: variable1

25.94 SEC-NOPERMCAP

Message Text
Permission element or object does not contain a capability.

25.95 SEC-NOPERMPROTECTEDPATH

Message Text
Protected path must have at least one permission: variable1

Cause
The protected path would have no permission after the operation, which is not allowed.

Response
Fix the code.

25.96 SEC-NOPERMROLEID

Message Text
Permission element or object does not contain a role-id.
25.97 SEC-NOPROTECTEDPATH

Message Text
Protected path does not exist: variable1

Cause
The protected path does not exist.

Response
Fix the code.

25.98 SEC-P11ERROR

Message Text
The PKCS#11 library produced an error

Cause
PKCS#11 library error

Response
See logs for details on the PKCS#11 library error

25.99 SEC-P11NOTINIT

Message Text
The PKCS#11 wallet was not initialized

Cause
Directory access or invalid PKCS#11 library

Response
Verify access to the kms directory under the MarkLogic data directory and path to the PKCS#11 library.

25.100SEC-P11SESSION

Message Text
Failed to open a session with the PKCS#11 wallet
Cause
Directory access, invalid HSM path, or invalid PKCS#11 library has been configured

Response
Verify keystore configuration, and see logs for details

25.101SEC-PERMDENIED

Message Text
Permission denied: variable1 variable2

25.102SEC-PRIV

Message Text
Need privilege: variable1

25.103SEC-PRIVDNE

Message Text
Privilege does not exist: action(variable1), kind(variable2)

25.104SEC-PRIVEXISTS

Message Text
Privilege already exists

Cause
There is already a privilege for the $action URI you provided.

Response
Make sure that the URI provided for the $action parameter is unique.

25.105SEC-PRIVIDDNE

Message Text
Privilege does not exist: id(variable1)
25.106SEC-PRIVINUSE

Message Text
Privilege protecting an HTTP, XDBC or ODBC Server

25.107SEC-PRIVNAMEEXISTS

Message Text
Privilege name already exists

25.108SEC-REJECTEDPWD

Message Text
Password is too weak

25.109SEC-REMOTEPRIV

Message Text
Need privilege (remote): variable1

25.110SEC-RNEXISTS

Message Text
Role Name already exists

Cause
The role name you supplied is already in the system.

Response
Make sure you supply a role name that is not present in the system.

25.111SEC-ROLEDNE

Message Text
Role does not exist: variable1 = variable2

Cause
You are supplying a role which is not present in the system.
Response
Make sure you check for misspellings and verify the availability of the role in the system, then retry.

25.112SEC-ROLEEXISTS

Message Text
Role already exists

Cause
When you try to create a Role which is already existing in the system.

Response
Use another role name which is not already present in the security database.

25.113SEC-ROLENOTASSOC

Message Text
Role not associated with variable1

25.114SEC-SAMLENTITYEXISTS

Message Text
SAML entity already exists

Cause
There is already another SAML entity with the same id in the system.

Response
Provide a different SAML entity id which is not already in the system.

25.115SEC-TEMPORALDOC

Message Text
Cannot perform non-temporal operation on document in temporal collection

Response
Admin will be able to perform this operation by setting "updates-admin-override" on temporal collection using temporal:collection-set-options($collection,"updates-admin-override")
25.116SEC-UNEXISTS

**Message Text**
User Name already exists

**Cause**
There is already another user in the system with the name you provided.

**Response**
Make sure you supply a unique name for the user.

25.117SEC-UNPROTECTEDCOLPRIV

**Message Text**
Unprotected collection privilege required

25.118SEC-URIPRIV

**Message Text**
URI privilege required

25.119SEC-USERDNE

**Message Text**
User does not exist: variable1 = variable2

**Cause**
The user you specified is not present in the system.

**Response**
Make sure you check for misspelling the user name and verify the availability of the user in the system, then retry.

25.120SEC-USEREXISTS

**Message Text**
User already exists
Cause
There is already another user with the same name in the system.

Response
Provide a different user name which is not already in the system.

25.121XDMP-NOEXTERNALSECURITY

Message Text
No external security with identifier variable1
26.0 SER Messages

26.1 SER-BADCHAR
W3C XQuery Standard Equivalent: err:SERE0008

Message Text
Character cannot be represented in desired output encoding: variable1

Cause
A character that cannot be represented in the desired output encoding appears in a context where character references are not allowed (for example, the character occurs in the name of an element), or a character cannot be serialized because it is not a legal UTF-8 or UTF-16 character.

Response
Determine the bad character and, if possible, replace it with a valid one (or just delete it). Or avoid serialization of the bad character in the current context.

26.2 SER-BADHTMLCHAR
W3C XQuery Standard Equivalent: err:SERE0014

Message Text
Invalid HTML character between #x7F and #x9F: variable1

Cause
The document being serialized as HTML contains an invalid HTML character between #x7F and #x9F.

Response
Avoid serialization of the invalid character as HTML. The document may be serializable as XML.

26.3 SER-BADHTMLPI
W3C XQuery Standard Equivalent: err:SERE0015

Message Text
Cannot use HTML output method when > appears in a PI

Cause
The character > appears in a processing instruction that is being serialized as HTML.
Response
Either try XML serialization, because it does not impose this restriction or remove the > character from the processing instruction.

26.4 SER-BOM
W3C XQuery Standard Equivalent: err:SEPM0016

Message Text
Invalid value for serialization parameter: byte order mark = variable1

Cause
An attempt was made to assign a value other than yes or no to the byte-order-mark (byteOrderMark in JavaScript) output option.

Response
Assign only yes or no values to the byte-order-mark (byteOrderMark in JavaScript) output option.

26.5 SER-CHARMAP
W3C XQuery Standard Equivalent: err:SEPM0016
W3C XSLT Standard Equivalent: err:XTSE1590

Message Text
Character map not found: {variable1}variable2

Cause
Serialization specifies a character map that does not exist.

Response
The output option specifying the character map should be removed, or the output option should instead specify one of the standard character maps normal, math, or pub, or supply the missing map, for example with the use-character-maps output option.

26.6 SER-CHARMAPBAD
W3C XQuery Standard Equivalent: err:SEPM0016

Message Text
Character map not found
26.7 SER-DEFATTRS

Message Text
Invalid value for serialization parameter default attributes.: \textit{variable1}

Cause
An attempt was made to assign a value other than \textit{yes} or \textit{no} to the \texttt{default-attributes} (\texttt{defaultAttributes} in JavaScript) output option.

Response
Assign a \textit{yes} or \textit{no} value to the \texttt{default-attributes} (\texttt{defaultAttributes} in JavaScript) output option.

26.8 SER-DOCTYPESYSMULTIELEMROOT

W3C XQuery Standard Equivalent: \texttt{err:SEPM0004}

Message Text
Cannot specify the options parameter doctype system with multiple element roots.

Cause
You are trying to specify a \texttt{doctype-system} (\texttt{doctypeSystem} in JavaScript) parameter with multiple element roots.

Response
Specify only a single element root for the \texttt{doctype-system} (\texttt{doctypeSystem} in JavaScript) parameter.

26.9 SER-DOCTYPESYSTEM

W3C XQuery Standard Equivalent: \texttt{err:SEPM0009}

Message Text
The doctype system parameter may not be specified with version!=1.0 and omit-xml-declaration=yes

26.10 SER-DOCTYPESYSTOPLEVTXT

W3C XQuery Standard Equivalent: \texttt{err:SEPM0004}

Message Text
Cannot specify the options parameter doctype system with top level text nodes.
26.11 SER-ENCODING  
W3C XQuery Standard Equivalent: err:SESU0007

**Message Text**
Unsupported or invalid encoding: variable1

26.12 SER-ESCURUIATTR  
W3C XQuery Standard Equivalent: err:SEPM0016

**Message Text**
Invalid value for serialization parameter: escape uri attributes: variable1

**Cause**
You have entered an invalid option for the escape-uri-attributes (escapeUriAttributes in JavaScript) serialization parameter.

**Response**
Please enter either yes or no for the escape-uri-attributes (escapeUriAttributes in JavaScript) parameter.

26.13 SER-INCCONTYPE  
W3C XQuery Standard Equivalent: err:SEPM0016

**Message Text**
Invalid value for serialization parameter:include content-type.: variable1

26.14 SER-INDENT  
W3C XQuery Standard Equivalent: err:SEPM0016

**Message Text**
Invalid value for serialization parameter indent: variable1

**Cause**
You have entered an invalid value for the indent parameter.

**Response**
Enter either yes or no (all lower case) for the indent serialization parameter.
26.15 SER-INDENTUNYUPED

Message Text
Invalid value for serialization parameter: indent untyped: variable1

26.16 SER-MEDIATYPE

W3C XQuery Standard Equivalent: err:SEPM0016

Message Text
Invalid value for serialization parameter of a mime type representing the media type: variable1

26.17 SER-METHOD

W3C XQuery Standard Equivalent: err:SEPM0016

W3C XSLT Standard Equivalent: err:XTSE1570

Message Text
Invalid value for serialization parameter method: variable1

Cause
You have entered an invalid value for the serialization method.

Response
Please enter any one of the following for the method serialization parameter: xml, html, xhtml, text (all lower case).

26.18 SER-METHODNS

W3C XQuery Standard Equivalent: err:SEPM0016

W3C XSLT Standard Equivalent: err:XTSE1570

Message Text
Invalid namespace for serialization parameter method: variable1

26.19 SER-NORMFORM

W3C XQuery Standard Equivalent: err:SESU0011

Message Text
Unsupported normalization form: variable1
26.20 SER-OMITXMLDEC
W3C XQuery Standard Equivalent: err:SEPM0016

Message Text
Invalid value for serialization parameter omit-xml-declaration: variable1

Cause
You have provided an invalid option for the serialization parameter omit-xml-declaration (omitXmlDeclaration in JavaScript).

Response
Please enter either yes or no for the serialization parameter omit-xml-declaration (omitXmlDeclaration in JavaScript).

26.21 SER-STANDALONE
W3C XQuery Standard Equivalent: err:SEPM0016

Message Text
Invalid value for serialization parameter standalone: variable1

Cause
You have entered an invalid option for the serialization parameter standalone.

Response
Please enter either yes or no only for the standalone parameter.

26.22 SER-STANDALONEMULTIELEMROOT
W3C XQuery Standard Equivalent: err:SEPM0004

Message Text
Cannot specify a standalone parameter with multiple element roots

26.23 SER-STANDALONEOMITXMLDEC
W3C XQuery Standard Equivalent: err:SEPM0009

Message Text
The standalone parameter has a value other than 'omit' and variable1 = yes
**Cause**
You have entered an unacceptable value for the standalone serialization parameter, when the parameter `omit-xml-declaration` (`omitXmlDeclaration` in JavaScript) has the value `yes`.

**Response**
Only `omit` is an allowed value for the standalone parameter when `omit-xml-declaration` (`omitXmlDeclaration` in JavaScript) is set to `yes`.

**26.24 SER-STANDALONETOPLEVTXT**
W3C XQuery Standard Equivalent: `err:SEPM0004`

**Message Text**
Cannot specify a standalone parameter with top level text nodes

**26.25 SER-UNDECPREF**
W3C XQuery Standard Equivalent: `err:SEPM0016`

**Message Text**
Invalid value for serialization parameter: undeclare prefixes: `variable1`

**26.26 SER-UNDECPREF2**
W3C XQuery Standard Equivalent: `err:SEPM0010`

**Message Text**
Cannot undeclare prefixes with XML 1.0

**26.27 SER-VERSION**
W3C XQuery Standard Equivalent: `err:SESU0013`

**Message Text**
Unsupported or invalid XML or HTML version: `variable1`
27.0 SQL Messages

27.1 SQL-AGGUSAGE

Message Text
Invalid aggregate usage: 'variable1' aggregate cannot be used in this context

27.2 SQL-AMBCOLUMN

Message Text
Ambiguous column reference: found variable1 and variable2

27.3 SQL-AMBIGUOUSTABLE

Message Text
More than one schema contains table with the same name: 'variable1,variable2'

27.4 SQL-BAD

Message Text
Bad variable1

Cause
Normally indicates an internal error condition.

Response
Refer to the full text of the error for additional information. For more assistance, contact MarkLogic Technical Support if you have a current maintenance contract.

27.5 SQL-BADCOLIRI

Message Text
Invalid column IRI: variable1

27.6 SQL-BADCOLLIST

Message Text
Derived column list with incorrect number of column names
27.7 SQL-BADCONSTRAINTOP

**Message Text**
Invalid constraint operator: Invalid operator in constraint on column 'variable2.variable3': \(variable1\)

27.8 SQL-BADCONSTRAINTTYPE

**Message Text**
Bad type for constraint: Column 'variable1.variable2' constraint 'variable3' must be of type variable4

27.9 SQL-BADSTMT

**Message Text**
SQL command invalid: invalid SQL command 'variable1'

27.10 SQL-BADSYSTABINIT

**Message Text**
Bad initialization string for system table: 'variable1'

27.11 SQL-COLUMNLIMIT

**Message Text**
SQL query exceeded column limit: SQL query requires too many columns (variable1) from one view

**Cause**
The query selects more columns from the same view than can be handled without running into memory problems. This usually occurs when a query uses `SELECT *` on a view with a large number of columns.

**Response**
Select only the columns you actually require, or change your view models to limit the number of columns in each view to no more than a couple hundred.
27.12 SQL-CONNCLOSED

Message Text
SQL connection is not open

27.13 SQL-CONNOPEN

Message Text
SQL connection already open

27.14 SQL-DUPLICATETABLE

Message Text
More than one table with the same name: 'variable1.variable2'

27.15 SQL-ERROR

Message Text
SQL error: variable1 failed due to error 'variable2'

27.16 SQL-INVPARM

Message Text
Invalid parameter format: 'variable1' value 'variable2' is invalid

27.17 SQL-MISSINGCOL

Message Text
SQL column missing: Column 'variable1' missing from table 'variable2'

27.18 SQL-MIXENVIRONMENT

Message Text
Node upgrading or downgrading

27.19 SQL-MULTICOLSUBQUERY

Message Text
Multiple columns selected in scalar subquery
27.20 SQL-MULTIROWSUBQUERY

**Message Text**
Single value operator is used to compare with multiple values from Sub-Query

27.21 SQL-NOCOLUMN

**Message Text**
Column not found: variable1

27.22 SQL-NOSUCHPARAM

**Message Text**
No such parameter: No parameter number variable1 in SQL statement

27.23 SQL-NUMBERCOLUMNS

**Message Text**
Number of columns not matched: SELECTs to the left and right of variable1 do not have the same number of result columns

27.24 SQL-ORDEREDNPOPOS

**Message Text**
Missing positions for ordered view: Ordered view 'variable1' needs column 'variable2' to have positions

27.25 SQL-ROLLINGUPGRADEMISMATCH

**Message Text**
Cannot do a query with hash group/hash join during rolling upgrade

27.26 SQL-SELECTNEEDSURI

**Message Text**
Need a URI column to get document contents: Need URI column to select 'variable1' with constraint
27.27 SQL-SSLREQUIRED

**Message Text**
SQL connection requires SSL

27.28 SQL-TABLENOTFOUND

**Message Text**
Unknown table: Table 'variable1.variable2' not found

27.29 SQL-TABLEREINDEXING

**Message Text**
Table is not available until all related reindexing has finished: Table 'variable1.variable2'

**Cause**
The table needs to be reindexed to reflect changes in the related TDE templates (modified, added or deleted). The table will not be available for query as long as its related reindexing has been paused or has not finished.

**Response**
Please check that reindexing of the related templates is done (any template that reference this view). Also check the Database Status Page for related TDE reindexing. It is also possible to check the status of reindex-tde-templates and reindex-deleted-tde-templates in the output xdm:forest-counts(). Most importantly, please make sure that the triple index has not been disabled as the TDE feature requires this index to be switched on.

27.30 SQL-TEMPLATECOLUMNMATCH

**Message Text**
Cannot do template view column matching

27.31 SQL-UNKCONSTRAINTOP

**Message Text**
Unknown constraint operator: Unknown operator in constraint on column 'variable2.variable3': variable1
27.32 SQL-UNKDATEPART

Message Text
Unknown date part: 'variable1'
28.0  SSL Messages

28.1  SSL-BADX509PROP

Message Text
A JSON X509 property that is either wrong or, more likely, that we just don't handle. variable1

28.2  SSL-BADX509V3EXT

Message Text
Bad v3ext. v3ext needs 'critical' and exactly one other property. Possibly too, a property was mis-named or had a bad value.

28.3  SSL-BIOERROR

Message Text
bio function returns error variable1

28.4  SSL-INVOPT

Message Text
invalid option: variable1

28.5  SSL-INVOPTNOD

Message Text
invalid options node: variable1

28.6  SSL-INVOPTVAL

Message Text
invalid option value: variable1

28.7  SSL-INVX509FORM

Message Text
Wrong structure - eg you used an array in place of an object, or a string instead of an object or the like. variable1
28.8 SSL-NOMETHOD

Message Text
neither SSLv3 nor TLS method is configured

28.9 SSL-PKCS12ERROR

Message Text
pkcs12 function returns error variable1
29.0 SVC Messages

29.1 SVC-AWSCRED

Message Text
No AWS security credentials are configured

Response
Configure them in the security section of the Admin GUI or using the Security API.

29.2 SVC-AZURE

Message Text
Azure error: $variable1$ variable2 variable3 variable4 variable5

29.3 SVC-AZURE-ACCT

Message Text
No Azure storage account specified

Response
Configure it in the security section of the Admin GUI or using the Security API. Or specify it in the path with '@' following the container.

29.4 SVC-AZURE-CRED

Message Text
No Azure security credentials are configured

Response
Configure them in the security section of the Admin GUI or using the Security API. Or use Azure IAM.

29.5 SVC-AZURE-PATH

Message Text
Azure pathnames must begin with 'azure:/': 'variable1'
29.6 SVC-AZURE-SOCERR

Message Text
Azure socket error: variable1 variable2 exception_stack

29.7 SVC-BAD

Message Text
Bad variable1

Cause
Normally indicates an internal error condition.

Response
Refer to the full text of the error for additional information. For more assistance, contact MarkLogic Technical Support if you have a current maintenance contract.

29.8 SVC-CANCELED

Message Text
Canceled

Cause
A connection is dropped or a request is canceled by the client.

Response
Retry the operation.

29.9 SVC-CODEPOINT

W3C XQuery Standard Equivalent: err:FOCH0001

Message Text
Codepoint not legal

29.10 SVC-DIRCREAT

Message Text
Directory creation error: variable1 'variable2': variable3
**Cause**
A host operating system function returned an unexpected error while MarkLogic was creating a directory. The host operating system function, directory name, and error message are included in the error report.

**Response**
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

### 29.11 SVC-DIRCWD

**Message Text**
Change working directory error: `variable1 'variable2': variable3`

**Cause**
A host operating system function returned an unexpected error while MarkLogic was changing the working directory. The host operating system function, directory name, and error message are included in the error report.

**Response**
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

### 29.12 SVC-DIRGWD

**Message Text**
Get working directory error: `variable1: variable3`

**Cause**
A host operating system function returned an unexpected error while MarkLogic was getting the working directory. The host operating system function and error message are included in the error report.
Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.13 SVC-DIRITER

Message Text
Error iterating over directory: variable1

Cause
A host operating system file system directory function returned an unexpected error. The host operating system function, directory name, and error message are included in the error report. MarkLogic uses host operating system files for persistent storage.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.14 SVC-DIROPEN

Message Text
Directory open error: variable1 'variable2': variable3

Cause
A host operating system file directory function returned an unexpected error while MarkLogic was opening a directory. The host operating system function, directory name, and error message are included in the error report.

Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.15 SVC-DIRREM

Message Text
Directory removal error: variable1 'variable2': variable3
**Cause**
A host operating system function returned an unexpected error while MarkLogic was removing a directory. The host operating system function, directory name, and error message are included in the error report.

**Response**
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.16 SVC-DIRREN

**Message Text**
Directory rename error: variable1 'variable2': variable3

**Cause**
A host operating system function returned an unexpected error while MarkLogic was renaming a directory. The host operating system function, directory name, and error message are included in the error report.

**Response**
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.17 SVC-DIRSIZE

**Message Text**
Directory get size error: variable1 'variable2': variable3

**Cause**
A host operating system function returned an unexpected error while MarkLogic was getting the size of a directory. The host operating system function, directory name, and error message are included in the error report.
Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.18 SVC-EXTIME

Message Text
Time limit exceeded

Cause
A query or other operation exceeded its processing time limit. Surrounding messages in the log file may pinpoint the operation which timed out. In the example below, the time occurs during re-indexing:

```
Warning: XDMP-FORESTERR: Error in reindex of forest some_forest:
XDMP-REFRAGMENT: Error refragmenting fn:doc("some_doc"):
SVC-EXTIME: Time limit exceeded
```

Response
If you determine the cause of the timeout is an inefficient or incorrect query, tune your query.

If you determine the cause of the timeout is an inadequate processing limit, you may be able to configure a more generous limit through the Admin Interface.

For more information on configuring timeouts, see the Administrator's Guide.

29.19 SVC-FAILED

Message Text
Failed

29.20 SVC-FILCHMD

Message Text
File chmod error: variable1 'variable2': variable3

Cause
A host operating system file function returned an unexpected error while MarkLogic was changing the permissions of a file. The host operating system function, file name, and error message are included in the error report.
Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.21 SVC-FILCHWN

Message Text
File chown error: variable1 'variable2': variable3

Cause
A host operating system file function returned an unexpected error while MarkLogic was changing the ownership of a file. The host operating system function, file name, and error message are included in the error report.

Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.22 SVC-FILCLS

Message Text
File close error: variable1 'variable2': variable3

Cause
A host operating system file function returned an unexpected error while MarkLogic was closing a file. The host operating system function, file name, and error message are included in the error report.
Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.23 SVC-FILCOPY

Message Text
File copy error: variable1 variable2: variable3

Cause
A host operating system file function returned an unexpected error while MarkLogic was copying a file. The host operating system function, file name, and error message are included in the error report.

Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.24 SVC-FILCOPYX

Message Text
Source file does not exist: variable1

29.25 SVC-FILCREAT

Message Text
File creation error: variable1 'variable2': variable3

Cause
A host operating system file function returned an unexpected error while MarkLogic was creating a file. The host operating system function, file name, and error message are included in the error report.
Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.26 SVC-FILEIO

Message Text
File I/O error: variable1

Cause
A host operating system file function returned an unexpected error. The host operating system function, file name, and error message are included in the error report. MarkLogic uses host operating system files for persistent storage.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.27 SVC-FILIO

Message Text
File I/O error: variable1 'variable2': variable3

Cause
A host operating system file function returned an unexpected error while MarkLogic was accessing a file. The host operating system function, file name, and error message are included in the error report.

Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.
29.28 SVC-FILLNK

**Message Text**
File or directory should not be a link: `variable1`

**29.29 SVC-FILOPN**

**Message Text**
File open error: `variable1 'variable2': variable3`

**Cause**
A host operating system file function returned an unexpected error while MarkLogic was opening a file. The host operating system function, file name, and error message are included in the error report.

**Response**
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

**29.30 SVC-FILRD**

**Message Text**
File read error: `variable1 'variable2': variable3`

**Cause**
A host operating system file function returned an unexpected error while MarkLogic was reading a file. The host operating system function, file name, and error message are included in the error report.

**Response**
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.
29.31 SVC-FILREM

**Message Text**
File removal error: variable1 'variable2': variable3

**Cause**
A host operating system file function returned an unexpected error while MarkLogic was removing a file. The host operating system function, file name, and error message are included in the error report.

**Response**
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.32 SVC-FILREN

**Message Text**
File rename error: variable1 'variable2': variable3

**Cause**
A host operating system file function returned an unexpected error while MarkLogic was renaming a file. The host operating system function, file names, and error message are included in the error report.

**Response**
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.33 SVC-FILRES

**Message Text**
File reserve error: variable1 'variable2': variable3
Cause
A host operating system function returned an unexpected error while MarkLogic was reserving space for a file. The host operating system function, file name, and error message are included in the error report.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.34 SVC-FILSTAT

Message Text
File status error: variable1 'variable2': variable3

Cause
A host operating system file function returned an unexpected error while MarkLogic was checking the status of a file. The host operating system function, file name, and error message are included in the error report.

Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.35 SVC-FILTCH

Message Text
File touch error: variable1 'variable2': variable3

Cause
A host operating system file function returned an unexpected error while MarkLogic was touching a file. The host operating system function, file name, and error message are included in the error report.
Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.36 SVC-FILTRN

Message Text
File truncate error: variable1 'variable2': variable3

Cause
A host operating system file function returned an unexpected error while MarkLogic was truncating a file. The host operating system function, file name, and error message are included in the error report.

Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.37 SVC-FILUTM

Message Text
File utime error: variable1 'variable2': variable3

Cause
A host operating system file function returned an unexpected error while MarkLogic was updating the times on a file. The host operating system function, file name, and error message are included in the error report.
Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.38 SVC-FILWRT

Message Text
File write error: variable1 'variable2': variable3

Cause
A host operating system file function returned an unexpected error while MarkLogic was writing a file. The host operating system function, file name, and error message are included in the error report.

Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.39 SVC-HDFSNETLOC

Message Text
HDFS URI missing netloc: variable1

29.40 SVC-HDFSNOT

Message Text
HDFS not available for 'variable1': variable2

29.41 SVC-HDFSPATH

Message Text
HDFS URI missing path: variable1
29.42 SVC-INTERNAL

Message Text
Internal error: `variable1`

29.43 SVC-JXMLCHAR

Message Text
Java string contains non-XML character: `variable1`

29.44 SVC-KRBHDFSAUTH

Message Text
HDFS Kerberos authentication failed for `variable1`: `variable2`

29.45 SVC-LOGSTD

Message Text
Redirect standard I/O to log error: `variable1 'variable2': variable3`

Cause
A host operating system function returned an unexpected error while MarkLogic was redirecting standard I/O to a log file. The host operating system function and error message are included in the error report.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.46 SVC-MAPFL

Message Text
Mapped file flush error: `variable1 'variable2': variable3`

Cause
A host operating system memory-mapped file function returned an unexpected error while MarkLogic was flushing modified pages of a memory-mapped file. The host operating system function, file name, and error message are included in the error report. MarkLogic uses host operating system memory-mapped files for persistent storage.
Response
See the host operating system documentation for the precise meaning of the error message. Check that files have permissions allowing MarkLogic access. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.47 SVC-MAPINI

Message Text
Mapped file initialization error: variable1 'variable2': variable3

Cause
A host operating system memory-mapped file function returned an unexpected error while MarkLogic was mapping a file. The host operating system function, file name, and error message are included in the error report. MarkLogic uses host operating system memory-mapped files for persistent storage.

Response
See the host operating system documentation for the precise meaning of the error message. Check that files have permissions allowing MarkLogic access. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.48 SVC-MAPUN

Message Text
Mapped file unmapping error: variable1 'variable2': variable3

Cause
A host operating system memory-mapped file function returned an unexpected error while MarkLogic was unmapping file. The host operating system function, file name, and error message are included in the error report. MarkLogic uses host operating system memory-mapped files for persistent storage.

Response
See the host operating system documentation for the precise meaning of the error message. Check that files have permissions allowing MarkLogic access. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.
29.49 SVC-MEMALLOC

**Message Text**
Memory allocation error: \textit{variable1 variable2} bytes: \textit{variable3}

**Cause**
A host operating system memory allocation function returned an unexpected error. The host operating system function, allocation size, and error message are included in the error report.

**Response**
Check the queries to see if they can be made more memory efficient. Increase the amount of memory on the host. Increase the amount of swap space on the host. Reduce the configured cache sizes on the host. See the MarkLogic technical note on troubleshooting out-of-memory issues.

29.50 SVC-MEMCANCELED

**Message Text**
Canceled because of memory usage on host \textit{variable1}, requestMemory=\textit{variable2}, totalMemory=\textit{variable3}, memoryLimit=\textit{variable4}

**Cause**
The request was cancelled because its memory usage was too high.

**Response**
Retry the operation.

29.51 SVC-MEMINT

**Message Text**
Internal memory allocation error: \textit{variable1} bytes

29.52 SVC-MEMORY

**Message Text**
Memory exhausted

**Cause**
The memory capacity of the host has been exhausted.
Response
Check the queries to see if they can be made more memory efficient. Increase the amount of memory on the host. Increase the amount of swap space on the host. Reduce the configured cache sizes on the host. See the MarkLogic technical note on troubleshooting out-of-memory issues.

29.53 SVC-MUTACQ

Message Text
Mutex acquire error: variable1: variable2

Cause
A host operating system mutex function returned an unexpected error while MarkLogic was acquiring a mutex. The host operating system function and error message are included in the error report. MarkLogic uses host operating system mutexes for internal synchronization.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.54 SVC-MUTINI

Message Text
Mutex initialization error: variable1: variable2

Cause
A host operating system mutex function returned an unexpected error while MarkLogic was initializing a mutex. The host operating system function and error message are included in the error report. MarkLogic uses host operating system mutexes for internal synchronization.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.55 SVC-MUTREL

Message Text
Mutex release error: variable1: variable2
Cause
A host operating system mutex function returned an unexpected error while MarkLogic was releasing a mutex. The host operating system function and error message are included in the error report. MarkLogic uses host operating system mutexes for internal synchronization.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.56 SVC-NOJCLASS

Message Text
variable3

29.57 SVC-NOJVM

Message Text
No Java VM: variable1

29.58 SVC-PROCESSDONE

Message Text
Process done error: variable1: variable2

29.59 SVC-PROCESSEXEC

Message Text
Process exec error: variable1

29.60 SVC-PROCESSKILL

Message Text
Process kill error: variable1: variable2

29.61 SVC-PROCESSRUN

Message Text
Process run error: variable1: variable2
29.62 SVC-PROCESSWAIT

Message Text
Process wait error: variable1: variable2

29.63 SVC-RAND

Message Text
Random number generator error: variable1: variable2

29.64 SVC-S3COMMIT

Message Text
S3 commit error for 'variable1': variable2

29.65 SVC-S3ERR

Message Text
S3 error: variable1 variable2 variable3 variable4 variable5

29.66 SVC-S3JOURNAL

Message Text
S3 cannot journal

29.67 SVC-S3PATH

Message Text
S3 pathnames must begin with 's3://': 'variable1'

29.68 SVC-S3SOCERR

Message Text
S3 socket error: variable1 variable2 exception_stack

29.69 SVC-SEMINI

Message Text
Semaphore initialization error: variable1: variable2 variable3
**Cause**
A host operating system semaphore function returned an unexpected error while MarkLogic was initializing a semaphore. The host operating system function and error message are included in the error report. MarkLogic uses host operating system semaphores for internal synchronization.

**Response**
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

**29.70 SVC-SEMPOST**

**Message Text**
Semaphore post error: variable1: variable2 variable3

**Cause**
A host operating system semaphore function returned an unexpected error while MarkLogic was posting semaphore. The host operating system function and error message are included in the error report. MarkLogic uses host operating system semaphores for internal synchronization.

**Response**
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

**29.71 SVC-SEMVAL**

**Message Text**
Semaphore value error: variable1: variable2 variable3

**Cause**
A host operating system semaphore function returned an unexpected error while MarkLogic was reading the value of a semaphore. The host operating system function and error message are included in the error report. MarkLogic uses host operating system semaphores for internal synchronization.

**Response**
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.
29.72 SVC-SEMWAIT

**Message Text**
Semaphore wait error: variable1: variable2 variable3

**Cause**
A host operating system semaphore function returned an unexpected error while MarkLogic was waiting for a semaphore. The host operating system function and error message are included in the error report. MarkLogic uses host operating system semaphores for internal synchronization.

**Response**
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.73 SVC-SHUTDOWN

**Message Text**
Shutdown

29.74 SVC-SOCACC

**Message Text**
Socket accept error: variable1 variable2: variable3

**Cause**
A host operating system socket function returned an unexpected error while MarkLogic was accepting a connection on a socket. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.

**Response**
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.75 SVC-SOCAVA

**Message Text**
Socket available error: variable1 variable2: variable3
**Cause**
A host operating system socket function returned an unexpected error while MarkLogic was checking if data is available on a socket. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.

**Response**
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

### 29.76 SVC-SOCBIND

**Message Text**
Socket bind error: variable1 variable2: variable3

**Cause**
A host operating system socket function returned an unexpected error while MarkLogic was binding a socket. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.

**Response**
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

### 29.77 SVC-SOCBUF

**Message Text**
Socket error: variable1 variable2: variable3

**Cause**
A host operating system socket function returned an unexpected error while MarkLogic was performing buffered I/O on a socket. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.
Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.78 SVC-SOCCLOSE

Message Text
Socket close error: variable1 variable2: variable3

Cause
A host operating system socket function returned an unexpected error while MarkLogic was closing a socket. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.79 SVC-SOCCONN

Message Text
Socket connect error: variable1 variable2: variable3

Cause
A host operating system socket function returned an unexpected error while MarkLogic was making a connection on a socket. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.80 SVC-SOCCREAT

Message Text
Socket creation error: variable1 variable2: variable3
**Cause**
A host operating system socket function returned an unexpected error while MarkLogic was creating a socket. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.

**Response**
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

**29.81 SVC-SOCERR**

**Message Text**
Socket error: `variable1 variable2: variable3`

**Cause**
A host operating system socket function returned an unexpected error. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.

**Response**
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

**29.82 SVC-SOCHN**

**Message Text**
Socket hostname error: `variable1 variable2: variable3`

**Cause**
A host operating system socket function returned an unexpected error while MarkLogic was looking up a host name. The host operating system function, host name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.

**Response**
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.
29.83 SVC-SOCHNLEN

Message Text
Socket hostname too long: variable1

Cause
A host name passed to MarkLogic is too long to be resolved to an address.

Response
Use a shorter host name.

29.84 SVC-SOCKET

Message Text
Socket error: variable1

Cause
A host operating system socket function returned an unexpected error during initialization. The host operating system function and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.85 SVC-SOCLIST

Message Text
Socket listen error: variable1 variable2: variable3

Cause
A host operating system socket function returned an unexpected error while MarkLogic was listening on a socket. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.
**Response**

See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

**29.86 SVC-SOCNAME**

**Message Text**

Socket name error: variable1 variable2: variable3

**Cause**

A host operating system socket function returned an unexpected error while MarkLogic was getting the name of a socket. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.

**Response**

See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

**29.87 SVC-SOCPEER**

**Message Text**

Socket peer name error: variable1 variable2: variable3

**Cause**

A host operating system socket function returned an unexpected error while MarkLogic was getting the peer name from socket. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.

**Response**

See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

**29.88 SVC-SOCRECV**

**Message Text**

Socket receive error: variable1 variable2: variable3
**Cause**
A host operating system socket function returned an unexpected error while MarkLogic was receiving data over a socket. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.

**Response**
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

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**29.89 SVC-SOCSEND**

**Message Text**
Socket send error: variable1 variable2: variable3

**Cause**
A host operating system socket function returned an unexpected error while MarkLogic was sending data over a socket. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.

**Response**
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

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**29.90 SVC-SOCSHUT**

**Message Text**
Socket shutdown error: variable1 variable2: variable3

**Cause**
A host operating system socket function returned an unexpected error while MarkLogic was shutting down a socket. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.
Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.91 SVC-SOCWAIT

Message Text
Socket wait error: variable1 variable2: variable3

Cause
A host operating system socket function returned an unexpected error while MarkLogic was waiting on a socket. The host operating system function, socket name, and error message are included in the error report. MarkLogic uses host operating system sockets for communicating over the network.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.92 SVC-STRFTIMEYEAR

Message Text
Year cannot be formatted: variable1

29.93 SVC-STRINGTOOBIG

Message Text
Cannot construct string larger than variable1.

Cause
Constructed strings cannot be larger than 4GB to 16GB, depending on memory and operating system.

Response
Break your data up in smaller parts.
29.94 SVC-SYSCALLERR

Message Text
System call error: variable1 variable2: variable3

29.95 SVC-TEST

Message Text
Services testing error: variable1

29.96 SVC-THRCREAT

Message Text
Thread creation error: variable1: variable2

Cause
A host operating system thread function returned an unexpected error while MarkLogic was creating a thread. The host operating system function and error message are included in the error report. MarkLogic uses host operating system threads for concurrent processing.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.97 SVC-THREXIT

Message Text
Thread exit: variable1: variable2

Cause
A host operating system thread function returned an unexpected error while MarkLogic was exiting a thread. The host operating system function and error message are included in the error report. MarkLogic uses host operating system threads for concurrent processing.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.
29.98 SVC-THRINIT

Message Text
Thread initialization error: variable1: variable2

Cause
A host operating system thread function returned an unexpected error while MarkLogic was initializing a thread. The host operating system function and error message are included in the error report. MarkLogic uses host operating system threads for concurrent processing.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.99 SVC-THRPRIOR

Message Text
Thread priority error: variable1: variable2

Cause
A host operating system thread function returned an unexpected error while MarkLogic was changing the priority of a thread. The host operating system function and error message are included in the error report. MarkLogic uses host operating system threads for concurrent processing.

Response
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

29.100 SVC-THRSLEEP

Message Text
Thread sleep error: variable1: variable2

Cause
A host operating system thread function returned an unexpected error while MarkLogic was sleeping a thread. The host operating system function and error message are included in the error report. MarkLogic uses host operating system threads for concurrent processing.
**Response**
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

**29.101SVC-UNCTHRW**

**Message Text**
```
variable1: Uncaught throw
```

**29.102SVC-UTF8SEQ**

**Message Text**
Invalid UTF-8 escape sequence: `variable1`

**29.103SVC-VOLSTAT**

**Message Text**
Volume status error: `variable1 'variable2': variable3`

**Cause**
A host operating system file volume status function returned an unexpected error. The host operating system function, volume name, and error message are included in the error report. MarkLogic uses host operating system files for persistent storage.

**Response**
See the host operating system documentation for the precise meaning of the error message. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.
30.0 TDE Messages

30.1 TDE-BADNODEINCHILDEXTENSION

Message Text
Collection scopes, directory scopes, and path-namespaces cannot be declared in child extraction templates, bad node: : variable1

Cause
Collection scopes, directory scopes, and path-namespaces cannot be declared in child extraction templates.

Response
Move the collection scopes, directory scopes and the path-namespaces to the top-level template.

30.2 TDE-BADVALUATION

Message Text
Invalid val expression: variable1

Cause
Incorrect Template val expression.

Response
Fix the Template val expression.

30.3 TDE-ERROR

Message Text
Compile for variable1= variable2 returns variable3

Cause
The XQuery expression could not be compiled correctly

Response
Check if the XQuery expression is valid (syntax error)
30.4 TDE-CONTEXT&EVALFAILED

Message Text
Eval for context='variable1' has failed

Cause
The context expression in the template could not be evaluated correctly on one of the nodes in the document

Response
Check if the context expression can be evaluated against the nodes in the failing document

30.5 TDE-EVALFAILED

Message Text
Eval for variable1='variable2' returns variable3

Cause
The XQuery expression could not be evaluated correctly

Response
Check if the XQuery expression can be evaluated correctly with the current context

30.6 TDE-INCONSISTENTVIEW

Message Text
View declaration is not consistent across extraction templates: variable1

Cause
The view declaration is not consistent across extraction templates

Response
Check the view declaration, and make sure that non-nullable columns have the same scalar type and nullability. Also check the view-layout setting

30.7 TDE-INDEX

Message Text
Error applying template variable1 to document variable2: exception_stack
**Cause**
User inserted a document where certain data caused an error in one of the extraction templates. The most common causes are wrong data-type, missing data for the specified column or triple, the template matched multiple nodes (revisit the context or the val expression). Also user didn't set the invalid-values option in the row/triple configuration.

**Response**
Check the error returned. Either change the data-type in the template, fix the val expression or modify the context matching. If any of those cannot be changed and you still want to insert the data, set the invalid-values option to "ignore" either on the column or the triple's subject, predicate or object.

**30.8 TDE-INVALIDCOLUMNNAME**

**Message Text**
The specified column doesn't exist.: could not find column "variable1" under view "variable2" and schema "variable3"

**Cause**
The specified column doesn't exist.

**Response**
Verify column, view and schema names.

**30.9 TDE-INVALIDCOLUMNPERMISSIONS**

**Message Text**
The specified column permissions are not valid.: The specified column permissions are not valid.

**Cause**
The specified column permissions are not valid.

**Response**
Verify the format of column permissions.

**30.10 TDE-INVALIDENABLEDNODE**

**Message Text**
The enabled element can only be used in the top-level template. Child templates cannot be enabled/disabled separately, bad node: variable1
Cause
The enabled element can only be used in the top-level template. Child templates cannot be enabled/disabled separately.

Response
Move the enabled element to the top-level template.

30.11 TDE-INVALIDSQLNAME

Message Text
Invalid SQL object name: "variable1"

Cause
Invalid SQL database object name

Response
Check that the column, view or schema name complies with the SQL identifiers naming rules.

30.12 TDE-INVALIDSQLNAMENODE

Message Text
Invalid SQL object name: "variable1" for variable2

Cause
Invalid SQL database object name

Response
Check that the column, view or schema name complies with the SQL identifiers naming rules.

30.13 TDE-INVALIDTEMPLATE

Message Text
Invalid TDE template: variable1

Cause
Invalid TDE template

Response
Invalid TDE template
30.14 TDE-INVALIDTEMPLATENODE

Message Text
Invalid extraction template node: variable1

Cause
The extraction template does not follow the schema

Response
Check the extraction template format and validate against the schema

30.15 TDE-INVALIDVIEWNAME

Message Text
The specified view doesn't exist.: could not find view "variable1" under schema "variable2"

Cause
The specified view doesn't exist.

Response
Verify view and schema names.

30.16 TDE-MISSINGCOLUMNDATA

Message Text
The specified column ID doesn't exist.: could not find column ID for variable1

Cause
The specified column ID doesn't exist.

Response
Verify that the column ID is correct.

30.17 TDE-MISSINGSCOPE

Message Text
A directory or collection scope is required for the current context: variable1
**30.18 TDE-NOSCHEMADB**

**Message Text**
No schema database for TDE resource: variable1

**Cause**
The content database does not have a schema database.

**Response**
Make sure that the correct schema database is attached to the content database.

**30.19 TDE-PROTECTEDCOLUMN**

**Message Text**
A column that has protected triples must be nullable: variable1

**Cause**
A column that has protected triples must be nullable

**Response**
Make sure to set the column as nullable if it has protected triples.

**30.20 TDE-REPEATEDCOLUMN**

**Message Text**
A column is declared more than once in the same template row: column "variable1" under view "variable2" and schema "variable3"

**Cause**
A column is declared more than once in the same template row.

**Response**
Make sure the column is declared only once in the template row.
30.21 TDE-ROLLINGUPGRADE

Message Text
Cannot add a TDE template during rolling upgrade: variable1

Cause
Adding a TDE template when the cluster has not been fully upgraded.

Response
Make sure to upgrade all the nodes before inserting TDE templates.

30.22 TDE-VIEWCONFLICT

Message Text
View name conflict between an extraction template view and a range index based view: view "variable1" and schema "variable2"

Cause
View name conflict between an extraction template view and a range index based view

Response
Make sure the (schema name, view name) combination is unique between extraction template views and range index-based views
31.0 TEMPORAL Messages

31.1 TEMPORAL-AXISINUSE

Message Text
Cannot delete axis variable2 still referenced by temporal collection variable1

Cause
Cannot delete axis still use by temporal collection.

Response
Delete the temporal collection with temporal:collection-remove() first to delete this axis.

31.2 TEMPORAL-AXISNOTFOUND

Message Text
Temporal axis variable1 is not found

Cause
The specified temporal axis does not exist.

Response
Use an existing temporal axis.

31.3 TEMPORAL-BADLSQT

Message Text
LSQT file for temporal collection is in bad format

Cause
The specified LSQT file is not formatted correctly.

Response
Use temporal:advance-LSQT() to overwrite.
31.4  TEMPORAL-BADTIMEASTAMP

Message Text
Timestamp provided is not in valid dateTime format

31.5  TEMPORAL-CANNOT-URI

Message Text
Cannot use variable1 as temporal URI, it cannot be "latest" or name of temporal collection

Cause
The specified URI is not valid for a temporal URI.

Response
Choose a different URI.

31.6  TEMPORAL-COLLECTIONLATEST

Message Text
Cannot use "latest" as a temporal collection or in collection parameter

Cause
The URI "latest" cannot be used for this URI.

Response
Choose a different URI.

31.7  TEMPORAL-COLLECTIONNOTEMPTY

Message Text
Cannot create/remove collection variable1 that is not empty

Cause
There is document in the specified collection.

Response
If you are trying to delete temporal collection that has documents, you need to set its option to "updates-admin-overrides" and perform delete with admin privilege.
31.8 TEMPORAL-COLLECTIONNOTFOUND

**Message Text**
Temporal collection variable1 is not found

**Cause**
The specified temporal collection does not exist.

**Response**
Use an existing temporal collection or create a new temporal collection.

31.9 TEMPORAL-COLLECTIONTEMPORAL

**Message Text**
Cannot use variable1 in the collection parameter since it is a temporal collection

**Cause**
The specified collection is the same as the temporal collection.

**Response**
Choose a different URI than the temporal collection.

31.10 TEMPORAL-COLLECTIONURI

**Message Text**
Cannot use document uri variable1 in the collection parameter for insertion into temporal collection

**Cause**
The specified collection is the same as the temporal collection.

**Response**
Choose a different URI than the temporal collection.

31.11 TEMPORAL-CONFLICTINGOPTIONS

**Message Text**
Options variable1 provided are conflicting
**Cause**  
The specified temporal options cannot be used together.

**Response**  
Choose options that are not conflicting.

**31.12 TEMPORAL-CONFLICTINGURIS**

**Message Text**  
More than one version URI specified for temporal document *variable1*

**31.13 TEMPORAL-DOCNOTFOUND**

**Message Text**  
Document not found

**31.14 TEMPORAL-DUPAXIS**

**Message Text**  
Cannot create axis *variable1* that already exists in the schema database

**Cause**  
The temporal axis already exists in the schemas database.

**Response**  
You cannot create an axis that already exists.

**31.15 TEMPORAL-DUPCOLLECTION**

**Message Text**  
Cannot create collection *variable1* that already exists in the schema database

**Cause**  
Database with the same Schema database share same temporal configuration such as axis and temporal collection.

**Response**  
Check what temporal collection already exist with temporal:collections().
31.16 TEMPORAL-EMPTYCOLLECTIONNAME

**Message Text**
Temporal collection name cannot be empty

**Cause**
Temporal collection name cannot be empty.

**Response**
Provide an existing temporal collection name.

31.17 TEMPORAL-GTLSQT

**Message Text**
Timestamp \textit{variable1} provided is greater than LSQT \textit{variable2}, cannot perform current-query to provide stable result, please provide a timestamp before LSQT

**Cause**
The specified LSQT timestamp is not within the proper range.

**Response**
Provide a timestamp before the second LSQT.

31.18 TEMPORAL-INVALIDDURATION

**Message Text**
The specified duration option \textit{variable1} is invalid

31.19 TEMPORAL-INVALIDEXPTIME

**Message Text**
The specified expire time option \textit{variable1} is invalid

31.20 TEMPORAL-INVALIDPATH

**Message Text**
The specified archive path option \textit{variable1} is invalid
**Cause**
The archive path cannot contain ','.

**Response**
Remove ',' in the archive path.

**31.21 TEMPORAL-LSQT-AUTOMATION-OFF**

**Message Text**
LSQT automation on temporal collection *variable1* is turned off.

**Cause**
LSQT automation on the specified temporal collection is turned off.

**Response**
Use temporal:set-lsqt-automation(true()) to turn it on.

**31.22 TEMPORAL-LSQTAUTOMATIONOFF**

**Message Text**
Automation period is only available when automation is set to on.

**Cause**
Cannot set automation period when automation is off.

**Response**
Use temporal:set-lsqt-automation(true()) to turn it on.

**31.23 TEMPORAL-MANAGED-METADATA**

**Message Text**
The metadata *variable1* is system-managed and cannot be updated.

**Cause**
The temporal document being created contains system-managed metadata or the temporal document being updated contains system-managed metadata that is different from the original value.
Response
Remove or rename the metadata key.

31.24 TEMPORAL-NODEDELETEROOT

Message Text
Cannot delete document root with temporal:node-delete

31.25 TEMPORAL-NOEXIST

Message Text
No expire time is available for archive

Cause
A valid duration or expire time is required to archive the protected document

Response
Specify a valid duration or expire time for the document.

31.26 TEMPORAL-NOLST

Message Text
LSQT is not set up on the temporal collection variable1

Cause
The specified temporal collection does not have Last Stable Query Time (LSQT) set up.

Response
Use temporal:set-use-LSQT() to turn LSQT on.

31.27 TEMPORAL-NONDATE

Message Text
Range index provided is not typed dateTime

Cause
The range index is not of type dateTime.
Response
Temporal range indexes must be of type dateTime. Add a new index or change the existing index to dateTime.

31.28 TEMPORAL-NOSCHEMADB

Message Text
No schema database for temporal resource: variable1

Cause
The content database does not have a schema database.

Response
Make sure that the correct schema database is attached to the content database.

31.29 TEMPORAL-NOTDOCURI

Message Text
URI variable1 is not a temporal document URI

31.30 TEMPORAL-NOTINCOLLECTION

Message Text
Document variable1 is not in temporal collection variable2

31.31 TEMPORAL-NOTSYSTEMORVALID

Message Text
Axis variable1 is neither "system" nor "valid"

Cause
The specified axis is neither "system" nor "valid".

Response
Specify either "system" or "valid."
### 31.32 TEMPORAL-NOVALID

**Message Text**
Valid axis is not specified for temporal collection `variable1`

### 31.33 TEMPORAL-OPNOTAFTERLSQT

**Message Text**
Can only perform operation on temporal collection `variable1` with system time set after LSQT

**Cause**
Can only perform operation on the temporal collection with system time set after LSQT.

**Response**
Pass in a time greater than LSQT in `temporal:statement-set-system-time()`.

### 31.34 TEMPORAL-PERIOD-START-GE-END

**Message Text**
cannot create `cts:period`, start time must be before end time

**Cause**
The specified temporal start time must be before the end time.

**Response**
Provide a `cts:period` whose start time is less than end time.

### 31.35 TEMPORAL-PROTECTED

**Message Text**
The document `variable1` is protected `variable2`

### 31.36 TEMPORAL-SAME-AXIS

**Message Text**
Cannot create temporal collection with system and valid both using the same axis

**Cause**
The system and valid axis must be different.
**Response**

Choose a different system or valid axis.

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**31.37 TEMPORAL-SAMEDOCURI**

**Message Text**

Version URI variable1 is the same as document URI variable2

---

**31.38 TEMPORAL-SYSTEMTIME-BACKWARDS**

**Message Text**

System time can only go forward for the same URI variable1 in temporal collection

**Cause**

System time can only go forward for the same URI in temporal collection.

**Response**

Choose another timestamp that is greater than the largest system time for this URI. To find what that timestamp is, you can check the content of fn:doc($URI).

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**31.39 TEMPORAL-SYSTIME-MUSTGETAFTERSET**

**Message Text**

Cannot get system time before it is set

**Cause**

Cannot get system time before it is set.

**Response**


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**31.40 TEMPORAL-TEMPORALDOCURINOTFOUND**

**Message Text**

The metadata TemporalDocURI is not found.

**Cause**

The temporal node builtin functions require temporal document URI stored in the document metadata.
Response
Specify the temporal-doc-uri optional argument for temporal documents upgraded from MarkLogic 8.

31.41 TEMPORAL-UNPROTECTED

Message Text
Cannot wipe temporal document variable1 which is unprotected

31.42 TEMPORAL-UPDATEBEFOREVERSIONURI

Message Text
Updates to variable1 are made before version URI variable2 is specified

31.43 TEMPORAL-URIEXISTS

Message Text
A fragment with URI variable1 already exists

31.44 TEMPORAL-VALIDTIME-START-GE-END

Message Text
Cannot ingest a document with URI variable1 with valid start time greater or equal to valid end time to temporal collection

Cause
Cannot ingest a document with valid start time greater or equal to valid end time to temporal collection.

Response
Change the content of document being ingested to have valid time start less then end.
32.0 THSR Messages

32.1 THSR-DUPSYN

Message Text
entry: variable1 has duplicate synonym: variable2

Cause
You tried to create a thesaurus entry with duplicate synonyms for the same term.

Response
Before creating a thesaurus entry, make sure each synonym for that term is unique.

32.2 THSR-EMPTYTERM

Message Text
Empty term node not allowed: variable1

Cause
You tried to add a thesaurus entry with an empty term element.

Response
Given the term element a value and try again.

32.3 THSR-HASSYN

Message Text
Term already has synonym: variable1 has variable2

Cause
You tried to add a synonym that already exists for that term.

Response
Each synonym for a term must be unique. Do not try to add duplicate synonyms for the same term.
32.4 THSR-INVENTNODE

Message Text
Invalid variable1 node in entry: variable2

32.5 THSR-INVENTRYELEM

Message Text
Invalid element in entry: variable1

Cause
You tried to create a thesaurus entry with an invalid element in the entry element.

Response
Check that your entry element contains only valid elements such as term and synonym.

32.6 THSR-INVPOSNODE

Message Text
Invalid node in part-of-speech: variable1

32.7 THSR-INVQUALNODE

Message Text
Invalid node in qualifiers: variable1

32.8 THSR-INVSNNODE

Message Text
Invalid node in scope-notes: variable1

32.9 THSR-INVSYNELEM

Message Text
Invalid element in synonym: variable1

Cause
You tried to create a thesaurus entry with an invalid element in the synonym element.
Response
Check that your entry's synonym element contains only valid elements, such as term and part-of-speech.

32.10 THSR-INVSYNNODE

Message Text
Invalid variable1 node in synonym: variable2

32.11 THSR-INVTERMNODE

Message Text
Invalid node in term: variable1

Cause
You tried to create a thesaurus entry with an invalid node in the term element.

Response
The term element in a thesaurus entry must not contain other nodes.

32.12 THSR-MULTTERMS

Message Text
Multiple terms for a single entry not allowed

32.13 THSR-NODENIN

Message Text
variable1 node not in thesaurus namespace

32.14 THSR-NONENTRY

Message Text
Non entry element one level deep: variable1

32.15 THSR-NOSYN

Message Text
No synonyms for an entry not allowed
Cause
You tried to create a thesaurus entry with a term but no synonyms.

Response
When you create a thesaurus entry you must include at least 1 synonym.

32.16 THSR-NOTASTRING

Message Text
variable1 isnot a string: variable2

32.17 THSR-NOTERM

Message Text
No term for an entry not allowed

Cause
You tried to create a thesaurus entry with no entry/term element.

Response
Check that your entry has a term element child of the entry element.

32.18 THSR-NOTHSR

Message Text
Thesaurus not found: variable1

32.19 THSR-TOPNT

Message Text
Top level node is not a thesaurus node: variable1
33.0 TRGR Messages

33.1 TRGR-COLSCOPURI

Message Text
Collection scope does not have trgr:uri

Cause
An attempt was made to create or update a trigger with a collection scope that was missing a uri
element. The URI is required.

Response
Fix the application to provide a URI for the collection-scope.

33.2 TRGR-CONTENT

Message Text
Invalid Content

Cause
An invalid content element was supplied as the content parameter when creating a trigger data
event. Create the trgr:trigger-data-event content parameter using the API functions

Response
Correct your code.

33.3 TRGR-CONTENTCOUNT

Message Text
Data event should only have one content

Cause
A trigger data event definition includes more than one content element.

Response
Remove all but one content element from your trigger definition. See trgr:trigger-data-event,
or "Using Triggers to Spawn Actions" in the Application Developer's Guide.
33.4 TRGR-DATABASE

Message Text
Database does not exist: variable1

Cause
A trigger definition contains an invalid database id, or an invalid database id was supplied to trgr:trigger-module

Response
Correct the code by supplying the id of an existing database in the trigger definition or to trgr:trigger-module.

33.5 TRGR-DIRSCOPE

Message Text
Directory scope missing trgr:uri and/or trgr:depth

Cause
The XML node describing the directory scope of a trigger data event definition does not include at least one of trgr:uri or trgr:depth.

Response
Use trgr:directory-scope to construct a valid directory scope definition to pass to trgr:trigger-data-event.

33.6 TRGR-DIRSLASH

Message Text
Directory URI must end with '/'

Cause
The directory URI in a trigger directory scope definition does not end with '/'. For example:

```
trgr:directory-scope("/must/end/with/slash", "infinity")
```

Response
Correct the directory URI to end with '/'. For example:

```
trgr:directory-scope("/must/end/with/slash/", "infinity")
```
33.7 TRGR-DOCCONTENT

Message Text
Invalid Document Content

Cause
The content part of a data event trigger does not include a valid update kind, or the update kind passed to `trgr:document-content` is invalid. The update kind must be one of "create", "modify" or "delete".

Response
Correct your code to have a valid update kind. For details, see `trgr:document-content`.

33.8 TRGR-DOCSCOPEURI

Message Text
Document scope does not have `trgr:uri`

Cause
An attempt was made to create or update a trigger with a document scope that was missing a uri element. The URI is required.

Response
Fix the application to provide a URI for the document-scope.

33.9 TRGR-EMPTYNAME

Message Text
Trigger name not supplied

Cause
An attempt was made to create or update a trigger definition where the name of the trigger was empty.

Response
Fix the application to provide a non-empty trigger name.
33.10 TRGR-EVENT

**Message Text**
Invalid trigger event: `variable1`

**Cause**
An attempt was made to create or update a trigger with a unrecognized event type. The event needs to be either "data-event" or "database-online-event".

**Response**
Fix the application to define a recognized event type.

33.11 TRGR-NAME

**Message Text**
Bad trigger name: `variable1`

**Cause**
An attempt was made to create or update a trigger definition with a trigger name that does not meet the trigger schema's constraints.

**Response**
The trigger name should be a non-empty string.

33.12 TRGR-NODATABASE

**Message Text**
Database missing or empty in trigger module

**Cause**
The definition of a trigger does not include a valid trigger module database id. For example, `trgr:trigger-module` was called with the id of a non-existent database.

**Response**
Correct the trigger definition by using a valid database id.
33.13 TRGR-PATH

Message Text
root missing or empty in trigger module

Cause
An attempt was made to create or update a trigger with an empty module path. The path must be a valid path to an XQuery module.

Response
Fix the application to provide a non-empty path.

33.14 TRGR-PROPCONTENT

Message Text
Invalid Property Content

Cause
An attempt was made to create or update a property-content trigger which was missing a property-name element. The property-name is required for a property-content trigger.

Response
Fix the application to include a property-name.

33.15 TRGR-ROOT

Message Text
root missing or empty in trigger module

Cause
An attempt was made to create or update a trigger whose module specification has an empty "root" element.

Response
Fix the application to include a non-empty "root" element.
33.16 TRGR-SCOPE

Message Text
Invalid event scope

Cause
An attempt was made to create or update a trigger using an unknown scope type. The scope should be "document-scope", "collection-scope", or "directory-scope".

Response
Fix the application to provide a proper scope type.

33.17 TRGR-SCOPECOUNT

Message Text
Data event should only have one scope

Cause
An attempt was made to create or update a trigger using a data-event with more than one scope defined.

Response
Fix the application to provide only one scope to the data event.

33.18 TRGR-TNEXISTS

Message Text
Trigger already exists: variable1

Cause
Attempt to create a new trigger with a name that is already in use by another trigger, or attempt to rename a trigger to a name that is already in use.

Response
Change the trigger name to one that is not in use.
33.19 TRGR-TRIGGERDNE

Message Text
Trigger does not exist: variable1

Cause
The trigger name supplied to trgr:get-trigger or the trigger id supplied to trgr:get-trigger-by-id does not represent a valid trigger.

Response
Correct the trigger name or id and re-try the operation.

33.20 TRGR-WHEN

Message Text
Invalid when: variable1

Cause
The value for the "when" part of a trigger definition is not one of "pre-commit" or "post-commit". For example, trgr:trigger-data-event was called with a "when" parameter that was not created by calling trgr:post-commit or trgr:pre-commit.

Response
Correct your code. For details, see "Using Triggers to Spawn Actions" in the Application Developer's Guide.
34.0 TS Messages

34.1 TS-CANNOTDELETE

Message Text
variable1

34.2 TS-CLEANUPFAIL

Message Text
Cleanup encountered a failure after error. Unused forests variable1 generated and not attached to a database.

34.3 TS-DATADIRNOTEXISTS

Message Text
Data directory variable1 does not exist on host variable2

34.4 TS-DBEXISTS

Message Text
Database variable1 with different configuration already exists

34.5 TS-DUPLICATE

Message Text
Duplicate forest ids: variable1

34.6 TS-DUPLICATENAME

Message Text
A forest with the same name variable1 but different configuration exists

34.7 TS-DUPLICATEWSRC

Message Text
A forest with the same name variable1 exists in source forests
34.8 TS-FAILEDOVER

**Message Text**
Cannot perform local-to-local partition operation when a forest is failed over.

34.9 TS-FORESTDATADIRCHANGED

**Message Text**
Forest `variable1` data directory has changed during the operation

34.10 TS-FORESTDELETETIMEOUT

**Message Text**
Timeout waiting for forest `variable1` to be deleted

34.11 TS-FORESTDISABLED

**Message Text**
Forest `variable1` is currently disabled

34.12 TS-FORESTFASTDIRCHANGED

**Message Text**
Forest `variable1` fast data directory has changed during the operation

34.13 TS-FORESTFLASHBACKUP

**Message Text**
Forest `variable1` is currently in flash-backup mode

34.14 TS-FORESTHASREPLICA

**Message Text**
The operation cannot be completed for forest `variable1` since it has replicas

34.15 TS-FORESTHOSTCHANGED

**Message Text**
Forest `variable1` host has changed during the operation
34.16 TS-FORESTISREPLICA

**Message Text**
The operation cannot be completed for forest *variable1* since it is a replica

34.17 TS-FORESTLARGEDIRCHANGED

**Message Text**
Forest *variable1* large data directory has changed during the operation

34.18 TS-FORESTNAMECHANGED

**Message Text**
Forest *variable1* name has changed during the operation

34.19 TS-FORESTNOTINPARTITION

**Message Text**
Forest *variable1* does not belong to any partition in the database

**Cause**
A set of forests exists in the database sharing same range definition but have no common prefix

**Response**
Make sure forests that share range definition have prefix in common as partition name

34.20 TS-FORESTOFFLINE

**Message Text**
Forest *variable1* is currently offline

34.21 TS-FORESTOPENTIMEOUT

**Message Text**
Timeout waiting for forest *variable1* to open
34.22 TS-FORESTPARTIALMIGRATE

Message Text
Forest variable1 cannot be migrated without updating the data directory (and fast data directory if present)

34.23 TS-FORESTSDIFFRANGE

Message Text
Forests to be combined variable1 have different range boundary settings

Cause
forest-combine requires the forests to share the same range boundary when rebalancer is enabled

Response
Disable rebalancer or change the forest range boundary settings.

34.24 TS-FORESTSDIFFSTATE

Message Text
Forests to be combined variable1 are in not all in a state supported for this operation.

Cause
Forests to be combined have to be all in "open" or "open replica" state or all in "sync replicating" state.

Response
Make sure all forests to be combined are all in the expected supported state.

34.25 TS-FORESTSINDIFFDB

Message Text
Forests to be combined variable1 are not in the same database

34.26 TS-FORESTSTATECHANGED

Message Text
The state of one or more forests variable1 has changed during the operation
34.27 TS-FORESTSWDIFFRO

**Message Text**
Forests to be combined *variable1* have different read-write settings

34.28 TS-FORESTSWDIFFUPD

**Message Text**
Forests to be combined *variable1* have different updates-allowed settings

34.29 TS-FORESTUNMOUNTED

**Message Text**
Forest *variable1* is currently unmounted

34.30 TS-FORESTUPDATECHANGED

**Message Text**
Forest *variable1* readonly state has changed during the operation

34.31 TS-FORSTHASOVERRIDE

**Message Text**
The operation cannot be completed because one or more forests have override

**Cause**
"Snapshot" option is required to combine forests on database replicas

**Response**
Specify "snapshot" option to combine forests on database replicas

34.32 TS-HOSTDOWN

**Message Text**
Host *variable1* in not online
34.33 TS-INVALID-BOUNDS

Message Text
lower bound should be not be equal to or greater than the upper bound : variable1.

34.34 TS-INVALIDDATADIR

Message Text
The specified data directory variable1 is invalid

Cause
The destination data directory cannot overlap with existing large data directory or fast data directory

Response
Specify a data directory that does not overlap with existing large data directory or fast data directory

34.35 TS-INVALIDFASTDIR

Message Text
The specified fast data directory variable1 is invalid

Cause
The destination fast data directory cannot overlap with existing data directory or large data directory

Response
Specify a fast data directory that does not overlap with existing data directory or large data directory

34.36 TS-INVALIDLARGEDIR

Message Text
The specified large data directory variable1 is invalid

Cause
The destination large data directory cannot overlap with existing data directory or fast data directory
Response
Specify a large data directory that does not overlap with existing data directory or fast data directory

34.37 TS-INVALIDOPTIONS

Message Text
One or more of the specified options are invalid: variable1

34.38 TS-ISDBREPLICA

Message Text
The operation cannot be completed since the database variable1 is a foreign replica

Cause
"Snapshot" option is required to combine forests on database replicas

Response
Specify "snapshot" option to combine forests on database replicas

34.39 TS-MISSINGHOST

Message Text
Missing host variable1

Cause
Local to local partition resize and migrate is not supported

Response
Make sure local to local resize and migrate hosts are a superset of hosts containing forests in the partition

34.40 TS-NAME-CONFLICT

Message Text
Partition create name conflict with existing partition variable1
34.41 TS-NONMATCHQUERY

**Message Text**
Databases `variable1` and `variable2` have different assignment policies

34.42 TS-NONMATCHRANGE

**Message Text**
Databases `variable1` have non-matching range policies

34.43 TS-NOPARTITIONQUERY

**Message Text**
No query configured for partition `variable1`.

34.44 TS-NOQUERYPOLICY

**Message Text**
Database `variable1` does not have query policy

34.45 TS-NORANGEPOLICY

**Message Text**
Database `variable1` does not have range policy

34.46 TS-NOSUCHPARTITION

**Message Text**
Partition `variable1` does not exist

34.47 TS-NOTENOUGHHOST

**Message Text**
Need to have more than 1 host to set up failover

34.48 TS-ONLYONEHOST

**Message Text**
Failover type `variable1` could not be setup as there is less than one host
34.49 TS-OPENREPLICA

Message Text
Forest variable1 is failed over to a replica in partition to be resized.

34.50 TS-OPNOTSUPPORTED

Message Text
The operation variable1 is not supported

34.51 TS-PARTITION-EXISTS

Message Text
Partition variable1 already exists

34.52 TS-PARTITION-INCOMPLETE

Message Text
Forest(s) exist outside partition variable1 with same range policy setting

Cause
A partition should include all forests with the same range settings.

Response
Make sure forests with provided range settings share partition name as prefix.

34.53 TS-PARTITION-NAME-MISMATCH

Message Text
Partition variable1 and variable2 have the same partition-number variable3

Cause
A partition should include all forests the same partition-number.

Response
Make sure forests with provided partition-number share partition name as prefix.
34.54 TS-PARTITION-NAMEmpty

Message Text
Partition name should not be empty.

34.55 TS-PARTITION-NONMATCH

Message Text
Partition variable1 has non-matching range policy settings

Cause
Forests in a partition are required to share the same range definition and name prefix (separated by '-')

Response
Make sure forests in a partition share the same range definition and name prefix (separated by '-')

34.56 TS-PARTITION-NUMBER-MISMATCH

Message Text
Partition variable1 has partition-number variable2 and variable3

Cause
A partition should include all forests the same partition-number.

Response
Make sure forests with provided partition-number share partition name as prefix.

34.57 TS-PRIVATEFOREST

Message Text
The operation cannot be completed for private forest variable1

34.58 TS-READONLY

Message Text
Cannot delete forest variable1 when its readonly state is read-only or flash-backup.
34.59 TS-REPLICA-INCOMPLETE

**Message Text**
Exist replica forest of forest(s) in partition that does not have patition name as a prefix.

34.60 TS-REPLICAFORESTSAMEHOST

**Message Text**
Replica forest may not be on the same host as its master: `variable1 variable2`

**Cause**
Replica forest may not be on the same host as its master.

**Response**
Move replica forest to a different host than its master.

34.61 TS-RESIZE0

**Message Text**
Partition-delete could be used to delete a partition.

34.62 TS-S3FAILOVER

**Message Text**
`variable1` disk failover cannot be set up on S3.

34.63 TS-S3JOURNAL

**Message Text**
Journaling is set to `variable1`. Forest mounted on S3 only works with journaling off.

34.64 TS-TARGETDB

**Message Text**
Forest `variable1` cannot be attached to target database

**Cause**
The operation is required to be executed against a database that doesn't have the subject forests attached.
Response
Issue the query against a different database that doesn't have the subject forests attached.

34.65 TS-TOOMANYREPLICAS

Message Text
Could not have more than number of host - 1 = variable1 replicas

34.66 TS-WRONGKIND

Message Text
Indicated Kind variable1 is not allowed, should either be "active" or "archive"

34.67 TS-ZEROREPLICA

Message Text
Number of replicas cannot be zero.
35.0 VIEW Messages

35.1 VIEW-BADORDER

Message Text
Illegal order specification: view has illegal ordered flag: variable1

Cause
The view configuration has an invalid valid in the 'ordered' element.

Response
Make sure that the ordered element has the value 'true' or 'false'.

35.2 VIEW-COLDUPVIEW

Message Text
Column name duplicate of view name: column 'variable1' is the same as the view name

Cause
The view specification includes a column with the same name as the view.

Response
A column cannot have the same name as the view, as there is already a special column with the same name as the view for full-text search.

35.3 VIEW-COLNOTFOUND

Message Text
Column not found: column 'variable1'.variable2'.variable3' not found

Cause
The view configuration does not have column with the given name.

Response
Make sure that the correct schemas database is attached. Make sure that a view with the given name is present in the schemas database, that it is part of the desired schema, and that the user has permissions to access it. Make sure that the view specification includes the named column.
35.4  VIEW-DUPCOL

**Message Text**
Duplicate column name: column 'variable1' is a duplicate

**Cause**
The view specification includes multiple columns with the same name.

**Response**
Make sure every column name is unique in the view.

35.5  VIEW-DUPFIELD

**Message Text**
Duplicate field name: field 'variable1' is a duplicate

**Cause**
The view specification includes multiple fields with the same name or a field with the same name as a column.

**Response**
Make sure every field name is unique in the view.

35.6  VIEW-DUPSHEMA

**Message Text**
Duplicate schema: schema 'variable1' already exists

**Cause**
The schema name must be unique.

**Response**
Remove the duplicate schema or provide a different schema name.

35.7  VIEW-DUPVIEW

**Message Text**
Duplicate view: view 'variable1'.variable2' already exists
**Cause**
The view name must be unique in the schema.

**Response**
Remove the duplicate view or provide a different view name.

### 35.8 VIEW-FIELDDUPVIEW

**Message Text**
Field name duplicate of view name: field 'variable1' is the same as the view name

**Cause**
The view specification includes a field with the same name as the view.

**Response**
A field cannot have the same name as the view, as there is already a special column with the same name as the view for full-text search.

### 35.9 VIEW-FIELDNOTFOUND

**Message Text**
Field not found: Field 'variable3' not found in view 'variable1.variable2'

**Cause**
The view configuration does not have a field with the given name.

**Response**
Make sure that the correct schemas database is attached. Make sure that a view with the given name is present in the schemas database, that it is part of the desired schema, and that the user has permissions to access it. Make sure that the view specification includes the named field.

### 35.10 VIEW-IDEMPTY

**Message Text**
View ID empty: view has no view-id: variable1

**Cause**
The view configuration does not have an ID.
Response
Make sure that the view specification includes a non-zero ID.

35.11 VIEW-INVALID

Message Text
Illegal view specification: view specification is invalid: exception_stack

Cause
A view specification is not valid in some way.

Response
Ensure that the view specification validates against the view schema. Ensure that the range index backing each column exists.

35.12 VIEW-INVSCHEMA

Message Text
Illegal schema specification: schema specification is invalid: variable1

Cause
A schema specification is not valid in some way.

Response
Ensure that the schema specification validates against the view schema.

35.13 VIEW-NAMESPACEEMPTY

Message Text
View name empty: view has no view-name: variable1

Cause
The view configuration does not have an ID.

Response
Make sure that the view specification includes a non-empty name.
35.14 VIEW-NOCOL

Message Text
View is empty: view has no columns: variable1

Cause
The view configuration has no columns specified.

Response
Make sure that the view specification includes at least one column.

35.15 VIEW-NOSCHEMADB

Message Text
No schema database for view resource: variable1

Cause
The content database does not have a schema database.

Response
Make sure that the correct schema database is attached to the content database.

35.16 VIEW-NOTEXISTS

Message Text
No such view exists: view 'variable1' does not exist

Cause
The configuration does not have a view with the given ID.

Response
Make sure that the correct schemas database is attached. Make sure that a view with the given ID is present in the schemas database, and that the user has permissions to access it.

35.17 VIEW-NOTFOUND

Message Text
View not found: view 'variable1'.variable2' not found
**Cause**
The configuration does not have a view with the given name in the given schema.

**Response**
Make sure that the correct schemas database is attached. Make sure that a view with the given name is present in the schemas database, that it is part of the desired schema, and that the user has permissions to access it.

**35.18 VIEW-SCHEMANOTFOUND**

**Message Text**
Schema not found: schema 'variable1' not found

**Cause**
The configuration does not have a schema with the given name.

**Response**
Make sure that the correct schemas database is attached. Make sure that a schema with the given name is present in the schemas database, and that the user has permissions to access it.

**35.19 VIEW-VIEWFRG**

**Message Text**
Illegal fragmentation: fragment disallowed in view or schema specifications

**Cause**
A schema or view specification was fragmented. This is not allowed.

**Response**
Remove the fragment root or fragment parent that causes the view or schema to be fragmented.
36.0 X509 Messages

36.1 X509-BADASN1TIME

Message Text
bad ASN.1 time: variable1

36.2 X509-BADEXT

Message Text
bad extension: variable1

36.3 X509-BADISSUER

Message Text
bad issuer

36.4 X509-BADSERIAL

Message Text
bad serial number: variable1

36.5 X509-BADSUBJ

Message Text
bad subject

36.6 X509-BADV3EXT

Message Text
invalid X.509v3 extensions

36.7 X509-NOSIGNREQ

Message Text
unable to sign X.509 request: variable1
36.8 X509-PEMREAD

**Message Text**
unable to read PEM encoding: variable1

36.9 X509-PEMREADCERT

**Message Text**
unable to read PEM encoded certificate: variable1

36.10 X509-PEMREADPRIVKEY

**Message Text**
unable to read PEM encoded private key: variable1

36.11 X509-PEMREADPUBKEY

**Message Text**
unable to read PEM encoded public key: variable1

36.12 X509-PEMWRITE

**Message Text**
unable to write PEM encoding: variable1

36.13 X509-PEMWRITECERT

**Message Text**
unable to write PEM encoded certificate: variable1

36.14 X509-PEMWRIITEDSAPARAMS

**Message Text**
unable to write PEM encoded DSA params: variable1

36.15 X509-PEMWRIITEDPUBKEY

**Message Text**
unable to write PEM encoded public key: variable1
37.0 XDMP Messages

37.1 XDMP-ABORTED

Message Text
Transaction variable1 aborted: exception_stack

Cause
A distributed transaction was aborted because at least one participant failed to successfully commit the transaction. The logged message includes the underlying cause in the exception_stack.

Response
Refer to the secondary error messages to determine the root cause of the failure.

37.2 XDMP-ABSCAST

W3C XQuery Standard Equivalent: err:XPST0080

Message Text
Invalid cast to abstract type variable1

Cause
Your code attempted to cast a value to xs:Notation or xs:anyAtomicType.

Response
Correct your code.

37.3 XDMP-ACTION

Message Text
Invalid $cts:action variable1; should be "continue", "break", or "skip"

Cause
An invalid action was specified for $cts:action to a Search Built-in, such as cts:highlight or cts:walk. The only valid values for $cts:action are "continue", "break", and "skip".

Response
Correct your code and retry.
37.4 XDMP-ACTIONJS

Message Text
Invalid action variable1; should be "continue", "break", or "skip"

Cause
An invalid action was returned from the callback to a Search Built-in, such as cts.highlight or cts.walk. The only valid return values from the callback function are "continue", "break", and "skip".

Response
Correct your code and retry.

37.5 XDMP-ADDATtribute

Message Text
There can be only one root node.

37.6 XDMP-ADDBINARY

Message Text
There can be only one root node.

37.7 XDMP-ADDBOOLEAN

Message Text
There can be only one root node.

37.8 XDMP-ADDDOCUMENT

Message Text
A document node must be the first node.

37.9 XDMP-ADDELEMENT

Message Text
There can be only one root node.
37.10 XDMP-ADDDNODE

**Message Text**
There can be only one root node.

37.11 XDMP-ADDDNULL

**Message Text**
There can be only one root node.

37.12 XDMP-ADDDNUMBER

**Message Text**
There can be only one root node.

37.13 XDMP-ADDDTEXT

**Message Text**
There can be only one root node.

37.14 XDMP-AFTERTONODE

**Message Text**
This node builder is finished.

37.15 XDMP-ALLFORESTSRETIRED

**Message Text**
All forests in the database are retired

37.16 XDMP-APPREQ

**Message Text**
Application level authentication required

**Cause**
The operation attempted requires application level authentication. Application-level authentication bypasses all authentication and automatically logs all users in as a specified default user.
Response
Use the Admin Interface to specify a default user and set its permissions. Any users accessing the server automatically inherit the security attributes (roles, privileges, default permissions) of the default user. Application-level authentication is available on HTTP and WebDAV servers.

For more information, see the *Understanding and Using Security Guide*.

37.17 XDMP-APPSERVERDECL

Message Text
variable1 : variable2 is invalid : variable3

Cause
The declaration of the App server is invalid.

Response
Verify that the app server declaration is valid and that it follows the endpoint declaration JSON schema

37.18 XDMP-ARG

Message Text
variable1 is invalid

Cause
*XDMP-ARG* is usually thrown by API functions receiving invalid parameter values. For example, passing `xdmp:hex_to_integer` an input string that doesn’t represent a valid hexadecimal number; or, passing a sequence as an external variable parameter to `xdmp:eval` or `xdmp:invoke`.

Response
Correct your code.

37.19 XDMP-ARG-FORESTMAP

Message Text
arg9 is invalid: variable1
**Cause**

XDMP-ARG-FORESTMAP is usually thrown by API functions receiving invalid parameter values. For example, 
1. Keys of the map is not a subset of $forest-ids. Error: “XDMP-FORESTMAPNOTSUBSET” 
2. There are duplicate in values of the map (after supplement of self-mapping). Error: “XDMP-FORESTMAPDUPVALUE” 
3. “” doesn't appear alone in the first element of the value of a map entry. Error: “XDMP-FORESTMAPINVALIDCLEAR”

**Response**

Correct your code.

37.20 XDMP-ARGTYPE

W3C XQuery Standard Equivalent: err:XPTY0004

**Message Text**

`variable1` is not of type `variable2`

**Cause**

XDMP-ARGTYPE indicates a mismatch between the actual type (`variable1`) and expected type (`variable2`) of a function call argument. For example, passing an empty sequence when a node is expected. The message usually includes context information about the expression where the error occurred.

XDMP-ARGTYPE may also occur as the side-effect of another syntax or semantic error.

**Response**

Correct your code.

37.21 XDMP-ARRAY

**Message Text**

Invalid array element

**Cause**

Invalid array element.

**Response**

Check element and try again.
### 37.22 XDMP-ARRAYCYCLE

**Message Text**
A cycle was detected in the array entry

**Cause**
An array cannot be member of itself, either directly or indirectly.

**Response**
Do not add the array as a member of itself.

### 37.23 XDMP-AS

W3C XQuery Standard Equivalent: err:XPTY0004

**Message Text**
Invalid coercion: variable1 as variable2

**Cause**
XDMP-AS indicates a mismatch between the actual type (variable1) and expected type (variable2) of an expression. For example, using an empty sequence when a node is expected. The message usually includes context information about the expression where the error occurred.

XDMP-AS may also occur as the side-effect of another syntax or semantic error.

**Response**
Correct your code.

### 37.24 XDMP-ATOMIZEFUNC

W3C XQuery Standard Equivalent: err:FOTY0013

**Message Text**
Functions cannot be atomized

**Cause**
An attempt was made to atomize a function. This might be via a call to the built-in fn:data function, or implicitly.

**Response**
You might be able to use functions like fn:function-name and xdmp:function-signature to describe the function as a string.
37.25 XDMP-ATTREXISTS

**Message Text**
Attribute with name *variable1* already exists

**Cause**
An update operation such as `xdmp:node-insert-child` attempted to insert an attribute node for an attribute that already exists.

**Response**
Correct your code. For example, use `xdmp:node-replace` instead of `xdmp:node-insert-child`.

37.26 XDMP-ATTRIBNAME

**Message Text**
Cannot use *variable1* as an attribute name

37.27 XDMP-ATTRNAME

**W3C XQuery Standard Equivalent**: err:XPTY0004

**Message Text**
Cannot use *variable1* as an attribute name

37.28 XDMP-ATTRPRFX

**Message Text**
No prefix has been defined for attribute namespace URI *variable1*

37.29 XDMP-ATTRSEQ

**W3C XQuery Standard Equivalent**: err:XQTY0024

**W3C XSLT Standard Equivalent**: err:XTDE0410

**Message Text**
Attribute node cannot follow non-attribute node in element content

**Cause**
Attribute constructors must appear before any elements or character data in an element constructor.
Response
Correct your code by moving the attribute constructor before any elements or character data in the
parent element constructor.

37.30 XDMP-ATTRVALCHAR
W3C XQuery Standard Equivalent: err:XPST0003

Message Text
Invalid attribute value character variable1

Cause
The less-than character (<) may not be used as the literal value of an attribute. Less-than always
indicates the beginning of a markup tag.

Response
Correct your code. For example, use a computed attribute constructor.

37.31 XDMP-ATTRXMLNS

Message Text
A namespace-qualified attribute name cannot be "xmlns".

37.32 XDMP-AUTHMISMATCH

Message Text
Authorization mismatch: variable1 specified, server wants variable2

Cause
The client application used an authentication scheme that did not match what MarkLogic Server
expected. For example, the client used basic when the server expected digest.

This error sometimes occurs when the browser caches credentials across a change to the server's
authentication scheme.

Response
Change the application server's authentication scheme in the Admin Interface, if appropriate. Or,
pass the desired authentication scheme as an explicit option:

```xml
<options xmlns="xdmp:http">
  <authentication method="digest">
    <username>myname</username>
  </authentication>
</options>
```
For more information, see the *Understanding and Using Security Guide*.

### 37.33 XDMP-AUXFORESTNOTOPEN

**Message Text**
$m$ with identifier `variable1`

### 37.34 XDMP-AWSKMSERR

**Message Text**
AWS KMS error: `variable1` `variable2`: `variable3`

**Cause**
An error occurred on the Amazon Web Services Key Management Service.

### 37.35 XDMP-AWSKMSOCERR

**Message Text**
AWS KMS socket error: `variable1` `variable2` `exception_stack`

**Cause**
An error occurred communicating with the Amazon Web Services Key Management Service.

### 37.36 XDMP-AWSSVCREG

**Message Text**
Cannot determine AWS service and region from domain '`variable1`'

**Cause**
The domain name used to access an AWS service does not look like an AWS domain name, of the form `service.amazonaws.com` or `service.region.amazonaws.com`.

**Response**
37.37 XDMP-BACKDATADIR

**Message Text**
Cannot backup to Data directory/subdirectories: variable1

**Cause**
The configured backup directory is the same as, or is a sub-directory of, MarkLogic's data directory.

Your backup directory may not be inside the MarkLogic Server installation or data area. For example, on Unix, you should not save your backups under /var/opt/MarkLogic or /opt/MarkLogic.

**Response**
Configure your backups to use a directory that is not inside the MarkLogic Server installation or data directories.

37.38 XDMP-BACKDIRCORRUPT

**Message Text**
Backup data directory is corrupt: variable1

**Cause**
The backup data directory is corrupted. The error may be caused by file system errors, such has disk failures. Backups cannot proceed until the problem is corrected.

**Response**
Review the surrounding MarkLogic Server and system error log messages to identify the underlying cause. If you have a current maintenance contract with MarkLogic, you can contact MarkLogic Technical Support for assistance.

37.39 XDMP-BACKDIRINUSE

**Message Text**
Backup data directory currently has a backup job in progress: variable1

**Cause**
A restore was attempted while another process was already running a backup. Or, another process has the backup directory locked.
Response
If there is another backup running, wait for it to complete or kill it.

37.40 XDMP-BACKDIRNOTFOUND

Message Text
Backup data directory does not exist: variable1 on host variable2

Cause
The configured backup directory does not exist or cannot be found.

Response
Check the existence and permissions of the backup directory. Check your backup configuration for errors in the backup directory name.

37.41 XDMP-BACKDIRSPACE

Message Text
Not enough disk space for backup: variable1

Cause
The disk containing the backup directory has run out of disk space.

Response
Make more space on your backup disk, or move your backups to a disk with sufficient space.

37.42 XDMP-BACKINSTALLDIR

Message Text
Cannot backup to installation directory/subdirectories: variable1

Cause
Your backup directory is inside the MarkLogic Server installation or data directory tree. For example, on Unix, the backup directory is configured as a sub-directory of /opt/MarkLogic or /var/opt/MarkLogic.

Response
Configure your backups to use a directory that is not inside the MarkLogic Server installation or data directories.
37.43 XDMP-BACKPUBLICDIR

Message Text
Cannot backup to a forest's public data directory/subdirectories: variable1

Cause
The configured backup directory is within a forest's data directory. Your backup directory should not be inside the MarkLogic Server installation or data directory tree. For example, on Unix, the backup directory should not be configured as a sub-directory of /opt/MarkLogic or /var/opt/MarkLogic.

Response
Move your backups to a location outside of any installation or public forest data directories.

37.44 XDMP-BACKUP

Message Text
Error in backup: variable1

37.45 XDMP-BACKUPCATALOGMISSING

Message Text
Restore from incremental backup failed. Documents missing from the catalog.

37.46 XDMP-BACKUPDATADIR

Message Text
Backup pathname conflicts with data directory: variable1

Cause
The configured backup directory is the same as, or is a sub-directory of, MarkLogic's data directory.

Your backup directory may not be inside the MarkLogic Server installation or data area. For example, on Unix, you should not save your backups under /var/opt/MarkLogic or /opt/MarkLogic.

Response
Configure your backups to use a directory that is not inside the MarkLogic Server installation or data directories.
37.47 XDMP-BACKUPDIR

Message Text
Backup pathname is not a directory: variable1

Cause
You attempted to restore a forest from a pathname that does not refer to a directory.

Response
Confirm the existence of the source directory. Check for broken symbolic links. Correct any typographical errors in the pathname.

37.48 XDMP-BACKUPEMPTY

Message Text
No forests specified for backup or restore.

Cause
You attempted to start a database backup or restore without including any forests. A backup or restore must include at least one forest.

Response
Change your backup configuration to include at least one forest.

37.49 XDMP-BACKUPEXISTS

Message Text
Forest variable1 already has backup in variable2

37.50 XDMP-BACKUPINMEMORY

Message Text
Cannot backup in-memory stand: variable1 (variable2 <= variable3 < variable4)

37.51 XDMP-BACKUPINSTALLDIR

Message Text
Backup pathname conflicts with install directory: variable1
**Cause**
The configured backup directory is the same as, or is a sub-directory of, MarkLogic's installation directory.

Your backup directory may not be inside the MarkLogic Server installation or data area. For example, on Unix, you should not save your backups under `/var/opt/MarkLogic` or `/opt/MarkLogic`.

**Response**
Configure your backups to use a directory that is not inside the MarkLogic Server installation or data directories.

37.52 XDMP-BACKUPNOTFOUND

**Message Text**
No backup found in backup pathname: variable1

37.53 XDMP-BACKUPPASSPHRASETOOLONG

**Message Text**
Backup passphrase cannot be longer than 1000 characters

37.54 XDMP-BACKUPPASSPHRASETOOSHORT

**Message Text**
Backup passphrase cannot be shorter than 16 characters

37.55 XDMP-BACKUPSTAMP

**Message Text**
Backup timestamp too old for forest: variable1

37.56 XDMP-BAD

**Message Text**
Bad variable1

**Cause**
Many different kinds of error can log this message. Refer to the error text for details. Often, XDMP-BAD indicates an unexpected internal error condition.
Response
Refer to the full text of the error for additional information. For more assistance, contact MarkLogic Technical Support if you have a current maintenance contract.

37.57 XDMP-BADANNNS
W3C XQuery Standard Equivalent: err:XQST0045

Message Text
Functions annotations may not use a reserved namespace

Cause
A function annotation uses a reserved namespace.

Response
Choose a different namespace.

37.58 XDMP-BADAPIVERSION

Message Text
The plugin is compiled for another version of the MarkLogic plugin API. expected: variable1, found: variable2, host: variable3

Cause
The plugin is compiled for another version of the MarkLogic plugin API.

Response
Recompile the plugin, or otherwise obtain a compatible plugin.

37.59 XDMP-BADARC

Message Text
Arc must span more than 0 degrees and less than 180 degrees, and cannot cross a pole.

Cause
An invalid pair of points was specified to geo:arc-intersection. Each arc passed to geo:arc-intersection must not cover more than 180 degrees, and must not cross a pole.
Response
Correct your code. For more information, see Geospatial Search Applications in the Search Developer's Guide.

37.60 XDMP-BADBOX

Message Text
Invalid box: variable1 > variable2

Cause
Invalid box coordinates were passed to a geospatial query operation such as a box query. For example, the south boundary of the box is above the north boundary.

Response
Correct your code or data.

37.61 XDMP-BADBOXSPEC

Message Text
Bad box specification

Cause
An attempt is made to construct a cts:box from a malformed KML Envelope or GML LongLatBox. In particular, the child elements that should be simple values have children of their own.

Response
Fix the GML or KML elements.

37.62 XDMP-BADBRK

Message Text
Bad word break rules: variable1

Cause
The word break rules are invalid for some reason.

Response
Check your word break rules.
37.63 XDMP-BADCHAR
W3C XQuery Standard Equivalent: err:XPST0003

**Message Text**
Unexpected character found *variable1*

**Cause**
The XQuery lexer found a character where the XQuery language does not permit it to be.

**Response**
Fix your query to use correct grammar.

37.64 XDMP-BADCIRCLE

**Message Text**
Invalid circle

**Cause**
The radius of the *cts:circle* is too large. The circle cannot cover the entire earth.

**Response**
Correct your code.

37.65 XDMP-BADCLASSIFIER

**Message Text**
Invalid classifier specification element

**Cause**
An invalid classifier was passed to *cts:classify*. For example, the element supplied as the classifier parameter is not of type *cts:classifier*. The classifier is usually created by calling *cts:train*.

**Response**
Correct your code.
37.66 XDMP-BADCOLLATION

**Message Text**
Error in collation `variable1`

**Cause**
An invalid or non-existent collation URI was specified.

**Response**
Correct the collation URI. For more information about collations, see "Encodings and Collations" in the Search Developer's Guide.

37.67 XDMP-BADCOMMIT

**Message Text**
Commit finds missing fragments

37.68 XDMP-BADDEPTHALL

**Message Text**
Invalid depth (should be "0", "1", or "infinity")

37.69 XDMP-BADDEPTHSOME

**Message Text**
Invalid depth (should be "0" or "infinity")

**Cause**
An invalid value was supplied for depth to a locking function such as `xdmp:lock-acquire`. The only values allowed are "0" and "infinity".

**Response**
Correct your code. For more information, see the Overview of Locks in the Application Developer's Guide.

37.70 XDMP-BADDIR

**Message Text**
Invalid directory URI
**Cause**
In invalid directory name was supplied to xdm:directory-create. For example, an empty string or badly formed URI was passed.

**Response**
Correct your code.

**37.71 XDMP-BADDOCID**

**Message Text**
Invalid classifier specification element: document id variable1 not found

**Cause**
A document used in the training set for a supports type classifier is not a valid document.

A supports type classifier contains a list of document elements which identify the specific training nodes, using an internal key. The internal key is only valid across queries for nodes in the database. If training and classification are done in different queries when the training documents are not in the database, XDMP-BADDOCID is thrown.

**Response**
Possible solutions include:

- Place your training set in the database.
- Perform training and classification in the same query.
- Use a weights classifier. Weights classifiers do not have this restriction.

**37.72 XDMP-BADEDICT**

**Message Text**
Bad entity dictionary format: line 'variable1'

**37.73 XDMP-BADFORATQNAME**

W3C XQuery Standard Equivalent: err:XQST0089

**Message Text**
An "at" variable may not have the same name as the bound variable
Cause
The same variable name is used as both the for variable and its associated positional variable in the at clause. For example:

    for $bad-choice at $bad-choice...

Response
Correct your code by using different variables in the for and its at clause.

37.74 XDMP-BADFORESTUPDATESTATE

Message Text
All forests must not be in read-only or flash-backup mode when backing up with journal archiving

Cause
This occurs when trying to do a full database backup with journal archiving enabled and at least one forest is in read-only or flash-backup mode.

Response
Make sure all forests have their update status set to all or delete-only when taking a full database backup with journal archiving.

37.75 XDMP-BADFORESTUPDATESTATEFLASHBACKUP

Message Text
All forests must be in flash-backup mode when running xdmp:start-journal-archiving

Cause
This occurs when running xdmp:start-journal-archiving and at least one forest is not in flash-backup update state.

Response
Put all forests in flash-backup update state when running xdmp:start-journal-archiving.

37.76 XDMP-BADGEOMETRY

Message Text
Invalid geometry : variable1
**Cause**
The provided geometry violates one or more of the required constraints.

**Response**
Correct your code. For more information, see Geospatial Search Applications in the Search Developer's Guide.

**37.77 XDMP-BADGEOMETRYTYPE**

**Message Text**
Invalid geometry type

**Cause**
The geometry has an unrecognized type.

**37.78 XDMP-BADGROUPSEP**

**Message Text**
Group separator must be a single character/codepoint.

**Cause**
The group separator passed to `xdmp:format-number` contains more than one character or codepoint.

**Response**
Correct your code to use a single character/codepoint group separator.

**37.79 XDMP-BADHEX**

**Message Text**
Bad hex string: `variable1` is invalid hex string

**Cause**
A string that was not a valid hex-encoded binary string was passed as a parameter where one was expected.

**Response**
Correct your code.
37.80 XDMP-BADJNLNAME

Message Text
Bad journal name: variable1

Cause
This error means a journal file with an unexpected filename was encountered.

Response
If you have a current maintenance contract with MarkLogic, you can contact MarkLogic support.

37.81 XDMP-BADJOURNALARCHIVE

Message Text
The journal archive is invalid: variable1

Cause
Journal archive file read a bad header frame when resuming journal archiving. This will happen if header stored checksum does not match with its calculated checksum.

Response
Set journaling option to "fast" or "strict" for the database this forest is attached to

37.82 XDMP-BADJSONLABELS

Message Text
Invalid classification labels element

Cause
Labels were badly formed.

Response
Correct your code. For more information, see Training the Classifier in the Application Developer's Guide.

37.83 XDMP-BADLABELS

Message Text
Invalid classification labels element
**Cause**
An element that is not a `cts:label` was encountered in the label set passed to `cts:train`, or a child node that is not a `cts:class` was encountered on a `cts:label`.

**Response**
Correct your code. For more information, see *Training the Classifier* in the *Application Developer's Guide*.

**37.84 XDMP-BADLABELVALUE**

**Message Text**
Invalid classification label value: must be 1 or -1

**Cause**
An invalid value was given on the `val` attribute of a `cts:label` element supplied to `cts:train`. If present, the `val` must be 1 or -1.

**Response**
Correct your code. For more information, see *Training the Classifier* in the *Application Developer's Guide*.

**37.85 XDMP-BADLANGKEY**

**Message Text**
Bad tokenizer key language `variable1`

**37.86 XDMP-BADLANGOVER**

**Message Text**
Cannot override stemmer/tokenizer for language `variable1`

**37.87 XDMP-BADLEXER**

**Message Text**
The lexer could not be initialized: `variable1` lexer invalid

**Cause**
The lexer was misconfigured or cannot be used for that language.
Response
Check your language configuration.

37.88 XDMP-BADLINESTRING

Message Text
Invalid linestring

Cause
Fewer than two vertices were given when constructing a linestring with cts:linestring.

Response
Correct your code.

37.89 XDMP-BADLOCKTOKEN

Message Text
Incorrect Lock Token

Cause
The file locking token supplied to the app server when acquiring a lock does not match the locking token supplied when releasing the lock. Your WebDAV client may not be working properly.

The WebDAV protocol supports locking of files. When locking a file, a WebDAV client can supply a lock token. When the client is ready to release the lock, the same lock token is supplied. XDMP-BADLOCKTOKEN is thrown when these locking tokens do not match.

Response
Correct the mismatch. If you need assistance determining the cause of the mismatch and have a current maintenance contract, contact MarkLogic Technical Support.

37.90 XDMP-BADLOGLEVEL

Message Text
The second argument level should be one of the following: emergency, alert, critical, error, warning, notice, info, config, debug, fine, finer, or finest. The default level is "info".

Cause
The second argument of xdmp:log($msg,$level) level is not specified correctly.
**Response**
Correct your code.

**37.91 XDMP-BADMAP**

**Message Text**
Invalid option: 'map' cannot be used with 'array' option

**37.92 XDMP-BADMTYPE**

**Message Text**
Backup data directory was created from a different machine type: variable1 (variable2)

**Cause**
You attempted to restore from a backup created for a different platform. Backup files are platform-specific. You may not restore a backup to a machine type different from the host where the backup was created.

**Response**
Restore to a host whose platform matches that of the host that created the backup.

**37.93 XDMP-BADNULLABLE**

**Message Text**
Illegal nullable in tuple selector: first tuple selector cannot be nullable: variable1

**Cause**
The first lexicon selected in cts:value-tuples was given with the option "nullable". This is not allowed.

**Response**
Remove the "nullable" option from the first lexicon, or reorder the lexicons so that a nullable on is not the first.

**37.94 XDMP-BADOCCURS**

**Message Text**
Invalid occurrence indicator: variable1
**Cause**
The `min-occurs` option value is greater than the `max-occurs` option value in your query. These options to the `cts:query` constructors constrain searches to return results only if the search terms appear a minimum or a maximum number of times.

**Response**
Correct your query constructor options.

**37.95 XDMP-BADORDCHAR**

**Message Text**
Ordchar argument must be either "yes" or an ordinal character starting followed by a dash "-".

**Cause**
The ordinal number parameter to `xdmp:format-number` is not one of:

- An empty sequence
- The string "yes"
- An ordinal string, beginning with a dash ("-").

**Response**
Correct your code.

**37.96 XDMP-BADPINAME**

**Message Text**
Invalid processing instruction name "variable1" at `variable2` line `variable3`.

**Cause**
An unrecognized Processing Instruction was encountered while parsing XML data, on line `variable3` of the data with URI `variable2`. The following is an example of an XML processing instruction:

```xml
<?xml version="1.0" encoding="UTF-8" ?>
```

**Response**
Correct the processing instruction and try the operation again.
37.97 XDMP-BADPLUGINVERSION

**Message Text**
The plugin does not match the expected version number. expected: *variable1*, found: *variable2*, host: *variable3*

**Cause**
The plugins loaded on two hosts report different version numbers.

**Response**
Redeploy your native plugins directory.

37.98 XDMP-BADPOINTSPEC

**Message Text**
Bad point specification

**Cause**
The set of points describing a region or arc in one of the geospatial builtins is invalid. For example, an empty sequence was passed instead of a valid point.

**Response**
Correct your code.

37.99 XDMP-BADPOLYGON

**Message Text**
Invalid polygon

**Cause**
Fewer than three vertices were given when constructing a polygon with `cts:polyon`.

**Response**
Correct your code.

37.100 XDMP-BADPROP

**Message Text**
Malformed property
**Cause**
Document properties are malformed.

**Response**
If the error occurs when you are creating properties, correct your code. If the error occurs during operations that use previously supplied properties, then the document properties may be corrupted. If you have a current maintenance contract with MarkLogic, you can contact MarkLogic Technical Support for assistance.

**37.101XDMP-BADREFERENCE**

**Message Text**
The cts reference cannot be used in this context: variable1

**Cause**
A cts reference was passed to a function that cannot use it.

**Response**
Use the correct cts reference constructor.

**37.102XDMP-BADREP**
W3C XQuery Standard Equivalent: err:FORX0004

**Message Text**
Invalid replacement string: variable1

**Cause**
An invalid replacement string was supplied to fn:replace. The error is usually one of these cases:

- The replacement string contains a "$" character that is not immediately followed by a digit 0-9 and not immediately preceded by a "\".
- The replacement string contains a "\" character that is not part of a "\" pair and not immediately followed by a "$" character.

**Response**
Correct your code.
37.103XDMP-BADREPLVER

**Message Text**
Cannot synchronize as database replica version `variable1` mismatches the master version `variable2`.

37.104XDMP-BADRESTOREPATH

**Message Text**
Not all hosts contained the same restore path.

37.105XDMP-BADRESTORETOTIME

**Message Text**
`restore-to-time` was less than the earliest full backup time in the folder.

37.106XDMP-BADRETURN

W3C XQuery Standard Equivalent: `err:XPST0003`

**Message Text**
Only use 'return' at the end of a FLWOR expression or typeswitch clause.

37.107XDMP-BADSCHEMA

W3C XQuery Standard Equivalent: `err:XQST0012`

W3C XSLT Standard Equivalent: `err:XTSE0220`

**Message Text**
Invalid schema "`variable1`" at "`variable2`" exception_stack.

**Cause**
The schema `variable1` at URI `variable2`, used in an XQuery or XSLT schema import, does not meet the validity requirements of XML Schema Part I, as defined by W3C. In a valid schema, all definitions are valid, complete, and unique.

**Response**
Review and correct your schema. Check for duplicate or erroneous definitions.
37.108XDMP-BADSCOPE

Message Text
Invalid scope (should be exclusive or shared)

Cause
The scope parameter to `xdmp:lock-acquire` is not one of "shared" or "exclusive".

Response
Correct your code.

37.109XDMP-BADSECDBVER

Message Text
Bad security database version

37.110XDMP-BADSEMICOLON

W3C XQuery Standard Equivalent: err:XPST0003

Message Text
Semicolons are not necessary as a statement separator in XQuery.

Cause
A semicolon was found where the XQuery grammar does not allow one. You might be trying to terminate a statement with a semicolon, like Java and C++ require - but this is not valid in XQuery.

Response
Correct your XQuery. You might find that using a comma ("," ) is what you want rather than a semicolon.

37.111XDMP-BADSEMISEP

W3C XQuery Standard Equivalent: err:XPST0003

Message Text
Semicolons are not necessary as a statement separator in XQuery. Did you mean to use ',','?
**Cause**
A semicolon was found where the XQuery grammar does not allow one. You might be trying to terminate a statement with a semicolon, like Java and C++ require - but this is not valid in XQuery.

**Response**
Correct your XQuery. You might find that using a comma (","), is what you want rather than a semicolon.

**37.112XDMP-BADSTARTUPTOKEN**

**Message Text**
Bad startup token for variable1, variable2 before last journal start variable3

**Cause**
An inconsistency was discovered between forest label and journal files. MarkLogic was not able to resolve the inconsistency and run recovery on the forest.

**Response**
Delete both the label and journal files for the forest, and restart the forest. Update your version of MarkLogic to a more recent version.

**37.113XDMP-BADSTEMMER**

**Message Text**
The stemmer could not be initialized: variable1 stemmer invalid

**Cause**
The stemmer was misconfigured or cannot be used for that language.

**Response**
Check your language configuration.

**37.114XDMP-BADTOLERANCE**

**Message Text**
Invalid tolerance: variable1
**Cause**
The provided tolerance is invalid. Tolerance must be a positive real number.

**Response**
Correct your code.

**37.115XDMP-BADWKB**

**Message Text**
Cannot parse binary data as WKB object: WKB 'variable1' is not parsable

**Cause**
geo:parse-wkb is called with a binary node that cannot be parsed as a WKB object. The data is either malformed or an unsupported WKB type.

**Response**
Make sure that the data is valid and contains only supported WKB types.

**37.116XDMP-BADWKT**

**Message Text**
Cannot parse string as WKT object: WKT 'variable1' is not parsable

**Cause**
geo:parse-wkt is called with a string that cannot be parsed as a WKT string. The string is either malformed or an unsupported WKT type.

**Response**
Make sure that the WKT string is valid and contains only supported WKT types.

**37.117XDMP-BASE64BINARYTOOBIG**

**Message Text**
Base64 binary value too big to be serialized to a string

**Cause**
Base64 binary values 3GB or larger cannot be serialized to a string.
**Response**
Use a smaller value.

**37.118 XDMP-BINARYNODETOOBIG**

**Message Text**
Binary node too big

**Cause**
Constructed internal binary nodes must be smaller than 4GB.

**Response**
Use a large binary or external binary instead.

**37.119 XDMP-BINARYREAD-EMPTY**

**Message Text**
Binary read returned empty

**Cause**
Either the binary node is empty or you used incorrect offset/count.

**Response**
Check the binary node and your code.

**37.120 XDMP-BINARYSIZE**

**Message Text**
Wrong binary size variable1

**Cause**
Found a large binary file with wrong size during replication. The server will re-replicate the file.

**Response**
Refer to the full text of the error for additional information. For more assistance, contact MarkLogic Technical Support if you have a current maintenance contract.
37.121 XDMP-BOUNDS

**Message Text**
Bounds must be in strictly ascending order

**Cause**
The latitude and longitude bounds parameters to `cts:element-geospatial-boxes` or `cts:element-child-geospatial-boxes` are sequences of numbers. This error occurs if the values in either bounds sequence are not listed in ascending order.

**Response**
correct your latitude or longitude bounds values to be in ascending order.

37.122 XDMP-BULKNOMERGE

**Message Text**
Unable to bulk synchronize forests when merge is disabled

**Cause**
If merges are disabled, bulk replication will not run since it could cause an excessive number of stands.

**Response**
Enable merges on the database.

37.123 XDMP-BULKNOTOPEN

**Message Text**
Unable to bulk synchronize forest when forest is not open

**Cause**
The forest must be open to allow bulk synchronization to occur.

**Response**
Open the forest and try again.
37.124 XDMP-CANCELED

**Message Text**
Canceled `variable1 variable2`

**Cause**
This message usually indicates that an operation such as a merge, backup or query was explicitly canceled. The message includes information about what operation was canceled. Cancellation may occur through the Admin Interface or by calling an explicit cancellation function, such as `xdmp:request-cancel`.

37.125 XDMP-CANNOTDECRIPT

**Message Text**
Cannot decrypt: `variable1`

**Cause**
There is a key encryption key mismatch

**Response**
Make sure the text is actually encrypted. If this text was originally encrypted on a different cluster, importing encryption keys from that cluster may allow decryption.

37.126 XDMP-CANNOTENCRYPT

**Message Text**
Cannot encrypt: `variable1`

**Cause**
There is a key encryption key mismatch

**Response**
Make sure that there are not keystore configuration issues.

37.127 XDMP-CANNOTGEOOP

**Message Text**
Geospatial operation not supported on that type of object
Cause
An attempt is made to perform some geospatial operation on a geospatial object that does not support that operation. For example, it is not possible to serialize a cts:box in WKT format, as WKT does not support that type.

Response
Change the application to avoid the unsupported operation.

37.128XDMP-CANTDECODEFRAGSETKIND

Message Text
Cannot decode fragset kind variable1

37.129XDMP-CANTDECODELOCATORORDERERKIND

Message Text
Cannot decode locator orderer kind variable1

37.130XDMP-CANTDECODEQUERYKIND

Message Text
Cannot decode query kind variable1

37.131XDMP-CANTDECODESCALARTYPE

Message Text
Cannot decode scalar type variable1

37.132XDMP-CAST
W3C XQuery Standard Equivalent: err:FORG0001

Message Text
Invalid cast: variable1 cast as variable2

Cause
An expression or declaration attempted to cast a value to an incompatible type. For example, passing a value to a constructor of a type illegal for the data type being constructed.
**Response**
Correct your code.

**37.133XDMP-CELLCYCLE**

**Message Text**
A cycle was detected in the variable (cell) update

**37.134XDMP-CHARREF**
W3C XQuery Standard Equivalent: err:XPST0003

**Message Text**
Invalid character reference `variable1`

**Cause**

`variable1` is an invalid character reference. A character references identifies a character by its Unicode codepoint in either decimal or hexadecimal. `XDMP-CHARREF` may occur if the codepoint value is outside the valid range of values for Unicode or the reference is otherwise malformed.

**Response**
Correct your code.

**37.135XDMP-CHARSEARCH**

**Message Text**
Character searches not enabled

**37.136XDMP-CHILDDUPNAME**

**Message Text**
Object nodes cannot have two children with the same name

**37.137XDMP-CHILDLINK**
W3C XQuery Standard Equivalent: err:XPTY0004

**Message Text**
Invalid child link node `variable1`
**Cause**
A child fragment in a fragmented document is missing.

**Response**
The document must be reloaded.

**37.138XDMP-CHILDNODEKIND**
W3C XSLT Standard Equivalent: err:XTDE0420

**Message Text**
`variable1` nodes cannot have `variable2` node children

**Cause**
You attempted to insert a node of type `variable1` as a child of a node of type `variable2` where such insertion is not allowed. This may be occurring through an XQuery builtin, such as `xdmp:insert-child`, or via an XSLT transformation. One example of such invalid insertion is attempting to add an attribute or namespace node as an immediate child of a document node.

**Response**
correct your code.

**37.139XDMP-CHILDSEQ**

**Message Text**
Object nodes cannot have sequence children

**37.140XDMP-CHILDUNNAMED**

**Message Text**
Object nodes cannot have unnamed children

**37.141XDMP-CIRCVAR**
W3C XQuery Standard Equivalent: err:XQST0054
W3C XSLT Standard Equivalent: err:XTDE0640

**Message Text**
Circularly defined variable or parameter `variable1`
Causes
The variable or parameter variable1 depends upon itself.

For example, this error will occur if the initialization of a variable includes a call to function which references the variable.

Response
Correct your code.

37.142XDMP-CLARKNAME

Message Text
Invalid Clarked qname "variable1"

37.143XDMP-CLOCKSKEW

Message Text
Detected clock skew: host variable1 skewed by variable2 seconds

Causes
Clock skew is typically due to not having NTP properly functioning on all hosts in the cluster.

Response
Review your NTP configuration/settings

37.144XDMP-CODEPOINT

W3C XQuery Standard Equivalent: err:FOCH0001

Message Text
Codepoint not legal

Causes
A character was found that is not a valid XML character while decoding data with fn:codepoints-to-string or xdm:xml-decode.

Response
Correct your code.
37.145 XDMP-COLLATION
W3C XQuery Standard Equivalent: err:FOCH0002

Message Text
Unsupported collation: Collation hash \textit{variable1} not recognized

Cause
Your database configuration probably includes an invalid collation. For example, the following collation includes contradictory requirements because "S1" specifies case insensitive, but "CU" specifies upper case first:

\texttt{http://marklogic.com/collation/en/S1/CU/AS/T0020}

Response
The exact steps required to correct the problem depend upon the circumstances under which the error is encountered. If the error occurs during startup or as part of an upgrade and you have a current maintenance contract with MarkLogic, you can contact MarkLogic Technical Support for assistance.

37.146 XDMP-COLLECTIONURI
W3C XQuery Standard Equivalent: err:XQST0038

Message Text
Collation URI \textit{variable1} is not valid

Cause
Your XQuery prolog contains more than one default collation declaration, or the default collation declaration specifies an unknown collation.

Response
Correct your code.

37.147 XDMP-COLLDIFF

Message Text
String objects have different collations

Cause
The String objects have different collations, and cannot be compared.
Response
Consider constructing new String objects, specifying the collation required for comparison.

37.148XDMP-COLLNOBINDING
W3C XQuery Standard Equivalent: err:FODC0004

Message Text
Available collections provides no mapping for URI

37.149XDMP-COLLLCNNOTFOUND

Message Text
Collection lexicon not enabled

37.150XDMP-COMMENTHYPHEN
W3C XQuery Standard Equivalent: err:XQDY0072

Message Text
XML comments cannot end with a hyphen

Cause
The text in a comment node ends with a hyphen. For example:

    comment { "ends with a hyphen -" }

Response
Remove the trailing hyphen or add additional text after the hyphen.

37.151XDMP-COMMENTHYPHENS
W3C XQuery Standard Equivalent: err:XQDY0072

Message Text
XML comments cannot contain two adjacent hyphens

Cause
The text in a comment node contains two adjacent hyphens. For example:

    comment { "a -- b" }
**Response**  
Correct your code. For example, remove one of the hyphens.

37.152XDMP-COMMITLIB

**Message Text**  
Commit option cannot be used in library modules

**Cause**  
Commit option was specified in an XQuery library module.

**Response**  
Move the commit option to the main module.

37.153XDMP-COMMITTXNMODE

**Message Text**  
Commit option cannot be specified with transaction mode option

**Cause**  
Commit option was specified in combination with transaction mode option.

**Response**  
Remove the transaction mode option.

37.154XDMP-COMPARE

W3C XQuery Standard Equivalent: err:XPTY0004

**Message Text**  
Items not comparable: variable1 variable2 variable3

37.155XDMP-COMPLEX

**Message Text**  
Node has complex content
**Cause**
An attempt was made to atomize an XML element node that cannot be atomized. The element node has complex content that cannot be converted to an atomic value. Some code is attempting to convert the node to an atomic value.

**Response**
The code should not explicitly atomize the node by calling `fn:data` on it. The code should not implicitly atomize the node by passing it as a parameter to a function expecting an atomic value.

37.156XDMP-COMPTREECACHEFULL

**Message Text**
Compressed tree cache full on host `variable1`

37.157XDMP-COMPUTE

W3C XQuery Standard Equivalent: err:FORG0006

**Message Text**
Cannot compute `variable2((variable1, variable3))`

37.158XDMP-CONFLICTINGUPDATES

**Message Text**
Conflicting updates `variable1` and `variable2`

**Cause**
The application attempted to perform multiple updates to the same document within the same transaction.

A single statement may not perform more than one update to the same document. For example, you cannot update a node and add a child element to that node in the same statement.

**Response**
Revise your application code to perform the conflicting operations in two separate statements. For example, use the semicolon transaction delimiter, or execute the second update inside an `xdmp:eval` with the isolation option set to `different-transaction`.

For more information, see *Understanding Transactions in MarkLogic Server* in the Application Developer's Guide.
37.159XDMP-CONFLICTOPT

**Message Text**
Isolation option value conflicts with transaction mode option

**Cause**
Isolation option value conflicts with transaction mode option

**Response**
Remove the transaction mode option.

37.160XDMP-CONSTRNOTFOUND

**Message Text**
No constraint for variable1

**Cause**
Your search string included a constraint name that was not found.

**Response**
Ensure you provide a mapping for the constraint.

37.161XDMP-CONTEXT

W3C XQuery Standard Equivalent: err:XPDY0002

**Message Text**
Expression depends on the context where none is defined

37.162XDMP-CONTEXTITEMNOTNODE

W3C XQuery Standard Equivalent: err:XPDY0002

**Message Text**
Context item is not a node

**Cause**
You tried to operate on the context item as a node when it is an atomic type.

**Response**
Correct your query.
37.163XDMP-CONVLINK

**Message Text**
Failed to create soft links for conversion: variable1 'variable2': variable3

37.164XDMP-COPYONVALIDATEOPTVAL

**Message Text**
Invalid xdmp:copy-on-validate option value, must be "true" or "false"

37.165XDMP-COPYSAMEDIR

**Message Text**
Forest cannot be copied into the same location as the current data directory: variable1, variable2

37.166XDMP-CORRUPT

**Message Text**
read variable1:File corrupt, variable2

**Cause**
File corruption was detected reading a database file.

**Response**
Check the operating system error log for file system or storage hardware problems. See the MarkLogic technical note on troubleshooting file corruption issues.

37.167XDMP-CREDBADURL

**Message Text**
Credential variable1 not valid for URL variable2

37.168XDMP-CREDDECRYPT

**Message Text**
Unable to decrypt credential variable1 variable2

**Cause**
There is a key encryption key mismatch for this credential
Response
Make sure the text is actually encrypted. If this credential was originally encrypted on a different cluster, importing encryption keys from that cluster may allow decryption. Alternatively, you can update the credential's sensitive information.

37.169XDMP-CREDNOSIGN

Message Text
Credential not valid for signing: variable1

37.170XDMP-CREDNOTENCRYPTED

Message Text
Credential is not encrypted

37.171XDMP-CREDWITHAUTH

Message Text
Credential in combination with other authentication

Cause
A credential ID was specified along with some other authentication information (user, password, client certificate).

Response
Use either a credential, or authentication, but not both.

37.172XDMP-CTXTDEP

W3C XQuery Standard Equivalent: err:XPST0112

Message Text
Function is context dependent: variable1

Cause
You cannot dynamically call a function passed as a value if it depends on aspects of the context in order to execute. Only built-in functions can depend on the context in this way.
Response
You might be able to use another version of the same function where you can explicitly provide the information otherwise used from the context. Or you might want to wrap your call to the function in an explicit inline function such as

\[
\text{function(a,b) \{ starts-with(a,b) \}.}
\]

37.173XDMP-CVNOTFOUND

Message Text
MarkLogic Converters not found

Cause
MarkLogic Converters package is not installed on one or more host.

Response
Install MarkLogic Converters package.

37.174XDMP-DATABASEDISABLED

Message Text
Database variable1 is disabled

37.175XDMP-DATAGTLIM

Message Text
data>limit

Cause
This is an internal error, indicating corruption in the memory manager.

Response
If you have a current maintenance contract with MarkLogic, you can contact MarkLogic Technical Support.

37.176XDMP-DATE

Message Text
Invalid Date variable1
Cause
The requested date is before year -9999 or after 9999

Response
Dates outside the range of year -9999 to 9999 are not supported

37.177XDMP-DATETIME

Message Text
Invalid dateTime variable1

Cause
The value is not a valid dateTime

Response
Review the valid formats for dateTime values.

37.178XDMP-DATETIME2TZ
W3C XQuery Standard Equivalent: err:FORG0008

Message Text
Both arguments to xs:dateTime have timezones

Cause
Evaluated fn:dateTime() where both arguments contain an explicit timezone and the timezones are not equivalent.

Response
When using fn:dateTime ensure that if timezones are specified, they are equivalent in both the date and time arguments, or only present in at most one of the date and time arguments.

37.179XDMP-DATETIMEOVERFLOW
W3C XQuery Standard Equivalent: err:FODT0001

Message Text
Overflow in date/time arithmetic

Cause
The date time resulting from a calculation exceeds the range of year -9999 to year 9999
**Response**
The date time resulting from a calculation exceeds the range of year -9999 to year 9999

37.180XDMP-DATETIMEPARSINGFAILED

**Message Text**
Failed to parse the dateTime string with the given pattern.

**Cause**
The dateTime format string was unable to be parsed.

**Response**
Review the format picture and dateTime string for validity.

37.181XDMP-DBDUPURI

**Message Text**
URI variable1 found in forests variable2 and variable3 with ts=variable4

**Cause**
The same URI occurs in multiple forests. This may occur if some forests are unavailable during document insert.

**Response**
Remove the unwanted duplicate document.

37.182XDMP-DBNOTQUERYPOLICY

**Message Text**
Assignment policy is not a query policy, on database: variable1

**Cause**
The assignment policy on the database is not a query policy.

**Response**
Check your database configuration and make sure it uses the query policy before calling this function.
37.183XDMP-DBTIMESTAMP

Message Text
Query timestamp not yet known for database variable1

37.184XDMP-DEADLOCK

Message Text
Deadlock detected locking variable1

Cause
A deadlock was detected. When this message occurs at the Debug message level, the deadlock was successfully resolved. When the message occurs at the Notice level, the deadlock was unresolvable.

Deadlocks occur when two transactions are each waiting for the other to release a lock and neither can continue until the other releases the lock. Deadlocks are a normal part of database operations.

MarkLogic Server is designed to automatically detect and resolve deadlocks. When a deadlock is detected, one of the deadlocked transactions is retried, allowing the other to acquire the lock and continue. When this expected behavior occurs, XDMP-DEADLOCK is written to the log file as a Debug message, to indicate that a deadlock occurred and was resolved.

If the deadlock cannot be resolved by repeated retries, the XDMP-DEADLOCK message is written to the log file as a Notice message.

Response
If XDMP-DEADLOCK appears as an infrequent Debug message, no action is required. Deadlocks are a normal part of database operations, and the system successfully resolved the deadlock.

If XDMP-DEADLOCK appears frequently as a Debug message, you may have a performance issue. Revise your query or content structure to reduce the frequency of the deadlock.

If XDMP-DEADLOCK appears as a Notice message, the system was unable to resolve the deadlock. Examine the error message for details about the contentious resource. Revise your query or content structure to avoid the deadlock.

37.185XDMP-DEBLOB

Message Text
Cannot construct from blob: variable1
37.186 XDMP-DECOMPOUNDEDSEARCH

**Message Text**
Decompounded word searches not enabled

37.187 XDMP-DECOMPOUNDNOSTEM

**Message Text**
Decompounded word searches cannot be run unstemmed

37.188 XDMP-DECOVRFLW

W3C XQuery Standard Equivalent: err:FOAR0002

**Message Text**
Decimal overflow

37.189 XDMP-DEEPEQFUNC

W3C XQuery Standard Equivalent: err:FOTY0015

**Message Text**
Functions cannot be compared using deep-equal()

37.190 XDMP-DEFAULT-COLLATION

**Message Text**
default-collation option not allowed in this function

37.191 XDMP-DEFAULT-COORDINATE-SYSTEM

**Message Text**
default-coordinate-system option not allowed in this function

37.192 XDMP-DEFAULTCALENDARNOTFOUND

**Message Text**
Failed to find default calendar. Make sure that calendars.xml is not accidentally modified in your configuration.
37.193 XDMP-DEFAULTCOUNTRYNOTFOUND

Message Text
Failed to find default country. Make sure that countries.xml is not accidentally modified in your configuration.

37.194 XDMP-DEFAULTNSDEFND

Message Text
Default namespace is defined

37.195 XDMP-DEFAULTXQUERYVERSION

Message Text
Default XQuery version is not recognized: "variable1" (must be "0.9-ml", "1.0", "1.0-ml" or "app-server")

37.196 XDMP-DELCONSTNODES

Message Text
Cannot delete constructed nodes

37.197 XDMP-DELETEONLY

Message Text
Forest variable1 can only perform deletes

Cause
An update or insertion operation was attempted on a delete-only forest. Only read and delete operations are available on documents in a delete-only forest.

Response
Move the target document to a forest which permits update operations, or test whether or not the forest allows updates before attempting the update operation. To test the forest status, use the admin:forest-get-updates-allowed function.

37.198 XDMP-DELEXTNODES

Message Text
Cannot delete external nodes
37.199XDMP-DEPENDENCY

**Message Text**
Action on directory failed due to error in processing one of its children: `variable2`

37.200XDMP-DESTSAMEASSRC

**Message Text**
Source and Destination are the same

37.201XDMP-DFBUFREAD

**Message Text**
Data Frame buffered read error: `variable1`

37.202XDMP-DFBUFWRITE

**Message Text**
Data Frame buffered write error: `variable1`

37.203XDMP-DIFFRIDXTYPS

**Message Text**
`variable1` and `variable2` have different range index types

**Cause**
A user can specify multiple values in a range query. This error occurs if all the specified values are not of the same data-type.

**Response**
All values supplied to a range query must be of the same data-type.

37.204XDMP-DIFFTIMESTAMP

**Message Text**
Cannot process timestamped requests with same-statement isolation
37.205XDMP-DIRCREATE

Message Text
Directories cannot be created by adding property only

37.206XDMP-DIRELEMENT

Message Text
Directory property cannot be deleted or replaced

37.207XDMP-DIREXISTS

Message Text
Directory already exists

Cause
`xdmp:directory-create` called with the name of a directory that already exists; or, the directory target of a WebDAV MKCOL directive already exists.

Response
Correct the code or remove the pre-existing directory.

37.208XDMP-DIRNOACCESS

Message Text
Cannot access directory: `variable1`

37.209XDMP-DIRNOTEMPTY

Message Text
Directory cannot be deleted because it is not empty

37.210XDMP-DIRURI

Message Text
Directory URI path must end with `\`
Cause
The path part of the directory URI provided to `xdmp:directory-create` or `xdmp:directory-delete` does not end in with a '/'. For example:

```
xdmp:directory-create("the_dir")
```

Response
Correct the code by adding a '/' to the end of the path part of the directory URI. For example:

```
xdmp:directory-create("the_dir/")
```

37.211XDMP-DISABLED

Message Text
Service disabled on `variable1`: `variable2`

Cause
This message usually indicates the server is shutting down. For example, when you use the Admin Interface to change a configuration parameter that requires a restart, an automatic shutdown and restart occurs. During this shutdown, `XDMP-DISABLED` may be logged.

Response
If this message appears during an expected shutdown, no action is required. The system is performing as expected.

If this message appears in a context in which shutdown is unexpected, examine the logs for other errors to determine the root cause of the shutdown.

37.212XDMP-DISCTOKEN

Message Text
Discarding token `variable1`

37.213XDMP-DISFOREIGNREQ

Message Text
Disallowed foreign request: `variable1`

37.214XDMP-DIVBYZERO

W3C XQuery Standard Equivalent: `err:FOAR0001`
Message Text
Division by zero

Cause
Denominator was found to be zero.

Response
Check that denominator is not zero before dividing.

37.215XDMP-DOCATTRVALCHAR

Message Text
Invalid attribute value character variable1 or missing close quote at variable2 line variable3

37.216XDMP-DOCBADCHAR

Message Text
Unexpected character found: variable1 at variable2:variable3:variable4

Cause
The document contains syntax errors.

Response
Fix the syntax errors in the document.

37.217XDMP-DOCBADENTITY

Message Text
Incomplete markup in entity value variable1 at variable2 line variable3

37.218XDMP-DOCBADSTR

Message Text
Unescaped newline characters in document string literal: "variable1" at variable2:variable3:variable4

Cause
The document string literal contains unescaped newline characters.
Response
Escape newline characters using "\n", or use the three quote form of string literal available in turtle.

37.219XDMP-DOCCDATA

Message Text
CDATA section outside of content at variable1 line variable2

37.220XDMP-DOCCHARREF

Message Text
Invalid character reference variable1 at variable2 line variable3

37.221XDMP-DOCCOMMENTCHAR

Message Text
Unexpected character variable1 in comment at variable2 line variable3

Cause
Invalid syntax encountered while parsing an XML comment.

Response
Correct the content.

37.222XDMP-DOCDOCTYPE

Message Text
Doctype declaration after element content at variable1 line variable2

37.223XDMP-DOCDUPATTR

Message Text
Two attributes with the same name at variable1 line variable2
37.224 XDMP-DOCENDTAGCHAR

Message Text
Unexpected character variable1 in end tag at variable2 line variable3

37.225 XDMP-DOCENTITYREF

Message Text
Invalid entity reference variable1 at variable2 line variable3

Cause
The given entity has not been defined, or references an external entity and external entities have been disabled.

Response
Fix the entity reference. Repair options can escape the entity without raising an error.

37.226 XDMP-DOCEXISTS

Message Text
Document exists at destination

37.227 XDMP-DOCHEXCHARREF

Message Text
Invalid hex character reference variable1 at variable2 line variable3

37.228 XDMP-DOCMAXENTITYDEPTH

Message Text
Entity reference too deep variable1 at variable2 line variable3

Cause
The XML parser encountered an entity reference that was expanded from another entity reference which was itself expanded from an entity reference and so on, exceeding the maximum allowable depth. This limit is to protect from the billion laughs attack.

```xml
<!DOCTYPE lolz [ 
<!ENTITY lol "lol"> 
<!ELEMENT lolz (#PCDATA)> 
```
Response
Correct the content or DTD and re-try the operation.

37.229XDMP-DOCNOBINDING
W3C XQuery Standard Equivalent: err:FODC0005

Message Text
Available documents provides no mapping for URI

37.230XDMP-DOCNOENDTAG

Message Text
Expecting end tag variable1 at variable2 line variable3

37.231XDMP-DOCNONSBIND

Message Text
No namespace binding for prefix variable1 at variable2 line variable3

37.232XDMP-DOCNOTFOUND

Message Text
Document not found
**Cause**  
No document exists with the document URI specified in an operation such as a document copy, move, or delete.

**Response**  
Correct the URI or code and re-try the operation.

37.233XDMP-DOCPREFIX

**Message Text**  
No namespace binding for prefix: "variable1" at variable2:variable3:variable4

**Cause**  
The document prefix has not been bound to a namespace URI.

**Response**  
Fix the document to include a prefix binding.

37.234XDMP-DOCRECURSE

**Message Text**  
Recursive entity reference variable1 at variable2 line variable3

**Cause**  
The XML parser encountered an entity reference that is self-referential. It is possible to create recursive entity references in a DTD. For example, an input document of this form will throw XDMP-DOCRECURSE if read in by xdm:document-get because the entities ONE and TWO refer to each other:

```xml
<?xml version="1.0"?>
<!DOCTYPE RecursiveDTD[
<!ENTITY ZERO "A">
<!ENTITY ONE "&TWO;">
<!ENTITY TWO "&ONE;">
]>  
<data>&TWO;</data>
```

**Response**  
Correct the content or DTD and re-try the operation.
37.235 XDMP-DOCROOTTEXT

Message Text
Invalid root text variable1 at variable2 line variable3

Cause
Text appears at the root of an XML document. For example:

```
<?xml version="1.0"?>
<added-root>
  text at root
  <data>text not at root</data>
</added-root>
```

Response
Repair the content and re-try the operation. For example, insert a root element:

```
<?xml version="1.0"?>
<added-root>
  text at root
  <data>text not at root</data>
</added-root>
```

37.236 XDMP-DOCSTARTTAGCHAR

Message Text
Unexpected character variable1 in start tag at variable2 line variable3

37.237 XDMP-DOCUUNENDTAG

Message Text
Unexpected end tag variable1 at variable2 line variable3

37.238 XDMP-DOCUUNEOF

Message Text
Unexpected end of file at variable1 line variable2 (variable3 starting at line variable4)

37.239 XDMP-DOCUUNEXPECTED

Message Text
variable1 at variable2:variable3:variable4
**Cause**
The document contains syntax errors.

**Response**
Fix the syntax errors in the document.

**37.240XDMP-DOCURI**

**Message Text**
Invalid URI format: "variable1" at variable2:variable3:variable4

**Cause**
A URI in the document has invalid syntax.

**Response**
Correct the URI, or parse using "repair" mode.

**37.241XDMP-DOCUTF8SEQ**

**Message Text**
Invalid UTF-8 escape sequence at variable1 line variable2 -- document is not UTF-8 encoded

**37.242XDMP-DOCUTF8SEQ2**

**Message Text**
Invalid UTF-8 escape sequence variable1 at variable2:variable3:variable4 -- document is not UTF-8 encoded

**Cause**
A bad UTF-8 byte code sequence was found in the document.

**Response**
Encode your document in UTF-8 correctly.

**37.243XDMP-DOCWHITESPACE**

**Message Text**
Expecting mandatory whitespace at variable1 line variable2
37.244XDMP-DOCXMLCHAR

Message Text
Invalid XML character codepoint variable1 at variable2 line variable3 -- document contains non-XML character

Cause
The XML document contains a codepoint that is not legal XML.

Response
Consider running xdmp:tidy to convert the document to legal XHTML, specifically to replace illegal XML codepoints with benign codepoints.

37.245XDMP-DOLLAR
W3C XQuery Standard Equivalent: err:XPST0003

Message Text
Missing $ before variable variable1

37.246XDMP-DOMAIN

Message Text
Domain error

37.247XDMP-DRSUSPENDED

Message Text
Database replication is suspended for forest variable1

Cause
Database replication is suspended for that forest

Response
Resume database replication for that forest

37.248XDMP-DUPATTR
W3C XQuery Standard Equivalent: err:XQDY0025
**Message Text**
Two attributes with the same name

**37.249XDMP-DUPBASEURIDECL**
W3C XQuery Standard Equivalent: err:XQST0032

**Message Text**
Only one base-uri declaration allowed per module

**Cause**
The XQuery module includes two base-uri declarations.

**Response**
Remove one of the declarations.

**37.250XDMP-DUPCONSTRUCTDECL**
W3C XQuery Standard Equivalent: err:XQST0067

**Message Text**
Only one construction declaration allowed per module

**Cause**
The XQuery module includes two construction declarations.

**Response**
Remove one of the declarations.

**37.251XDMP-DUPCOPYNSDECL**
W3C XQuery Standard Equivalent: err:XQST0055

**Message Text**
Only one copy-namespaces declaration allowed per module

**Cause**
The XQuery module includes two copy-namespace declarations.

**Response**
Remove one of the declarations.
37.252XDMP-DUPDEFCOLLDECL
W3C XQuery Standard Equivalent: err:XQST0038

Message Text
Only one default collation declaration allowed per module

Cause
The XQuery module includes two default collation declarations.

Response
Remove one of the declarations.

37.253XDMP-DUPEMPTYORDERDECL
W3C XQuery Standard Equivalent: err:XQST0069

Message Text
Only one empty order declaration allowed per module

Cause
The XQuery module includes two empty order declarations.

Response
Remove one of the declarations.

37.254XDMP-DUPNSDECL
W3C XQuery Standard Equivalent: err:XQST0071
W3C XSLT Standard Equivalent: err:XTDE0430

Message Text
Duplicate namespace declaration \textit{variable1}

Cause
The XQuery module includes two namespace declarations for the same prefix.

Response
Remove one of the declarations.
37.255XDMP-DUPORDERINGDECL
W3C XQuery Standard Equivalent: err:XQST0065

Message Text
Only one ordering declaration allowed per module

Cause
The XQuery module includes two ordering declarations.

Response
Remove one of the declarations.

37.256XDMP-DUPPROLOGDECL

Message Text
Only one "variable1" declaration allowed per module

Cause
The XQuery module includes two prolog declarations that are the same.

Response
Remove one of the declarations.

37.257XDMP-DUPRULE

Message Text
Duplicate rule name in ruleset "variable1": "variable2"

Cause
The ruleset has a rule with the same name as another rule in one of the transitively imported rulesets.

Response
MarkLogic tries to avoid duplicate rules as they inefficient and pointless during inference. Either remove the duplicate rule, or if it is actually different rename it.

37.258XDMP-DUPSPACEDECL
W3C XQuery Standard Equivalent: err:XQST0068
**Message Text**
Only one "variable1" declaration allowed per module

**Cause**
The XQuery module includes two boundary space declarations.

**Response**
Remove one of the declarations.

**37.259XDMP-DUPVALIDDECL**

**Message Text**
Only one validation declaration allowed per module

**Cause**
The XQuery module includes two validation declarations.

**Response**
Remove one of the declarations.

**37.260XDMP-DUPXID**

**Message Text**
Transaction with Xid variable1 already exists

**Cause**
The Xid specified by the XA transaction manager already exists. This indicates that the transaction manager is misbehaving.

**Response**
Contact your transaction manager vendor with a bug report.

**37.261XDMP-DURATIONOVERFLOW**
W3C XQuery Standard Equivalent: err:FODT0002

**Message Text**
Overflow in duration arithmetic
37.262XDMP-DYNAMICGROUP

**Message Text**
Dynamic host with no group

**Cause**
Environment variable MARKLOGIC_CONNECT_ADDR is specified but MARKLOGIC_GROUP is not.

**Response**
Specify a group name with MARKLOGIC_GROUP.

37.263XDMP-DYNAMICHOSTCONN

**Message Text**
Connections from dynamic hosts not allowed to \textit{variable1}

**Cause**
A dynamic host attempted to connect and dynamic host connections are not allowed.

**Response**
Enable the "Allow Dynamic Host Connections" trace event on all groups in the cluster.

37.264XDMP-DYNAMICHOSTGROUP

**Message Text**
Dynamic hosts not allowed in group \textit{variable1}

**Cause**
A dynamic host attempted to join a group that does not allowed it.

**Response**
Enable the "Allow Dynamic Hosts" trace event on the group.

37.265XDMP-EFFBOOLVALUE

W3C XQuery Standard Equivalent: err:FORG0006

**Message Text**
Effective Boolean Value is undefined for \textit{variable1}
**Cause**
The sequence cannot be converted into a boolean value using the implicit XQuery effective boolean value operation.

**Response**
Use a comparison, universal quantification, or otherwise to determine the correct truth for your condition.

**37.266XDMP-ELEMATTRGIDXAMBIGUOUS**

**Message Text**
Ambiguous geospatial variable1 element-attribute index for variable2/@variable3 variable4

**Cause**
The options provided are not sufficient to uniquely identify an element-attribute geospatial point index.

**Response**
Specify type, coordinate-system, and/or precision options to uniquely identify an element-attribute geospatial point index.

**37.267XDMP-ELEMATTRGIDXNOTCOLL**

**Message Text**
Collations are irrelevant to the geospatial variable1 element-attribute index for variable2/@variable3 variable4

**Cause**
The options to the query include a collation, but the geospatial point index is not a string data-type.

**Response**
Do not specify a collation in the query's options.

**37.268XDMP-ELEMATTRGIDXNOTFOUND**

**Message Text**
No geospatial variable1 element-attribute index for variable2/@variable3 variable4 variable5
**Cause**
The query requires a geospatial point index that does not exist.

**Response**
Make sure the geospatial point index exists and that it uses the coordinate system specified in the query. If the geospatial point index was added recently, make sure reindexing is enabled and has completed.

**37.269 XDMP-ELEMATTRGIDXNOTPOSN**

**Message Text**
Positions are not enabled on the geospatial `variable1` element-attribute index for `variable2/@variable3 variable4`.

**Cause**
User has specified "ordered" or "proximity" options on a query or lexicon function when positions are not enabled on the geospatial point index.

**Response**
Either enable positions on the geospatial point index or do not specify "ordered" or "proximity" options.

**37.270 XDMP-ELEMATTRLXCNNOTFOUND**

**Message Text**
No element-attribute word lexicon for `variable1/@variable2 variable3`.

**Cause**
The query requires a lexicon that does not exist.

**Response**
Make sure the lexicon exists. If the lexicon was added recently, make sure reindexing is enabled and has completed.

**37.271 XDMP-ELEMATTRPAIRGIDXAMBIGUOUS**

**Message Text**
Ambiguous geospatial `variable1` element-attribute-pair index for `variable2/@variable3 variable2/@variable4 variable5`. 


**Cause**
The options provided are not sufficient to uniquely identify an element-attribute-pair geospatial point index.

**Response**
Specify type, coordinate-system, and/or precision options to uniquely identify an element-attribute-pair geospatial point index.

**37.272XDMP-ELEMATTRPAIRGIDXNOTCOLL**

**Message Text**
Collations are irrelevant to the geospatial `variable1` element-attribute-pair index for `variable2`/`@variable3 variable2/@variable4 variable5`

**Cause**
The options to the query include a collation, but the geospatial point index is not a string data-type.

**Response**
Do not specify a collation in the query's options.

**37.273XDMP-ELEMATTRPAIRGIDXNOTFOUND**

**Message Text**
No geospatial `variable1` element-attribute-pair index for `variable2`/@`variable3 variable2/@variable4 variable5 variable6`

**Cause**
The query requires a geospatial point index that does not exist.

**Response**
Make sure the geospatial point index exists and that it uses the coordinate system specified in the query. If the geospatial point index was added recently, make sure reindexing is enabled and has completed.

**37.274XDMP-ELEMATTRPAIRGIDXNOTPOSN**

**Message Text**
Positions are not enabled on the geospatial `variable1` element-attribute-pair index for `variable2`/@`variable3 variable2/@variable4 variable5`
**Cause**
User has specified "ordered" or "proximity" options on a query or lexicon function when positions are not enabled on the geospatial point index.

**Response**
Either enable positions on the geospatial point index or do not specify "ordered" or "proximity" options.

**37.275XDMP-ELEMATTRPAIRLXCNNOTFOUND**

**Message Text**
No element-attribute-pair word lexicon for variable1/@variable2 variable1/@variable3 variable4

**Cause**
The query requires a lexicon that does not exist.

**Response**
Make sure the lexicon exists. If the lexicon was added recently, make sure reindexing is enabled and has completed.

**37.276XDMP-ELEMATTRPAIRRIDXAMBIGUOUS**

**Message Text**
Ambiguous variable1 element-attribute-pair range index for variable2/@variable3 variable2/@variable4 variable5

**Cause**
The options provided are not sufficient to uniquely identify an element-attribute-pair range index.

**Response**
Specify type, collation, coordinate-system, and/or precision options to uniquely identify an element-attribute-pair range index.

**37.277XDMP-ELEMATTRPAIRRIDXNOTCOLL**

**Message Text**
Collations are irrelevant to the variable1 element-attribute-pair range index for variable2/@variable3 variable2/@variable4 variable5
**Cause**  
The options to the query include a collation, but the range index is not a string data-type.

**Response**  
Do not specify a collation in the query's options.

**37.278 XDMP-ELEMATTRPAIRRIDXNOTCOORD**

**Message Text**  
Coordinate systems are irrelevant to the `variable1` element-attribute-pair range index for `variable2/@variable3 variable2/@variable4 variable5`

**Cause**  
The options to the query include a coordinate system, but the range index is not a geospatial data type.

**Response**  
Do not specify a coordinate system in the query's options.

**37.279 XDMP-ELEMATTRPAIRRIDXNOTFOUND**

**Message Text**  
No `variable1` element-attribute-pair range index for `variable2/@variable3 variable2/@variable4 variable5 variable6`

**Cause**  
The query requires a range index that does not exist.

**Response**  
Make sure the range index exists. If the range index is of type string, make sure it uses the collation specified in the query. If the range index is a geospatial index, make sure it uses the coordinate system specified in the query. If the range index was added recently, make sure reindexing is enabled and has completed.

**37.280 XDMP-ELEMATTRPAIRRIDXNOTPOSN**

**Message Text**  
Positions are not enabled on the `variable1` element-attribute-pair range index for `variable2/@variable3 variable2/@variable4 variable5`
Cause
User has specified "ordered" or "proximity" options on a query or lexicon function when positions are not enabled on the range index.

Response
Either enable positions on the range index or do not specify "ordered" or "proximity" options.

37.281XDMP-ELEMATTRRIDXAMBIGUOUS

Message Text
Ambiguous variable1 element-attribute range index for variable2/@variable3 variable4

Cause
The options provided are not sufficient to uniquely identify an element-attribute range index.

Response
Specify type, collation, coordinate-system, and/or precision options to uniquely identify an element-attribute range index.

37.282XDMP-ELEMATTRRIDXNOTCOLL

Message Text
Collations are irrelevant to the variable1 element-attribute range index for variable2/@variable3 variable4

Cause
The options to the query include a collation, but the range index is not a string data-type.

Response
Do not specify a collation in the query's options.

37.283XDMP-ELEMATTRRIDXNOTCOORD

Message Text
Coordinate systems are irrelevant to the variable1 element-attribute range index for variable2/@variable3 variable4
**Cause**
The options to the query include a coordinate system, but the range index is not a geospatial data type.

**Response**
Do not specify a coordinate system in the query's options.

**37.284XDMP-ELEMATTRRIDXNOTFOUND**

**Message Text**
No `variable1` element-attribute range index for `variable2/@variable3 variable4 variable5`.

**Cause**
The query requires a range index that does not exist.

**Response**
Make sure the range index exists. If the range index is of type string, make sure it uses the collation specified in the query. If the range index is a geospatial index, make sure it uses the coordinate system specified in the query. If the range index was added recently, make sure reindexing is enabled and has completed.

**37.285XDMP-ELEMATTRRIDXNOTPOSN**

**Message Text**
Positions are not enabled on the `variable1` element-attribute range index for `variable2/@variable3 variable4`.

**Cause**
User has specified "ordered" or "proximity" options on a query or lexicon function when positions are not enabled on the range index.

**Response**
Either enable positions on the range index or do not specify "ordered" or "proximity" options.

**37.286XDMP-ELEMCHILDGIDXAMBIGUOUS**

**Message Text**
Ambiguous geospatial `variable1` element-child index for `variable2/variable3 variable4`.
Cause
The options provided are not sufficient to uniquely identify an element-child geospatial point index.

Response
Specify type, coordinate-system, and/or precision options to uniquely identify an element-child geospatial point index.

37.287XDMP-ELEMCHILDGIDXNOTCOLL

Message Text
Collations are irrelevant to the geospatial variable1 element-child index for variable2/variable3 variable4

Cause
The options to the query include a collation, but the geospatial point index is not a string data-type.

Response
Do not specify a collation in the query's options.

37.288XDMP-ELEMCHILDGIDXNOTFOUND

Message Text
No geospatial variable1 element-child index for variable2/variable3 variable4 variable5

Cause
The query requires a geospatial point index that does not exist.

Response
Make sure the geospatial point index exists and that it uses the coordinate system specified in the query. If the geospatial point index was added recently, make sure reindexing is enabled and has completed.

37.289XDMP-ELEMCHILDGIDXNOTPOSN

Message Text
Positions are not enabled on the geospatial variable1 element-child index for variable2/variable3 variable4
**Cause**
User has specified "ordered" or "proximity" options on a query or lexicon function when positions are not enabled on the geospatial point index.

**Response**
Either enable positions on the geospatial point index or do not specify "ordered" or "proximity" options.

**37.290XDMP-ELEMCHILDLXCNNOTFOUND**

**Message Text**
No element-child word lexicon for variable1/variable2 variable3

**Cause**
The query requires a lexicon that does not exist.

**Response**
Make sure the lexicon exists. If the lexicon was added recently, make sure reindexing is enabled and has completed.

**37.291XDMP-ELEMCHILDRIDXAMBIGUOUS**

**Message Text**
Ambiguous variable1 element-child range index for variable2/variable3 variable4

**Cause**
The options provided are not sufficient to uniquely identify an element-child range index.

**Response**
Specify type, collation, coordinate-system, and/or precision options to uniquely identify an element-child range index.

**37.292XDMP-ELEMCHILDRIDXNOTCOLL**

**Message Text**
Collations are irrelevant to the variable1 element-child range index for variable2/variable3 variable4
Cause
The options to the query include a collation, but the range index is not a string data-type.

Response
Do not specify a collation in the query's options.

37.293XDMP-ELEMCHILDRIDXNOTCOORD

Message Text
Coordinate systems are irrelevant to the variable1 element-child range index for variable2/variable3 variable4

37.294XDMP-ELEMCHILDRIDXNOTFOUND

Message Text
No variable1 element-child range index for variable2/variable3 variable4 variable5

Cause
The query requires a range index that does not exist.

Response
Make sure the range index exists. If the range index is of type string, make sure it uses the collation specified in the query. If the range index is a geospatial index, make sure it uses the coordinate system specified in the query. If the range index was added recently, make sure reindexing is enabled and has completed.

37.295XDMP-ELEMCHILDRIDXNOTPOSN

Message Text
Positions are not enabled on the variable1 element-child range index for variable2/variable3 variable4

Cause
User has specified "ordered" or "proximity" options on a query or lexicon function when positions are not enabled on the range index.

Response
Either enable positions on the range index or do not specify "ordered" or "proximity" options.
37.296XDMP-ELEMGIDXAMBIGUOUS

**Message Text**
Ambiguous geospatial *variable1* element index for *variable2* *variable3*

**Cause**
The options provided are not sufficient to uniquely identify an element geospatial point index.

**Response**
Specify type, coordinate-system, and/or precision options to uniquely identify an element geospatial point index.

37.297XDMP-ELEMGIDXNOTCOLL

**Message Text**
Collations are irrelevant to the geospatial *variable1* element index for *variable2* *variable3*

**Cause**
The options to the query include a collation, but the geospatial point index is not a string data-type.

**Response**
Do not specify a collation in the query's options.

37.298XDMP-ELEMGIDXNOTFOUND

**Message Text**
No geospatial *variable1* element index for *variable2* *variable3* *variable4*

**Cause**
The query requires a geospatial point index that does not exist.

**Response**
Make sure the geospatial point index exists and that it uses the coordinate system specified in the query. If the geospatial point index was added recently, make sure reindexing is enabled and has completed.
37.299XDMP-ELEMGIDXNOTPOSN

Message Text
Positions are not enabled on the geospatial variable1 element index for variable2 variable3

Cause
User has specified "ordered" or "proximity" options on a query or lexicon function when positions are not enabled on the geospatial point index.

Response
Either enable positions on the geospatial point index or do not specify "ordered" or "proximity" options.

37.300XDMP-ELEMLXCNNOTFOUND

Message Text
No element word lexicon for variable1 variable2

Cause
The query requires a lexicon that does not exist.

Response
Make sure the lexicon exists. If the lexicon was added recently, make sure reindexing is enabled and has completed.

37.301XDMP-ELEMNAME

W3C XQuery Standard Equivalent: err:XPTY0004

Message Text
Cannot use variable1 as an element name

37.302XDMP-ELEMPAIRGIDXAMBIGUOUS

Message Text
Ambiguous geospatial variable1 element-pair index for variable2/variable3 $2/variable4 variable5
**Cause**
The options provided are not sufficient to uniquely identify an element-pair geospatial point index.

**Response**
Specify type, coordinate-system, and/or precision options to uniquely identify an element-pair geospatial point index.

**37.303XDMP-ELEMPAIRGIDXNOTCOLL**

**Message Text**
Collations are irrelevant to the geospatial variable1 element-pair index for variable2/variable3 variable2/variable4 variable5

**Cause**
The options to the query include a collation, but the geospatial point index is not a string data-type.

**Response**
Do not specify a collation in the query's options.

**37.304XDMP-ELEMPAIRGIDXNOTFOUND**

**Message Text**
No geospatial variable1 element-pair index for variable2 variable3 variable4 variable5

**Cause**
The query requires a geospatial point index that does not exist.

**Response**
Make sure the geospatial point index exists and that it uses the coordinate system specified in the query. If the geospatial point index was added recently, make sure reindexing is enabled and has completed.

**37.305XDMP-ELEMPAIRGIDXNOTPOSN**

**Message Text**
Positions are not enabled on the geospatial variable1 element-pair index for variable2/variable3 variable2/variable4 variable5
**Cause**  
User has specified "ordered" or "proximity" options on a query or lexicon function when positions are not enabled on the geospatial point index.

**Response**  
Either enable positions on the geospatial point index or do not specify "ordered" or "proximity" options.

37.306XDMP-ELEMPAIRLXCNNOTFOUND

**Message Text**  
No element-pair word lexicon for variable1 variable2 variable3

**Cause**  
The query requires a lexicon that does not exist.

**Response**  
Make sure the lexicon exists. If the lexicon was added recently, make sure reindexing is enabled and has completed.

37.307XDMP-ELEMPAIRRIDXAMBIGUOUS

**Message Text**  
Ambiguous variable1 element-pair range index for variable2/variable3 $2/variable4 variable5

**Cause**  
The options provided are not sufficient to uniquely identify an element-pair range index.

**Response**  
Specify type, collation, coordinate-system, and/or precision options to uniquely identify an element-pair range index.

37.308XDMP-ELEMPAIRRIDXNOTCOLL

**Message Text**  
Collations are irrelevant to the variable1 element-pair range index for variable2/variable3 variable2/variable4 variable5
Cause
The options to the query include a collation, but the range index is not a string data-type.

Response
Do not specify a collation in the query's options.

37.309 XDMP-ELEMPAIRRIDXNOTCOORD

Message Text
Coordinate systems are irrelevant to the variable1 element-pair range index for variable2/variable3 variable2/variable4 variable5

Cause
The options to the query include a coordinate system, but the range index is not a geospatial data type.

Response
Do not specify a coordinate system in the query's options.

37.310 XDMP-ELEMPAIRRIDXNOTFOUND

Message Text
No variable1 element-pair range index for variable2 variable3 variable4 variable5

Cause
The query requires a range index that does not exist.

Response
Make sure the range index exists. If the range index is of type string, make sure it uses the collation specified in the query. If the range index is a geospatial index, make sure it uses the coordinate system specified in the query. If the range index was added recently, make sure reindexing is enabled and has completed.

37.311 XDMP-ELEMPAIRRIDXNOTPOSN

Message Text
Positions are not enabled on the variable1 element-pair range index for variable2/variable3 variable2/variable4 variable5
**Cause**  
User has specified "ordered" or "proximity" options on a query or lexicon function when positions are not enabled on the range index.

**Response**  
Either enable positions on the range index or do not specify "ordered" or "proximity" options.

37.312XDMP-ELEMRIDXAMBIGUOUS

**Message Text**  
Ambiguous variable1 element range index for variable2 variable3

**Cause**  
The options provided are not sufficient to uniquely identify an element range index.

**Response**  
Specify type, collation, coordinate-system, and/or precision options to uniquely identify an element range index.

37.313XDMP-ELEMRIDXNOTCOLL

**Message Text**  
Collations are irrelevant to the variable1 element range index for variable2 variable3

**Cause**  
The options to the query include a collation, but the range index is not a string data-type.

**Response**  
Do not specify a collation in the query's options.

37.314XDMP-ELEMRIDXNOTCOORD

**Message Text**  
Coordinate systems are irrelevant to the variable1 element range index for variable2 variable3

**Cause**  
The options to the query include a coordinate system, but the range index is not a geospatial data type.
Response
Do not specify a coordinate system in the query's options.

37.315XDMP-ELEMRIIDXNOTFOUND

Message Text
No variable1 element range index for variable2 variable3 variable4

Cause
The query requires a range index that does not exist.

Response
Make sure the range index exists. If the range index is of type string, make sure it uses the collation specified in the query. If the range index is a geospatial index, make sure it uses the coordinate system specified in the query. If the range index was added recently, make sure reindexing is enabled and has completed.

37.316XDMP-ELEMRIIDXNOTPOSN

Message Text
Positions are not enabled on the variable1 element range index for variable2 variable3

Cause
User has specified "ordered" or "proximity" options on a query or lexicon function when positions are not enabled on the range index.

Response
Either enable positions on the range index or do not specify "ordered" or "proximity" options.

37.317XDMP-EMPTY

Message Text
Node is empty: variable1

37.318XDMP-EMPTYBASEURI

W3C XQuery Standard Equivalent: err:XTDE1420

Message Text
Empty sequence not allowed as a base node
37.319XDMP-EMPTYEDICT

Message Text
Empty entity dictionary: no entities found in graph

Cause
The triples in the graph do not follow the patterns necessary to perform the mapping.

Response
Make sure you are using the correct graph URI, the correct SKOS URI (http://www.w3.org/2004/02/skos/core#), and that all your intended entities are a skos:Concept with a skos:prefLabel.

37.320XDMP-EMPTYISOL

Message Text
Isolation option is empty: variable1

37.321XDMP-EMPTYROOT

Message Text
Root option is empty: variable1

37.322XDMP-EMPTYUSERID

Message Text
User-id option is empty

37.323XDMP-EMPTYXQUERYVERSION

Message Text
Default XQuery Version option is empty (must be "0.9-ml", "1.0", "1.0-ml" or "app-server"): variable1

37.324XDMP-ENCODING

Message Text
Unsupported character encoding: variable1
37.325 XDMP-ENDDOCUMENT

**Message Text**
There is no started document.

37.326 XDMP-ENDED

**Message Text**
Transaction already ended, variable1

37.327 XDMP-ENDELEMENT

**Message Text**
There is no started element.

37.328 XDMP-ENDPOINTCREATESESSION

**Message Text**
Attempt to create a session when calling variable1, which doesn't allow sessions.

**Cause**
The endpoint attempts to create a session but the declaration doesn't allow sessions.

**Response**
Correct your code

37.329 XDMP-ENDPOINTCREATESESSIONNOID

**Message Text**
Attempt to create a session with no SessionID when calling variable1.

**Cause**
The request doesn't contain a SessionID but the endpoint attempts to create a session.

**Response**
Correct your code
37.330 XDMP-ENDPOINTDECL

Message Text
variable1 : variable2 is invalid : variable3

Cause
The declaration of the endpoint is invalid.

Response
Correct the declaration

37.331 XDMP-ENDPOINTINVALIDPARAM

Message Text
variable1 has an invalid value per the endpoint declaration.

Cause
The request contains a parameter with invalid value per the endpoint declaration.

Response
Correct your code or endpoint declaration

37.332 XDMP-ENDPOINTMULTIPLE

Message Text
variable1 is a parameter that doesn't allow multiple values.

Cause
The request contains multiple values for a parameter that can only take one.

Response
Correct the request

37.333 XDMP-ENDPOINTNULLABLE

Message Text
variable1 is a parameter the request must provide a value for.
**Cause**  
The request contains no value for a parameter that is not nullable.

**Response**  
Correct the request

37.334XDMP-ENDPOINTSESSIONNOTALLOWED

**Message Text**  
Found SessionID in the request when calling variable1.

**Cause**  
The request contains a SessionID but the endpoint doesn't allow a session.

**Response**  
Correct your code or endpoint declaration

37.335XDMP-ENDPOINTSESSIONREQUIRED

**Message Text**  
No SessionID in the request when calling variable1.

**Cause**  
The request doesn't contain a SessionID but the endpoint requires a session.

**Response**  
Correct your code or endpoint declaration

37.336XDMP-ENDPOINTUNKNOWNPARAM

**Message Text**  
variable1 is an unknown parameter.

**Cause**  
The request contains a parameter that is not in the endpoint declaration.

**Response**  
Correct your code or endpoint declaration
37.337XDMP-ENDTAG
W3C XQuery Standard Equivalent: err:XPST0003

Message Text
End tag variable2 does not match start tag variable1

37.338XDMP-ENRICHNOTAVAIL

Message Text
Entity enrichment libraries not installed for host variable1

37.339XDMP-ENTITYREF
W3C XQuery Standard Equivalent: err:XPST0003

Message Text
Invalid entity reference variable1

37.340XDMP-EVALLIBMOD

Message Text
Cannot evaluate library module: variable1

Cause
The specified library module cannot be evaluated.

Response
This error sometimes occurs when a file exists with the same path under the Modules directory and under the App Server root, and if the one under the Modules directory cannot evaluate for some reason (for example, because it is a library module). If this is the case, either fix the module under the Modules directory or use a different name for the module that does not exist under the Modules directory.

37.341XDMP-EVALQUERY

Message Text
No query to eval
37.342XDMP-EXLIMIT

**Message Text**
Thread control limits exceeded: host=variable1 limit=variable2 value=variable3

**Cause**
An app server/xdbc server request exceeded one or more thread control limits set in its endpoint decl file or using request limit APIs. Resource-hungry requests which lead to bad performance on server frequently cause limits exceeded.

**Response**
If you determine the cause of exceeding the limits is an inefficient or incorrect request, tune your request.

If you determine the cause of this error is inadequate processing limits, you may be able to configure more generous limits through the endpoint decl file or using request limit APIs for current request.

37.343XDMP-EXPNTREECACHEFULL

**Message Text**
Expanded tree cache full on host variable1 uri variable2

**Cause**
The expanded tree cache ran out of space, preventing completion of the query.

The expanded tree cache stores XML fragments during query processing. The expanded tree cache must be large enough to hold a copy of all expanded XML fragments needed concurrently during query evaluation. Depending on what the query does and how it is constructed, the set of concurrent fragments may not include every fragment used by the query.

**Response**
This error may be addressed by modifying your query or your cache configuration.

- Tune your query to require fewer expanded XML fragments. For example, tune the query to return fewer results or paginate the results.
- Tune your query to require fewer concurrent cached fragments.
- Increase the size of the expanded tree cache, using the setting under Groups > Default > Configure. Since increasing the cache size may strain other system resources, you should first attempt to modify or tune your query.
• If the error occurs only when processing large documents, consider fragmenting your content.

**37.344 XDMP-EXPR**
W3C XQuery Standard Equivalent: err:XPTY0004

**Message Text**
Invalid expression

**Cause**
XDMP-EXPR occurs when the operands of an expression have incompatible types. For example, attempting to add a numeric value and a string, or when the actual type of an expression does not match a required expected type.

```xml
(: generates XDMP-EXPR :)
let $x = 1 + "abc" ... 
```

XDMP-EXPR may also occur as the side-effect of another syntax or semantic error.

**Response**
Correct your code.

**37.345 XDMP-EXPRONLY**

**Message Text**
xdmp:value only accepts simple expressions

**37.346 XDMP-EXTENSION**
W3C XQuery Standard Equivalent: err:XPST0003

**Message Text**
MarkLogic extension syntax used, `variable1` are not supported in `variable2` mode

**Cause**
The XQuery syntax used is only available with MarkLogic syntax extensions enabled.

**Response**
MarkLogic extension syntax can be enabled by using a version declaration of "1.0-ml".
37.347 XDMP-EXTFUN

**Message Text**
Undefined external function `variable1`

**Cause**
No implementation can be found for the external function declared.

**Response**
External functions are not currently supported by MarkLogic - you should provide the body of the function using XQuery.

37.348 XDMP-EXTIME

**Message Text**
Time limit exceeded

**Cause**
A query or other operation exceeded its processing time limit. Inefficient queries frequently cause timeouts.

Surrounding messages in the log file may pinpoint the operation which timed out. In the example below, the timeout occurs during re-indexing:

```
Warning: XDMP-FORESTERR: Error in reindex of forest some_forest:
XDMP-REFRAGMENT: Error refragmenting fn:doc("some_doc"):
XDMP-EXTIME: Time limit exceeded
```

**Response**
If you determine the cause of the timeout is an inefficient or incorrect query, tune your query.

If you determine the cause of the time is an inadequate processing limit, you may be able to configure a more generous limit through the Admin Interface.

For more information on configuring timeouts, see the *Administrator's Guide*.

37.349 XDMP-EXTNIMPRT

**Message Text**
Cannot import extension: `variable1`
37.350XDMP-EXTVAR
W3C XQuery Standard Equivalent: err:XPDY0002

**Message Text**
Undefined external variable *variable1*

**Cause**
The external global variable has not had a value assigned to it.

**Response**
Provide a value for the variable when calling `xdmp:eval`, `xdmp:invoke` etc. If you are not using these functions, then MarkLogic has no method to provide values for external variables - you should assign the global variable a value directly in the query.

37.351XDMP-EXTVARLIMIT

**Message Text**
Limit of external variables exceeded *variable1*

37.352XDMP-FATAL

**Message Text**
Fatal: *variable1*

37.353XDMP-FEATUREPREFIX
W3C XQuery Standard Equivalent: err:XPST0081

**Message Text**
Prefix not found in the statically known namespaces: *variable1*

37.354XDMP-FIELDGIDXAMBIGUOUS

**Message Text**
Ambiguous geospatial *variable1* field index for *variable2* *variable3*

**Cause**
The options provided are not sufficient to uniquely identify a field geospatial point index.
Response
Specify type, coordinate-system, and/or precision options to uniquely identify a field geospatial point index.

37.355XDMP-FIELDGIDXNOTCOLL

Message Text
Collations are irrelevant to the geospatial variable1 field index for variable2 variable3

Cause
The options to the query include a collation, but the geospatial point index is not a string data-type.

Response
Do not specify a collation in the query's options.

37.356XDMP-FIELDGIDXNOTFOUND

Message Text
No geospatial variable1 field index for variable2 variable3 variable4

Cause
The query requires a geospatial point index that does not exist.

Response
Make sure the geospatial point index exists and that it uses the coordinate system specified in the query. If the geospatial point index was added recently, make sure reindexing is enabled and has completed.

37.357XDMP-FIELDGIDXNOTPOSN

Message Text
Positions are not enabled on the geospatial variable1 field index for variable2 variable3

Cause
User has specified "ordered" or "proximity" options on a query or lexicon function when positions are not enabled on the geospatial point index.
Response
Either enable positions on the geospatial point index or do not specify "ordered" or "proximity" options.

37.358XDMP-FIELDLXCNNOTFOUND

Message Text
No field word lexicon for variable1 variable2

Cause
A user has attempted either of the lexicon functions cts:field-words or cts:field-word-match on a field, when there is no word lexicon built for the field.

Response
Define a word lexicon and wait for reindexing to complete before using the lexicon functions on the field.

37.359XDMP-FIELDRIDXAMBIGUOUS

Message Text
Ambiguous variable1 field range index for variable2 variable3

Cause
The options provided are not sufficient to uniquely identify a field range index.

Response
Specify type, collation, coordinate-system, and/or precision options to uniquely identify a field range index.

37.360XDMP-FIELDRIDXNOTCOLL

Message Text
Collations are irrelevant to the variable1 field range index for variable2 variable3

Cause
The options to the query include a collation, but the range index is not a string data-type.

Response
Do not specify a collation in the query's options.
37.361 XDMP-FIELDRIDXNOTCOORD

**Message Text**
Coordinate systems are irrelevant to the `variable1` field range index for `variable2 variable3`

**Cause**
The options to the query include a coordinate system, but the range index is not a geospatial data type.

**Response**
Do not specify a coordinate system in the query's options.

37.362 XDMP-FIELDRIDXNOTFOUND

**Message Text**
No `variable1` field range index for `variable2 variable3 variable4`

**Cause**
The query requires a range index that does not exist.

**Response**
Make sure the range index exists. If the range index is of type string, make sure it uses the collation specified in the query. If the range index is a geospatial index, make sure it uses the coordinate system specified in the query. If the range index was added recently, make sure reindexing is enabled and has completed.

37.363 XDMP-FIELDRIDXNOTPOSN

**Message Text**
Positions are not enabled on the `variable1` field range index for `variable2 variable3`

**Cause**
User has specified "ordered" or "proximity" options on a query or lexicon function when positions are not enabled on the range index.

**Response**
Either enable positions on the range index or do not specify "ordered" or "proximity" options.
37.364 XDMP-FILESIZES

Message Text
Inconsistent file sizes for variable1: variable2

Cause
The files mentioned in the message should all have the same size except for BinaryKeys, which may have the size of 0. Inconsistent file sizes may indicate a corrupted stand.

Response
Restore the corrupted stand from backup or otherwise recreate it. Please also check your system logs for evidence of file system errors.

37.365 XDMP-FNPUBPRIV

W3C XQuery Standard Equivalent: err:XQST0106

Message Text
A function declaration's annotations cannot contain more than one annotation named %fn:private or %fn:public.

Cause
The function declaration contains duplicate %fn:public or %fn:private annotations, or contains both these annotations.

Response
Remove one or more annotations.

37.366 XDMP-FORESTBACKUPFAILED

Message Text
Backup failed for forest variable1: exception_stack

37.367 XDMP-FORESTDETACHED

Message Text
Forest must be attached to a database and merge timestamp in the database must be set to non-zero value when restoring with journal archiving and restore-to-time is zero
37.368XDMP-FORESTDISABLED

**Message Text**
Forest *variable1* is disabled

**Cause**
The forest is disabled.

**Response**
Enable the forest.

37.369XDMP-FORESTERR

**Message Text**
Error in *variable1* of forest *variable2*: *exception_stack*

**Cause**
An error occurred while processing the named forest, such as during a re-index or checkpoint operation. The underlying error messages are displayed after the forest name.

**Response**
Refer to the underlying errors for additional information.

37.370XDMP-FORESTINCRBACKUPFAILED

**Message Text**
Incremental backup failed for forest *variable1*: *exception_stack*

37.371XDMP-FORESTMNT

**Message Text**
Forest *variable1* not mounted: *exception_stack*

**Cause**
*XDMP-FORESTMNT* is usually seen as a Debug level message when mounting of a forest fails at startup or during a forest restart.
When any instance of MarkLogic Server in a cluster starts up or a forest restarts, each host tries to mount all the forests configured for the entire cluster. A forest is successfully mounted once MarkLogic Server reads the forest information from the forest. If the mounting of a forest fails, XDMP-FORESTMNT is logged and the system retries the mount.

**Response**

If the message is reported at the Debug level and is eventually followed by a successful mount report, no action is required.

If this message occurs repeatedly, while attempting to mount a remote forest, you may have a network connectivity issue or the machine hosting the forest on local disk may be down.

**37.372XDMP-FORESTNID**

**Message Text**

Specified forest variable1 not in database

**37.373XDMP-FORESTNOBACKUPSINCERESTORE**

**Message Text**

Forest variable1 has no backup since last restore

**37.374XDMP-FORESTNOT**

**Message Text**

Forest variable1 not available: exception_stack

**Cause**

The named forest is unavailable for the current operation. The exception_stack shows the underlying errors that caused XDMP-FORESTNOT.

**Response**

Review the errors in the exception_stack to identify and address the underlying cause. For example, the full error stack might look like:

```
XDMP-FORESTNOT: Forest Security not available:
XDMP-FORESTERR: Error in startup of forest Security:
    XDMP-NOJOURNAL: No journal for recovery token {...}
```

In this case, MarkLogic Server was started by a non-root user, preventing the system from accessing the Security forest.
37.375XDMP-FORESTNOTINDB

Message Text
Forest is not in a database: variable1

Cause
This occurs during replication or journal replay if a forest is not assigned to a database.

Response
Assign the forest to a database.

37.376XDMP-FORESTNOTLOCAL

Message Text
Forest variable1 is not local to host variable2

37.377XDMP-FORESTNOTOPEN

Message Text
$nm with identifier variable1

37.378XDMP-FORESTOPIN

Message Text
Forest variable1 has a variable2 operation in progress

Cause
The system attempted to start one forest operation (backup, restore, remove, clear, etc.) while another, exclusive operation was already in progress. For example, starting a new backup while a previous backup is still in progress.

Response
Resolution depends upon the context of the overlapping operations. If you need assistance determining the underlying cause and have a current maintenance contract with MarkLogic, you can contact MarkLogic Technical Support.
37.379XDMP-FORESTRESTOREFAILED

Message Text
Restore failed for forest variable1: exception_stack

37.380XDMP-FORESTRETIRED

Message Text
Retired forests don't allow new inserts variable1

37.381XDMP-FORESTSTATE

Message Text
Bad state transition on Forest variable1 state 'variable2' => 'variable3'

37.382XDMP-FORESTTAKEN

Message Text
Forest variable1 unexpectedly taken by host variable2

Cause
More than one host attempted to write to the same forest label. XDMP-FORESTTAKEN most often occurs when the host reporting the error loses connection with the rest of cluster, yet is still up. The failure sequence may be:

1. The problem host loses connection with the rest of the cluster and its networked storage. This might be due to excessive load or network connectivity problems.

2. The cluster detects that the problem host is offline and fails its forests over to other hosts in the cluster.

3. The problem host rejoins the cluster and discovers its forests have been taken by another host. The problem host then reports XDMP-FORESTTAKEN and restarts.

Response
If the host reporting XDMP-FORESTTAKEN is actually temporarily disconnected from its cluster, the system is performing as expected. No action is required.

If the cluster disconnection is unexpected, investigate the cause of the interruption. Possible causes include network interrupts, heavy load, or thread starvation on the reporting host.
If the cluster disconnection is due to regular, expected load, consider changing the host timeout or XDQP timeout. For more information, see Configuring Failover for a Forest in the Scalability, Availability, and Failover Guide. Increasing these timeouts increases how long it takes the system to detect and respond to a real outage.

37.383XDMP-FORESTTASKSTATUSUNKNOWN

**Message Text**
Task status unknown for forest variable1 on host variable2

37.384XDMP-FORESTTIM

**Message Text**
Forest variable1 variable2 operation timed out

37.385XDMP-FORMAT

**Message Text**
Invalid format (must be "xml", "text", or "binary"): variable1

**Cause**
Occurs when parsing a document and specifying the document format. The format must be one of "xml", "text", or "binary".

**Response**
Use a valid document format string, "xml", "text", or "binary".

37.386XDMP-FOUNDSTAND

**Message Text**
Found stand in forest variable1: variable2

37.387XDMP-FOUNDSTANDS

**Message Text**
Found stands in forest variable1: variable2
37.388 XDMP-FRAGMENT

Message Text
Cannot cross fragment boundary

37.389 XDMP-FRAGMENTPROTECTEDPATH

Message Text
Fragment with protected path doc("variable1")//variable2

Cause
Fragment with protected path

Response
Check element level security and fragmentation setting for any path overlap.

37.390 XDMP-FRAGSET

Message Text
Fragset not found

Cause
When a lexicon function has a query constraint, a request is made to the D-nodes to construct a fragset with the results. If that fragset is not available when later requested the error is thrown. The operation is retried. In normal operations this error is not expected, but may be seen when many facet-heavy operations occur at one time.

Response
The application or system provisioning need to be adjusted.

37.391 XDMP-FRAGTOOLARGE

Message Text
Fragment of variable1 too large for in-memory storage: exception_stack

Cause
The document is too large to load into the database as a single fragment.
Response
Develop and configure a fragmentation strategy or break up the document into smaller pieces.

37.392XDMP-FUNCTIONCYCLE

Message Text
A cycle was detected in the function closure

Cause
A function cannot be member of its own closure, either directly or indirectly.

Response
Do not add the function as a member of itself.

37.393XDMP-FUNNS

W3C XQuery Standard Equivalent: err:XQST0048

Message Text
Function variable1 not in target namespace variable2

37.394XDMP-FUNNSREQ

W3C XQuery Standard Equivalent: err:XQST0060

W3C XSLT Standard Equivalent: err:XTSE0740

Message Text
Functions must be declared in a non-empty namespace

Cause
The function was declared using a name in no namespace.

Response
Use a prefix or a default function namespace to put the function in your chosen namespace.

37.395XDMP-FUNNSRES

W3C XQuery Standard Equivalent: err:XQST0045

W3C XSLT Standard Equivalent: err:XTSE0080
**Message Text**
Functions may not be declared in a reserved namespace

**Cause**
A function was declared in a reserved namespace.

**Response**
Choose a different namespace for your function.

**37.396XDMP-FWDVAR**
W3C XQuery Standard Equivalent: err:XPST0008

**Message Text**
Forward reference to global variable variable1

**Cause**
A global variable has been referenced before its declaration.

**Response**
Move the global variable declaration before its reference.

**37.397XDMP-GEO-WRONGTYPE**

**Message Text**
Scalar type must be either point or long-lat-point.

**Cause**
Incorrect "type" option is passed into the geospatial cts reference or query call. Geospatial point range indexes can only be of type "point" or "long-lat-point". Element pair and element attribute pair geospatial point indexes can only be of type "point".

**Response**
Correct the code.

**37.398XDMP-GEOHASH-COORD**

**Message Text**
Geohashes cannot be computed for this coordinate system: variable1
**Cause**
Geohashes can only be calculated for a geographic coordinate system. This error occurs if you attempt to calculate geohashes using a non-geographic coordinate system, such as "raw."

**Response**
Use a geographic coordinate system, such as "wgs84."

**37.399 XDMP-GEOHASH-TOLERANCE**

**Message Text**
Goehash error variable1

**Cause**
Tolerance is too big for the geohash precision.

**Response**
Use double precision or use a smaller tolerance or use smaller geohash precision.

**37.400 XDMP-GEOREGIONIDX**

**Message Text**
Geospatial region index error: variable1 variable2: variable3

**Cause**
User inserted a document that could not be indexed by the geospatial region index, and the region index is configured to reject invalid values.

**Response**
Change the data. If the data cannot be changed and you still want to insert the data, then configure the geospatial region index to accept invalid values.

**37.401 XDMP-GEOREGIONIDX-NOTFOUND**

**Message Text**
No geospatial region index for variable1 variable2

**Cause**
The query requires a geospatial region index that does not exist.
**Response**
Make sure the geospatial region index exists and that it uses the coordinate system specified in the query. If the geospatial region index was added recently, make sure reindexing is enabled and has completed.

**37.402XDMP-GEOREGIONIDX-TOOBIG**

**Message Text**
Too many entries in geospatial region index variable1

**37.403XDMP-GEOVAL**

**Message Text**
Element variable1 contains invalid geospatial value

**37.404XDMP-GETOVERLAPRES**

**Message Text**
GetOverlappedResult variable1: variable2

**37.405XDMP-GIDXAMBIGUOUS**

**Message Text**
Ambiguous geospatial variable1 index for variable2 variable3

**Cause**
The options provided are not sufficient to uniquely identify a geospatial point index.

**Response**
Specify type, coordinate-system, and/or precision options to uniquely identify a geospatial point index.

**37.406XDMP-GIDXNOTCOLL**

**Message Text**
Collations are irrelevant to the geospatial variable1 index for variable2 variable3
Cause
The options to \texttt{cts:reference} include a collation, but the geospatial point index is not a string data-type.

Response
Do not specify a collation in the \texttt{cts:reference}'s options.

37.407XDMP-GIDXNOTFOUND

Message Text
No geospatial \texttt{variable1} index for \texttt{variable2 variable3 variable4}

Cause
The query requires a geospatial point index that does not exist.

Response
Make sure the geospatial point index exists and that it uses the coordinate system specified in the query. If the geospatial point index was added recently, make sure reindexing is enabled and has completed.

37.408XDMP-GIDXNOTPOSN

Message Text
Positions are not enabled on the geospatial \texttt{variable1} index for \texttt{variable2 variable3}

Cause
User has specified "ordered" or "proximity" options on \texttt{cts:value-tuples} when positions are not enabled on the geospatial point index.

Response
Either enable positions on the geospatial point index or do not specify "ordered" or "proximity" options on \texttt{cts:value-tuples}.

37.409XDMP-GSS

Message Text
GSS Error: \texttt{variable1}
37.410XDMP-GZIPCOMPRESSION

**Message Text**
Error in GZIP compression

37.411XDMP-GZIPDECOMPRESSION

**Message Text**
Error in GZIP decompression

37.412XDMP-GZIPTOOBIG

**Message Text**
File is too big to be gzipped

37.413XDMP-HASHLOCKINGRETRY

**Message Text**
Retry hash locking. Forests config hash does not match.

**Cause**
Hash locking sometimes need to retry when forest is added to or removed from a database.

**Response**
Retry until hash locking occurs.

37.414XDMP-HEURCOM

**Message Text**
Transaction with identifier *variable1* is heuristically committed

**Cause**
The XA transaction has already been heuristically committed.

**Response**
Your transaction manager should be handling this error automatically. This usually arises because an administrator explicitly committed a prepared XA transaction without the transaction manager.
37.415XDMP-HEURRB

**Message Text**
Transaction with identifier variable1 is heuristically rolled back

**Cause**
The XA transaction has already been heuristically rolled back.

**Response**
Your transaction manager should be handling this error automatically. This usually arises because an administrator explicitly rolled back a prepared XA transaction without the transaction manager.

37.416XDMP-HEXBINARYTOOBIG

**Message Text**
Hex binary value too big to be serialized to a string

**Cause**
Hex binary values 2GB or larger cannot be serialized to a string.

**Response**
Use a smaller value.

37.417XDMP-HEXREF

W3C XQuery Standard Equivalent: err:XPST0003

**Message Text**
Invalid hex character reference variable1

37.418XDMP-HOSTDOWN

**Message Text**
Host variable1 down: exception_stack

37.419XDMP-HOSTOFFLINE

**Message Text**
Host is offline or not responding
37.420 XDMP-HTTP

**Message Text**
Only valid for an HTTP Server

**Cause**
Occurs when an API that is only supposed to work on an HTTP Server is called in a non-HTTP context.

**Response**
Fix the application.

37.421 XDMP-HTTP-CONNECT

**Message Text**
HTTP CONNECT fails host=variable1:variable2 code=variable3 message="variable4" details=variable5

**Cause**
Handshake to create HTTP Proxy Tunnel fails.

**Response**
Check the proxy URL and status of proxy server.

37.422 XDMP-HTTP-DATA

**Message Text**
Can only PUT/POST binary or text data

**Cause**
Occurs when data that is neither text nor binary is passed as PUT/POST data.

**Response**
Fix the application.

37.423 XDMP-HTTP-MULTIPART

**Message Text**
Only valid for a HTTP request with the multipart/mixed or multipart/related content type
**Cause**
Occurs when an API that is only supposed to work for a multipart(mixed or related) request is called for other types of request.

**Response**
Fix the application.

**37.424XDMP-HTTP-PUT-POST**

**Message Text**
Only valid for an HTTP PUT or POST request, not for $variable1$

**Cause**
Occurs when an API that is only supposed to work for a HTTP PUT or POST request is called for other types of request.

**Response**
Fix the application.

**37.425XDMP-ICUCONVRTFAILED**

**Message Text**
Failed to convert the date with the given arguments.

**37.426XDMP-IGNOREAMPS**

**Message Text**
ignore-amps option not allowed in this function

**37.427XDMP-ILLEGALPICTURE1**
W3C XQuery Standard Equivalent: err:FOFD1340
W3C XSLT Standard Equivalent: err:XTDE1340

**Message Text**
Illegal picture format: Numeric presentation marker must end in '1' such as 001
**Cause**
If a numeric or date/time picture string contains a zero digit then the last digit must be a '1' and correspond to the same unicode range as the zero digit (The codepoint must be one greater than the codepoint used for the zero digit).

**Response**
When entering the format picture for numeric or date/time formatting functions you must 1) use Unicode characters corresponding to the digits '0' and '1' 2) they must be in the same Unicode range 3) the '1' digit must be the last numeric digit.

**37.428XDMP-ILLEGALPICTURE4**
W3C XQuery Standard Equivalent: err:FOFD1340
W3C XSLT Standard Equivalent: err:XTDE1340

**Message Text**
Illegal picture format: Minimum width cannot be more than maximum width

**Cause**
When specifying a minimum and maximum width such as [M,2-3], the minimum width must be greater or equal to the maximum width

**Response**
Specify a minimum width greater than or equal to the maximum width or omit both.

**37.429XDMP-ILLEGALPICTURE5**
W3C XQuery Standard Equivalent: err:FOFD1340
W3C XSLT Standard Equivalent: err:XTDE1340

**Message Text**
Illegal picture format

**Cause**
An unexpected character or format in the picture format string.

**Response**
Check the format string for invalid format or characters.
37.430XDMP-ILLEGALPICTURE6
W3C XQuery Standard Equivalent: err:FOFD1340
W3C XSLT Standard Equivalent: err:XTDE1340

Message Text
Illegal picture format: Variable component in the picture format must close with ']'

Cause
A '[' was found before a matching ']' or no matching ']' was found before the end of the picture string.

Response
Fix the picture string so there are properly matching '[' and ']' characters.

37.431XDMP-ILLEGALPICTURE7
W3C XQuery Standard Equivalent: err:FOFD1340
W3C XSLT Standard Equivalent: err:XTDE1340

Message Text
Illegal picture format: ']' in literal component of the picture must have a following ']'

Cause
*REVIEW: The description is incorrect. should read: Illegal picture format: ']' in literal component of the picture must have a preceding '[' Cause: A ']' was encountered without a matching preceding '['.

Response
Edit the picture string to have matching ']' and ']' or escape the ']' with ']]'

37.432XDMP-ILLEGALPICTURE8
W3C XQuery Standard Equivalent: err:FOFD1340
W3C XSLT Standard Equivalent: err:XTDE1340

Message Text
Illegal picture format. One of the variable markers doesn't have closing square brackets.
Cause
The picture string is missing a closing ']').

Response
Correct the picture string to properly match '[' and ']'.

37.433 XDMP-ILLEGALPIORCOMMENT

Message Text
Binary and Text documents cannot have Processing Instructions or Comments

37.434 XDMP-ILLEGALSPECIFIER
W3C XQuery Standard Equivalent: err:FOFD1340
W3C XSLT Standard Equivalent: err:XTDE1340

Message Text
Illegal specifier \textit{variable1} in the picture format

Cause
An unrecognized specifier was found in the format picture string.

Response
Check and edit the picture format string for valid specifiers.

37.435 XDMP-ILLEGALSPECIFIER2
W3C XQuery Standard Equivalent: err:FOFD1350
W3C XSLT Standard Equivalent: err:XTDE1350

Message Text
Illegal specifier in the picture format

Cause
Caused by including a format specifier inappropriate for the function. For example, using an Hour specifier \texttt{[H]} in \texttt{fn:format-date}

Response
Check and correct format specifiers so they are appropriate to the function used.
37.436 XDMP-IMPDUPMODNS
W3C XQuery Standard Equivalent: err:XQST0047

Message Text
Namespace "variable1" was named in a previous module import, use a comma-separated list of module locations

37.437 XDMP-IMPMODNS
W3C XQuery Standard Equivalent: err:XQST0059

Message Text
Import module namespace variable1 does not match target namespace variable2 of imported module variable3

37.438 XDMP-IMPMODURI
W3C XQuery Standard Equivalent: err:XQST0059

Message Text
Cannot import module for namespace URI variable1 without location URI

37.439 XDMP-IMPNUMLMODNS
W3C XQuery Standard Equivalent: err:XQST0088

Message Text
Cannot import module with null namespace

37.440 XDMP-IMPORTMOD

Message Text
Cannot import Main Module variable1

37.441 XDMP-IMPORTPATH

Message Text
Invalid Module Import path: variable1
37.442XDMP-INCOMPATCOLLATION

Message Text
Incompatible collation settings: variable1 and variable2

37.443XDMP-INCOMPATFIELDS

Message Text
Incompatible fields: variable1 variable2

Cause
You ran a field query with multiple fields having different tokenization rules.

Response
Break the field query into separate field queries.

37.444XDMP-INCOMPATKERNEL

Message Text
Cannot use variable1 kernel function with variable2 classifier

37.445XDMP-INCOMPLETE

Message Text
Document incomplete

37.446XDMP-INCONSCOORD

Message Text
variable1 and variable2 are inconsistent coordinate systems

Cause
A user may specify multiple coordinate-system options for index references, lexicon calls, and queries. This error occurs if the user has specified multiple inconsistent coordinate systems for the same index.
37.447 XDMP-INCONSGEOFORMAT

**Message Text**
*variable1* and *variable2* are inconsistent geospatial point format options

**Cause**
A user may specify multiple geospatial point formats for index references, lexicon calls, and queries. This error occurs if the user has specified multiple inconsistent geospatial point format options for the same index.

37.448 XDMP-INCONSISTENTIMPORT

**Message Text**
Inconsistent module imports? *variable1*

37.449 XDMP-INCONSOPTS

**Message Text**
Inconsistent options *variable1* *variable2*

37.450 XDMP-INCONSPRECISION

**Message Text**
*variable1* and *variable2* are inconsistent coordinate system precision options

**Cause**
A user may specify multiple precision options for index references, lexicon calls, and queries. This error occurs if the user has specified multiple inconsistent coordinate system precision options for the same index.

37.451 XDMP-INCONSRIHX

**Message Text**
*variable1* and *variable2* are inconsistent range indexes

**Cause**
A user can specify multiple range indexes in cts:values and related functions. This error occurs if all the specified range indexes do not have the same scalar type, collation, and coordinate system.
Response
All range indexes supplied to cts:values or a related function must be consistent.

37.452XDMP-INCONSTYPE

Message Text
variable1 and variable2 are inconsistent scalar types

Cause
A user may specify multiple types for index references, lexicon calls, and queries. This error occurs if the user has specified multiple inconsistent types for the same index.

37.453XDMP-INCREMENTALCACHED

Message Text
Cannot use cached-incremental option with non-zero score function.

37.454XDMP-INDEXATTR

Message Text
Attributes not allowed on element variable1

37.455XDMP-INDEXATTRVAL

Message Text
Index reference attribute contains an invalid value: variable1

37.456XDMP-INDEXELEM

Message Text
Index reference element contains unknown child: variable1

37.457XDMP-INDEXNOCOORD

Message Text
Index reference requires a coordinate system: variable1
37.458XDMP-INDEXNODE

**Message Text**
Index reference element `variable1` contains unknown child

37.459XDMP-INDEXPATHLEAF

**Message Text**
An indexable path must end with a name test: `variable1`

**Cause**
User has supplied a path expression that does not end with a name test.

**Response**
Correct the syntax of path expression such that it ends with a name test.

37.460XDMP-INDEXPATHSELFAXIS

**Message Text**
An indexable path must not begin with a self axis: `variable1`

**Cause**
User has supplied a path expression that starts with a dot `.'

**Response**
Correct the syntax of path expression such that it starts either in an element or a child axis or a descendent axis.

37.461XDMP-INDEXTEXT

**Message Text**
Index reference element `variable1` contains misplaced text

37.462XDMP-INDEXVAL

**Message Text**
Index reference element contains an invalid value: `variable1`
37.463XDMP-INFEXPR
W3C XQuery Standard Equivalent: err:FOAR0002

**Message Text**
A value of +INF or -INF not allowed here

37.464XDMP-INFFULL

**Message Text**
The size limit for inferred triples in a ruleset store has been exceeded

**Cause**
The number of triples inferred by a sem:ruleset-store() during query execution has exceeded the maximum size configured.

**Response**
Increase the size of the inference memory configured for the sem:ruleset-store() using the "size=" option. You can also configure a higher default inference size using admin:appserver-set-max-inference-size() or the AppServer configuration section of the Admin UI.

37.465XDMP-INFOREST

**Message Text**
Cannot move variable1. Document already in forest variable2

37.466XDMP-INFSIZE

**Message Text**
Request inference size exceeds the maximum allowed.

37.467XDMP-INITERR

**Message Text**
Initialization error: variable2 variable3: variable1
37.468 XDMP-INMEMSTANDINVSIZE

**Message Text**
InMemoryStand::recoverRangeIndexes: invalid size variable1

37.469 XDMP-INMEMTRPLFULL

**Message Text**
The size limit for an in-memory triple store has been exceeded

**Cause**
The number of triples passed to a call to sem:in-memory-store() has exceeded the maximum size allowed.

**Response**
Use fewer triples in a call to sem:in-memory-store().

37.470 XDMP-INMFMFULL

**Message Text**
In-memory storage full variable1

**Cause**
An in-memory list for the index structure filled up and had to be written to disk.

**Response**
This is a normal artifact when the memory structure fills up. This is a retryable exception and will normally recover seamlessly, causing no problems. If the message occurs infrequently, you can ignore it. If the message occurs frequently, you can raise the cache sizes in the Group configuration, but normally this is not necessary.

37.471 XDMP-INMGEOREGIONIDXFULL

**Message Text**
In-memory geospatial region index storage full variable1

**Cause**
The in-memory geospatial region index filled up. The stand will write to disk. This message is informational.
Response
This is a normal artifact when the memory structure fills up. This is a retryable exception and will normally recover seamlessly, causing no problems. If the message occurs infrequently, you can ignore it. If the message occurs frequently, you can raise the in-memory geospatial region index size in the Database configuration.

37.472XDMP-INMMINDXFULL

Message Text
In-memory range-index storage full\texttt{variable1}

37.473XDMP-INMMLISTFULL

Message Text
In-memory list storage full\texttt{variable1}

Cause
The in-memory list storage filled up. The stand will write to disk. This message is informational.

Response
This message is informational. No action is required.

37.474XDMP-INMMTREEFULL

Message Text
In-memory tree storage full\texttt{variable1}

37.475XDMP-INMMTRPLFULL

Message Text
In-memory triple storage full\texttt{variable1}

37.476XDMP-INMREVIDXFULL

Message Text
In-memory reverse-index storage full\texttt{variable1}
37.477XDMP-INPUTERROR

**Message Text**
Input error

**Cause**
An error was returned to MarkLogic while it was processing input to create a document. Details about the error are not known.

**Response**
Check the contents of the input source. Upgrade to a more recent version of MarkLogic for more error details.

37.478XDMP-INTERNAL

**Message Text**
Internal error: variable1

**Cause**
A MarkLogic internal error has occurred.

**Response**
Report this error to MarkLogic as a bug.

37.479XDMP-INTERNALERROR2

**Message Text**
Internal error [2] in formatter

**Cause**
A MarkLogic internal error has occurred.

**Response**
Report this error to MarkLogic as a bug.

37.480XDMP-INTERNALERROR3

**Message Text**
Internal error [3] in formatter
**Cause**
A MarkLogic internal error has occurred.

**Response**
Report this error to MarkLogic as a bug.

**37.481 XDMP-INTERNALERROR4**

**Message Text**
Internal error [4] in formatter

**Cause**
A MarkLogic internal error has occurred.

**Response**
Report this error to MarkLogic as a bug.

**37.482 XDMP-INTERNALERROR5**

**Message Text**
Internal error [5] in formatter

**Cause**
A MarkLogic internal error has occurred.

**Response**
Report this error to MarkLogic as a bug.

**37.483 XDMP-INTERNALERROR6**

**Message Text**
Internal error [6] in formatter

**Cause**
A MarkLogic internal error has occurred.

**Response**
Report this error to MarkLogic as a bug.
37.484 XDMP-INTERNALERROR7

**Message Text**
Internal error [7] in formatter

**Cause**
A MarkLogic internal error has occurred.

**Response**
Report this error to MarkLogic as a bug.

37.485 XDMP-INVALIDDATE

**Message Text**
Invalid data specified. *variable1*

37.486 XDMP-INVALID-PERCENTAGE

**Message Text**
Invalid percentage: must be between 0 and 1 (inclusive)

**Cause**
The percentage is invalid.

**Response**
Correct your code.

37.487 XDMP-INVALID-TRAILINGSEARCH

**Message Text**
Invalid trailing search pattern: *variable1*

37.488 XDMP-INVALIDAPIDECL

**Message Text**
The api declaration with path *variable1* is invalid.

**Cause**
The api declaration JSON document is ill-formatted.
Response
Correct the format of the api declaration

37.489XDMP-INVALIDDIR

Message Text
Path is invalid as data directory: variable1

37.490XDMP-INVALIDENCODING

Message Text
Expecting an encoding of either hex or base64.

37.491XDMP-INVALIDLOWERBOUND

Message Text
Invalid lower bound: variable1

Cause
The lower bound has a data type that doesn't match the partition key.

Response
Check your configuration.

37.492XDMP-INVALIDRANGEBOUNDARIES

Message Text
Invalid range boundaries: variable1

Cause
The lower bound is not smaller than the upper bound.

Response
Check your configuration.

37.493XDMP-INVALIDTRIPLE

Message Text
The node does not represent a valid triple
Cause
The node is not an element or document node with element child, or it that element does not contain an "s", "p", or "o" child element.

Response
Correct the triple format.

37.494XDMP-INVALIDTRIPLEMAP

Message Text
The JavaScript object or map:map does not represent a valid triple

37.495XDMP-INVALIDTRIPLEOBJECT

Message Text
The object node does not represent a valid triple

37.496XDMP-INVALIDUPPERBOUND

Message Text
Invalid upper bound: variable1

Cause
The upper bound has a data type that doesn't match the partition key.

Response
Check your configuration.

37.497XDMP-INVALIDURI TYPE

W3C XQuery Standard Equivalent: err:XTDE1420

Message Text
URI(s) can only be of types xs:string, xs:anyURI, xs:untypedAtomic or base URI of a node.

37.498XDMP-INVALLOCK

Message Text
Invalid activeLock element: variable1
37.499XDMP-INVALTXDB

**Message Text**
Transaction with identifier `variable1` references database `variable2`, but the current database is `variable3`

**Cause**
The transaction specified does not reference the specified database.

**Response**
You may be calling a REST service with a transaction and database specified that do not match.

37.500XDMP-INVAUTHATTRIB

**Message Text**
Invalid authorization attribute: `variable1`

37.501XDMP-INVAUTHMETH

**Message Text**
Invalid authorization method: `variable1`

37.502XDMP-INVBINDING

**Message Text**
Invalid binding for key `'variable1'`

**Cause**
Bindings for cts:parse must have values that are strings or range index references.

**Response**
Put appropriate values into the binding map.

37.503XDMP-INVCALLBACK

**Message Text**
Invalid callback function for `'variable1'`
**Cause**
The key was bound to a callback function which was not valid.

**Response**
Fix the callback function or the callback bindings.

37.504 XDMP-INVCHARCLASS

**Message Text**
Invalid character class for default-script: *variable1*

37.505 XDMP-INVCLUSTERS

**Message Text**
The minimum number of clusters cannot be greater than maximum number

37.506 XDMP-INVCONFIG

**Message Text**
Server has invalid config files: *variable1*

37.507 XDMP-INVCOORD

**Message Text**
Invalid coordinate system *variable1*

**Cause**
An invalid coordinate system name was specified.

**Response**
Correct the coordinate system name.

37.508 XDMP-INVDATABASEONLINEEVENT

**Message Text**
Invalid Database Online event
**Cause**

An error occurred during execution of the database online trigger event handler. This error most often occurs when the `cpf:restart` trigger runs under an invalid user id.

During installation, the Content Processing Framework configures the `cpf:restart` trigger to run as the admin user at the time of installation. If the configured user id is removed, the `XDMP-INVDATABASEONLINEEVENT` error is logged.

**Response**

If you suspect the `cpf:restart` trigger is running under an invalid user id, check and correct the user id in the `trgr:database-online-event/trgr:user` element. See the Triggers Module of the XQuery API Reference.

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### 37.509XDMP-INVDATAEVENT

**Message Text**

Invalid trigger data event definition

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### 37.510XDMP-INVDICT

**Message Text**

Invalid dictionary `variable1`

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### 37.511XDMP-INVGEOHASH

**Message Text**

Invalid geohash `variable1`

**Cause**

The specified string is not a valid geohash.

**Response**

Correct your code.

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### 37.512XDMP-INVGEOHASHTYPE

**Message Text**

`variable1` is an invalid geohash type.
**Cause**
The provided geohash type is invalid.

**Response**
correct your code.

**37.513 XDMP-INVGEOOP**

**Message Text**
Invalid geospatial operation variable1

**Cause**
The specified geospatial operation is not valid.

**Response**
correct your code.

**37.514 XDMP-INVGZIP**

**Message Text**
Invalid gzip file

**37.515 XDMP-INVHTTPOPTS**

**Message Text**
HTTP Options not allowed when not loading from an HTTP source

**37.516 XDMP-INVLOCK**

**Message Text**
Invalid LockDiscovery document: variable1

**37.517 XDMP-INVMANATTR**

**Message Text**
Invalid manifest attribute: variable1
37.518XDMP-INVMANNOD

**Message Text**
Invalid manifest node: variable1

37.519XDMP-INVMANNS

**Message Text**
Invalid manifest namespace: variable1 node has namespace: variable2

37.520XDMP-INVMANVAL

**Message Text**
Invalid manifest (expect an array of objects): variable1

37.521XDMP-INVMINCLUSTERS

**Message Text**
The minimum number of clusters cannot be less than 1

37.522XDMP-INVOKEMODULE

**Message Text**
No module to invoke

37.523XDMP-INVOKEPATH

**Message Text**
Invalid invoke path: variable1

37.524XDMP-INVOPTIONS

**Message Text**
Invalid options node

37.525XDMP-INVOPTNAM

**Message Text**
Invalid option name: variable1
37.526 XDMP-INVOPTNOD

**Message Text**
Invalid options node: variable1

37.527 XDMP-INVOPTNS

**Message Text**
Invalid option namespace: variable1 node has namespace: variable2

37.528 XDMP-INVOPTVAL

**Message Text**
Invalid option value: option 'variable1' has unexpected value 'variable2'

37.529 XDMP-INVPAGERANGE

**Message Text**
Invalid page range: page start variable1 is greater than page end variable2

37.530 XDMP-INVPARTITIONQUERY

**Message Text**
Invalid Partition Query: doc(variable1)

37.531 XDMP-INQUERY

**Message Text**
Invalid query at 'variable1'

37.532 XDMP-INVSCHHEME

**Message Text**
Invalid protocol scheme: variable1

37.533 XDMP-INVTASK

**Message Text**
Invalid task in Task Server
37.534 XDMP-INVTERMS

Message Text
Insufficient number of terms from nodes

37.535 XDMP-INVTMPL

Message Text
An invalid format was found while parsing a URL Template: variable1

37.536 XDMP-INVTRIGGER

Message Text
Invalid trigger definition

37.537 XDMP-INVTRIGGERMODULE

Message Text
Invalid trigger module definition

37.538 XDMP-INVTXNOPT

Message Text
Invalid transaction option: variable1

37.539 XDMP-INVZIP

Message Text
Invalid zip file

37.540 XDMP-IOERR

Message Text
I/O error: variable2 variable3: variable1

Cause
A host operating system I/O function returned an unexpected error. The host operating system function, file name, and error message are included in the error report.
Response
See the host operating system documentation for the precise meaning of the error message. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

37.541XDMP-IRINOTQNAME

Message Text
Conversion from an IRI to a QName failed: variable1

Cause
The IRI provided does not contain a fragment identifier, and therefore cannot be turned into a QName.

Response
Use an IRI that can be converted.

37.542XDMP-ISOLATION

Message Text
Isolation option not allowed in this function

37.543XDMP-JEXC

Message Text
variable3

37.544XDMP-JNLFULL

Message Text
Journal full before in-memory stand for forest variable1variable2

37.545XDMP-JNLNOTOPN

Message Text
Journal not open: variable1 (variable2)
**Cause**
An unexpected error occurred while journaling a transaction. No open journal file could be found. The server will retry and may succeed.

**Response**
Check for other error messages that may indicate the root cause of the problem. Check that files and directories have permissions allowing MarkLogic access. Check that adequate free space is available on the file system. Check for any antivirus or backup agents interfering with MarkLogic. Check the operating system error log for file system or storage hardware problems. Try increasing the journal size in the database configuration. The journal should be at least the in-memory list size plus the in-memory tree size. Use of range indexes or lexicons further increases the required journal space.

**37.546XDMP-JNLTXNFLUE**

**Message Text**
The journal has exceeded its limit for in-process transaction records: \(\text{txn\_size=variable1MB, current\_size=variable2MB, limit=variable3MB}\)

**Cause**
A fixed limit of \(1/16\text{th}\) of the journal size is a maximum for information about prepared uncommitted transactions. This size limit has been exceeded by the transaction being committed. No more transactions will be allowed to move to being prepared, until the transactions currently using this space have committed or rolled back successfully.

**Response**
Explicitly commit or rollback XA transactions waiting in a prepared state. Increase your journal size to allow more space for prepared uncommitted transactions.

**37.547XDMP-JOININGHOST**

**Message Text**
Suppress warning when joining host

**37.548XDMP-JOURNALARCHIVEAUXDB**

**Message Text**
Cannot specify auxiliary databases when enabling journal archiving.
Cause
When backing up with journal archiving, you cannot include auxiliary databases with the backup. This is to prevent journal archive files for auxiliary databases being scattered among several different database backups.

Response
Backup auxiliary databases separately with a full database backup and journal archiving set to true.

37.549XDMP-JOURNALARCHIVEBADFOREST

Message Text
Expecting all forests to be attached and belong to the same database when enabling journal archiving.

Cause
This error occurs when taking a full backup with journal archiving and not having all forests attached or belonging to the same database.

Response
When taking a full backup with journal archiving, make sure all forests are attached and belong to the same database.

37.550XDMP-JOURNALARCHIVEBADLAGLIMIT

Message Text
Expecting the lag limit to be greater than 5 seconds.

Cause
This error occurs when taking a full database backup with journal archiving and the lag limit is set to less than 5 seconds.

Response
When taking a full database backup with journal archiving set the lag limit to 5 seconds or more.

37.551XDMP-JOURNALARCHIVEBADRESTOREFOLDER

Message Text
Expecting full backup folder and journal archive folder to have the same timestamp when restoring. Got variable1 for full backup folder. Got variable2 for journal archive folder.
Cause
You can store your archived journals and full database backup data in separate locations using the admin API. This message occurs when the restoring from separate full database backup and journal archiving locations. It indicates the journal archive folder does not have a timestamp that matches the full backup folder, which means that it is likely that full backup and archived journals are from separate backups.

Response
When restoring from a full database backup, the system will choose the earliest timestamped backup folder from the `restore-to-time` value. For the journal archiving path, unless the folder timestamp is explicitly specified, the timestamp chosen for the full backup path will be applied to the journal archiving path. In the case of a flash backup, it is possible for the full database backup folder and the journal archive folder to have different timestamps. In this case, you must specifically select the journal archive timestamped folder when restoring with the admin API. Ex: Error if timestamps don't match - `xdmp:database-restore(xdmp:forest("Documents"),"/space/backup",(),true(),"/space/ja")` Ok if timestamps don't match - `xdmp:database-restore(xdmp:forest("Documents"),"/space/backup",(),true(),"/space/ja/20120206-1152597588850")` If you are not trying to restore from flash backup, it is likely that the two folders contain unrelated data. Therefore, modify your journal archiving path to find a folder containing journal archiving data with the correct timestamp. If you did not explicitly choose a different journal archiving location, then the journal archives are likely stored in the same path as the full backup.

37.552XDMP-JOURNALCONSUMERSHUTDOWN

Message Text
Journal consumer has been shut down

37.553XDMP-JOURNALOFF

Message Text
Journaling is set to off: `variable1`

Cause
Certain operations require journaling to be enabled in order to function

Response
Error message indicates a corrupt journal file. Perhaps a journal archive file from an old system was switched in with a journal archive file from a current system. In this case, the internal structure of the header frame may have changed between versions or the checksum formulas may have changed. Best solution is to take another full backup with journal archiving enabled in order to resume journal archiving.
37.554XDMP-JSBADDATATYPE

Message Text
Inconsistent "datatype" property: variable1

Cause
The JSON Schema has a value for a "datatype" property that is inconsistent with the "type" or "format" property.

Response
The JSON Schema is invalid and needs fixing.

37.555XDMP-JSBADNODEKIND

Message Text
Invalid node kind: 'variable2' at property 'variable1' using

Cause
The JSON Schema has an illegal kind of node for a property or a subschema, such as an object node when an array node was expected.

Response
The JSON Schema is invalid and needs fixing.

37.556XDMP-JSBADROOT

Message Text
Invalid JSON Schema root

Cause
The JSON Schema is a document node with multiple child nodes.

Response
The JSON Schema is invalid and needs fixing.

37.557XDMP-JSBADTYPE

Message Text
Invalid value for "type" property: variable1
Cause
The JSON Schema has an illegal value for a "type" property.

Response
The JSON Schema is invalid and needs fixing.

37.558XDMP-JSONCHAR
Message Text
Unexpected character 'variable1' in JSON at line variable2 char variable3

37.559XDMP-JSONCP
Message Text
Unexpected codepoint variable1 in JSON at line variable2 char variable3

37.560XDMP-JSONDOC
Message Text
Document is not JSON

37.561XDMP-JSONDUPKEY
Message Text
Duplicate key variable1 in JSON at line variable2 char variable3

37.562XDMP-JSONEOF
Message Text
Unexpected end of file in JSON at line variable1 char variable2

37.563XDMP-JSONHEX
Message Text
Invalid hex reference variable1 in JSON at line variable2 char variable3
37.564XDMP-JSONNUM

Message Text
Invalid number variable1 in JSON

37.565XDMP-JSUNDREF

Message Text
Undefined reference variable1

Cause
The JSON Schema has a "$ref" that does not refer to a JSON schema node.

Response
The "$ref" value may be incorrect. If it is a remote reference, make sure that the referenced JSON schema is in the schemas database at the proper location. If the remote reference uses as relative URI, make sure that the the base URI is correct.

37.566XDMP-JSVALIDATEBADSCHEMA

Message Text
Invalid schema variable1: exception_stack

Cause
The schema at schema URI variable1, used in a validation episode, is not a valid JSON Schema.

Response
Review and correct your schema.

37.567XDMP-JSVALIDATEFALSE

Message Text
Invalid node: Node not valid against false schema at variable2 using schema variable3

Cause
Validation found an invalid node.

Response
The instance is invalid. Fix the content to be valid.
37.568XDMP-JSVALIDATEINVCONST

Message Text
Invalid node value: Expected node of constant value variable3, found variable4 at variable1 using schema variable2

Cause
Validation found a node that did not have the expected fixed value.

Response
The instance is invalid. Fix the content to be valid.

37.569XDMP-JSVALIDATEINVENUM

Message Text
Invalid node value: Expected node of one of enumeration values variable3, found variable4 at variable1 using schema variable2

Cause
Validation found a node that did not have one of the expected enumeration values.

Response
The instance is invalid. Fix the content to be valid.

37.570XDMP-JSVALIDATEINVFORMAT

Message Text
Invalid node value: Node value is not valid per format variable3, found variable4 at variable1 using schema variable2

Cause
Validation found a node that was not in the proper format.

Response
The instance is invalid. Fix the content to be valid.
37.571XDMP-JSVALIDATEINVMAXITEMS

Message Text
Too many items: Expected maximum of variable3 items, found variable4 at variable1 using schema variable2

Cause
Validation found a node that had too many items.

Response
The instance is invalid. Fix the content to be valid.

37.572XDMP-JSVALIDATEINVMAXPROPERTIES

Message Text
Too many properties: Expected maximum of variable3 properties, found variable4 at variable1 using schema variable2

Cause
Validation found a node that had too many properties.

Response
The instance is invalid. Fix the content to be valid.

37.573XDMP-JSVALIDATEINVMINITEMS

Message Text
Insufficient items: Expected minimum of variable3 items, found variable4 at variable1 using schema variable2

Cause
Validation found a node that did not have enough items.

Response
The instance is invalid. Fix the content to be valid.
37.574XDMP-JSVALIDATEINVMINMAX

Message Text
Invalid node value: Node value beyond 'variable4' range, expected variable5 and found variable3 at variable1 using schema variable2

Cause
Validation found a node that was beyond the stated minimum or maximum.

Response
The instance is invalid. Fix the content to be valid.

37.575XDMP-JSVALIDATEINVMINPROPERTIES

Message Text
Insufficient properties: Expected minimum of variable3 properties, found variable4 at variable1 using schema variable2

Cause
Validation found a node that did not have enough properties.

Response
The instance is invalid. Fix the content to be valid.

37.576XDMP-JSVALIDATEINVNODE

Message Text
Invalid node: Node variable2 not valid against property 'variable1' expected variable4 using schema variable3

Cause
Validation found an invalid node.

Response
The instance is invalid. Fix the content to be valid.
37.577XDMP-JSVALIDATEINVTYPE

Message Text
Invalid node type: Expected node of type `variable3`, found `variable4` at `variable1` using schema `variable2`

Cause
Validation found a node that did not equal the declared 'const' value.

Response
The instance is invalid. Fix the content to be valid.

37.578XDMP-JSVALIDATEINVUNIQUE

Message Text
Invalid node: Array node does not contain unique items at `variable1` using schema `variable2`

Cause
Validation found an invalid array node.

Response
The instance is invalid. Fix the content to be valid.

37.579XDMP-JSVALIDATEMISSING

Message Text
Missing property: Required `variable3` property not found at `variable1` using schema `variable2`

Cause
Validation found a node that had too many properties.

Response
The instance is invalid. Fix the content to be valid.

37.580XDMP-JSVALIDATEUNEXPECTED

Message Text
Unexpected data: Expected `variable3` at `variable1` using schema `variable2`
Cause
Validation found a node that did not match the schema.

Response
The instance is invalid. Fix the content to be valid.

37.581XDMP-KERBEROS

Message Text
Kerberos Error: variable1

37.582XDMP-KEYGENFAILED

Message Text
Key generation for embedded KMS failed

37.583XDMP-KEYMISMATCH

Message Text
Key mismatch, variable1 variable2

Cause
This error is often a side-effect of a corrupted forest or file system error, such as running out of file descriptors or disk space on the forest's file system. Key file corruption may also occur if the disk becomes temporarily unavailable while the system is trying sync one of the MarkLogic Server memory mapped files to disk.

Response
Correct the underlying file system problem and restore the corrupted forest. For example, restore the system to a healthy state from a good backup, or delete the corrupted stand to get the forest to a healthy state and then reload missing documents.

If you need assistance determining the extent of the corruption and restoring the system to a good state and you have a current maintenance contract with MarkLogic, you can contact MarkLogic Technical Support.

37.584XDMP-KEYNOTFOUND

Message Text
Key encryption key variable1 was not found
37.585XDMP-KMSERROR

**Message Text**
The configured Key Management Service has returned an error: `variable1`

**Cause**
The external Key Management Service has returned an error

**Response**
Validate the Key Management Service configuration.

37.586XDMP-LABELBADARCH

**Message Text**
Bad architecture in label: `variable1` instead of `variable2` in `variable3`

37.587XDMP-LABELBADMAGIC

**Message Text**
Bad forest label magic number: `variable1` instead of `variable2`

37.588XDMP-LABELBADPLATFORM

**Message Text**
Bad platform in label: `variable1` instead of `variable2` in `variable3`

37.589XDMP-LABELBADWORDSIZE

**Message Text**
Bad word size: `variable1` instead of `variable2`

37.590XDMP-LABELDNE

**Message Text**
Forest label does not exist: `variable1`
37.591XDMP-LANG

**Message Text**
Unsupported language variable1

37.592XDMP-LANGCODE

**Message Text**
Language code missing variable1

37.593XDMP-LASTMODIFIED

**Message Text**
The last-modified property is read-only and cannot be removed

37.594XDMP-LDAP

**Message Text**
variable1 failed on ldap server variable2: variable3

37.595XDMP-LDAP-INVALID-CRED

**Message Text**
variable1 failed on ldap server variable2: variable3

37.596XDMP-LDAP-START-TLS

**Message Text**
"ldaps" cannot use with start tls.

37.597XDMP-LEGACYMODULESYNTAX

W3C XQuery Standard Equivalent: err:XPST0003

**Message Text**
NCName required with module declaration

**Cause**
You have used a "0.9-ml" syntax for declaring a module. Newer syntax requires a prefix to be specified for the module's namespace.
Response
Specify a prefix to be bound to the module's namespace.

37.598XDMP-LEGACYVARSYNTAX
W3C XQuery Standard Equivalent: err:XPST0003

Message Text
Use := to initialize module variables: variable1

Cause
You have used the "0.9-ml" syntax for initializing global variables.

Response
Use "::=" rather than "{ ... }".

37.599XDMP-LEVTOOBIG

Message Text
String too large to calculate levenshtein distance: variable1

37.600XDMP-LEXER

Message Text
Lexer error: variable1

Cause
The XQuery lexer has encountered a fatal error.

Response
Usually this indicates an out of memory condition, although there are other exceptional circumstances for this error.

37.601XDMP-LEXINT
W3C XQuery Standard Equivalent: err:FORG0001

Message Text
variable1 is not a valid lexical representation of an unsignedInt
37.602XDMP-LEXNUM
W3C XQuery Standard Equivalent: err:FORG0001

Message Text
variable1 is not a valid lexical representation of a number

37.603XDMP-LEXVAL

Message Text
Invalid lexical value variable1

Cause
A typed value cannot be parsed from text because the text does not fit the lexical rules of the type.

Response
Change the text or the type.

37.604XDMP-LIMITEXCEEDED

Message Text
Value:variable1 exceeded limit:variable2

37.605XDMP-LIMITNOTSUPPORTED

Message Text
The specified meter name is not supported.

37.606XDMP-LISTCACHEFULL

Message Text
List cache full on host variable1

Cause
The query results are too large to fit all of the term lists resulting from the index resolution stage into the list tree cache.

Response
Possible solutions include:
• Tune the query to select fewer items during index resolution.
• Reduce the size of your forest data, which will lead to fewer results per query.
• Ensure appropriate indexes are enabled. For example, enabling positions may improve multi-term and proximity queries.
• Increase the size of the list cache in the group configuration.

If you increase your list cache size, be careful not to over-tune your system. If you decide to apply this solution and have a current maintenance contract with MarkLogic, MarkLogic Technical Support can assist you with selecting an appropriate cache size.

The size of all caches, both group and database related, should usually add up to less than half of physical memory.

**37.607XDMP-LITERALNOTLEGAL**  
W3C XQuery Standard Equivalent: err:FOFD1340  
W3C XSLT Standard Equivalent: err:XTDE1340  

**Message Text**  
Literal in the picture format contains odd number of square brackets.

**37.608XDMP-LOCKCONFLICT**  
**Message Text**  
A conflicting lock exists on this document

**37.609XDMP-LOCKDOC**  
**Message Text**  
Cannot update lock documents

**37.610XDMP-LOCKED**  
**Message Text**  
Document or Directory is locked

**37.611XDMP-MAIL**  
**Message Text**  
Error sending mail: variable1
37.612XDMP-MAIL-INV-MULTIPART

**Message Text**
Invalid multipart: *variable1*

**Cause**
Invalid multipart for JSON email format.

**Response**
Change the part to be text or JavaScript object.

37.613XDMP-MAIL-INVATTACHMENT

**Message Text**
Invalid attachment

**Cause**
Attachment is not encoded text.

**Response**
Change attachment to encoded text.

37.614XDMP-MAIL-INVBODY

**Message Text**
Invalid email body: *variable1*

**Cause**
Invalid email body for JSON email format.

**Response**
Change the body to be either text or JavaScript object.

37.615XDMP-MAIL-INVBOUNDARY

**Message Text**
Invalid multipart boundary: *variable1*
Cause
Invalid multipart boundary for JSON email format.

Response
Change the boundary to be text.

37.616XDMP-MAIL-INVENCODING

Message Text
Invalid encoding: variable1

Cause
Encoding not supported.

Response
Change encoding to base64 or hex.

37.617XDMP-MAIL-INVHEADER

Message Text
Invalid header: variable1

Cause
Invalid value for rfc822 header.

Response
Change content of the header.

37.618XDMP-MAIL-NO-RECIPIENTS

Message Text
No recipients

Cause
Tried to send mail without any recipients.

Response
Enter one or more recipients and try again.
37.619XDMP-MAINMOD

Message Text
Main module failed to parse

37.620XDMP-MANYFUNCTIONS
W3C XQuery Standard Equivalent: err:XPTY0004

Message Text
Ambiguous function name, possible functions include: variable1

Cause
Multiple functions match the given function localname.

Response
Fully qualify the function with a prefix or QName syntax.

37.621XDMP-MANYITEMSEQ
W3C XQuery Standard Equivalent: err:XPTY0004

Message Text
Sequence containing more than one item

37.622XDMP-MAP

Message Text
Invalid hash table element

37.623XDMP-MAPCYCLE

Message Text
A cycle was detected in the map entry

Cause
A map cannot be member of itself, either directly or indirectly.

Response
Do not add the map as a member of itself.
37.624 XDMP-MAPENTRY

**Message Text**
Invalid hash table entry element

37.625 XDMP-MAPPEDFILEERROR

**Message Text**
Error mapping file: variable1 variable2: variable3

37.626 XDMP-MAPPINGOPTVAL

**Message Text**
Invalid xdmp:mapping option value, must be "true" or "false"

37.627 XDMP-MATCHPRIORITYEXPR

**Message Text**
Invalid match pattern passed to xdmp:match-priority: variable1

37.628 XDMP-MATCHZERO

**Message Text**
W3C XQuery Standard Equivalent: err:FORX0003
Pattern matches zero-length string

37.629 XDMP-MAXATOMS

**Message Text**
Maximum number of atoms exceeded

37.630 XDMP-MAXFRAGMENTS

**Message Text**
Maximum number of fragments exceeded
37.631 XDMP-MAXSTRINGS

**Message Text**
Maximum number of strings exceeded

**37.632 XDMP-MAXTASKS**

**Message Text**
Task Server exceeded maximum number of tasks: \textit{variable1}

**Cause**
The actions of spawn and or cpf has caused the tasks in the task server queue to be greater than the maximum number allowed.

**Response**
Examine Task Server utilization and consider either increasing the task queue size or throttling back the workload being put on Task Server.

**37.633 XDMP-MAXTRIGGERDEPTH**

**Message Text**
Trigger or task spawn exceeded maximum depth: \textit{variable1}

**Cause**
Recursive trigger execution has exceeded the depth limit set.

**Response**
This usually indicates an infinite recursion in your triggers. Otherwise the trigger depth limit can be changed.

**37.634 XDMP-MEMCANCELED**

**Message Text**
Canceled because of memory usage on host \textit{variable1}, requestMemory=\textit{variable2}, totalMemory=\textit{variable3}, memoryLimit=\textit{variable4}

**Cause**
The request was cancelled because its memory usage was too high.
Response
Retry the operation.

37.635XDMP-MEMORY

Message Text
Memory exhausted

Cause
Insufficient contiguous memory address space.

Response
A detailed technical note on troubleshooting out-of-memory issues is available from MarkLogic Technical Support. In brief, you may need to:

- Change your swap space allocation. A 2:1 ratio between virtual and physical memory is recommended.
- Tune your MarkLogic Server cache settings.
- If you run MarkLogic Server on a 32-bit platform, consider moving to a 64-bit platform.
- If you are running on 32-bit Windows, increase the virtual address space addressable by applications from 2G to 3G by adding the `/3G` switch to your `boot.ini` file. Microsoft has a Support note available about this switch.

37.636XDMP-MERGESPACE

Message Text
Not merging due to disk space limitations, need=`variable1` MB, have=`variable2` MB

Cause
There was not enough disk space to complete the merge operation.

Response
You need to free space on or add space to the device in which the forest is stored. If your forest is also in the error state (XDMP-FORESTERR), then you can perform the following to get it out of the error state:

1. Disable automatic merges on the forest.
2. Restart the forest.
3. Delete some documents from the forest.

4. Start a manual merge on the forest.

37.637XDMP-MERGETIMESTAMPMISSING

**Message Text**
Merge timestamp must be set to non-zero value when restoring with journal archiving and restore-to-time is zero

37.638XDMP-MERGETIMESTAMPTOOLATE

**Message Text**
Merge timestamp must be set to a time less than the restore-to-time when restoring with journal archiving.

37.639XDMP-MINVERSIONREQUIRED

**Message Text**

variable1 cannot be used until the cluster is upgraded to effective version variable2.

37.640XDMP-MISSING-KEY

**Message Text**
Missing one or more required keys/fields variable1

**Cause**
A required key was missing from the object

**Response**
The object is invalid. Add the missing key.

37.641XDMP-MISSINGCONTEXT

W3C XQuery Standard Equivalent: err:XPDY0002

**Message Text**
Missing context item
37.642XDMP-MISSINGFILE

Message Text
Missing file variable1

37.643XDMP-MISSINGFILES

Message Text
Missing files variable1

Cause
The named files should be present in your stand, but are missing. This may indicate a corrupted stand.

Response
Restore the corrupted stand from backup or otherwise recreate it. Please also check your system logs for evidence of file system errors.

37.644XDMP-MISSINGIMPORTATTR

Message Text
No xs:import for namespace: variable1 on attribute 'variable2'

37.645XDMP-MISSINGIMPORTELT

Message Text
No xs:import for namespace: variable1 on element 'variable2'

37.646XDMP-MISSINGSTAND

Message Text
Missing stand in forest variable1: variable2

37.647XDMP-MISSINGSTANDS

Message Text
Missing stands in forest variable1: variable2
37.648XDMP-MIXED

**Message Text**
Mixed variable1

37.649XDMP-MIXEDPATH

W3C XQuery Standard Equivalent: err:XPTY0018

**Message Text**
Path expressions cannot return a mix of nodes and atomic values

37.650XDMP-MODNOTFOUND

W3C XQuery Standard Equivalent: err:XQST0059

**Message Text**
Module variable1 not found

**Cause**
The module document being requested does not exist or the user does not have execute permissions on the module.

**Response**
Make sure the module exists and grants execute permissions if it is stored in a database.

37.651XDMP-MODNOTTEXT

**Message Text**
Module variable1 is not a text document

37.652XDMP-MORETHANONEITEM

**Message Text**
fn:zero-or-one called with a sequence containing more than one item

37.653XDMP-MULTIDBSTMT

**Message Text**
Cannot process different-database requests with same-statement isolation
37.654XDMP-MULTIMATCH

Message Text
Multiple matches for variable1 at variable2 and variable3

37.655XDMP-MULTIPART-BOUNDARY

Message Text
Ending of the boundary is incorrect

Cause
Occurs when a part is not correctly ended.

Response
Fix the application.

37.656XDMP-MULTIPART-DONE

Message Text
All parts are already processed

Cause
Occurs when trying to stream the next part body after all parts are processed.

Response
Fix the code.

37.657XDMP-MULTIPART-MODE

Message Text
The current HTTP request is in multipart mode

Cause
Occurs when an API that is only supposed to work for an HTTP request in non-multipart mode is called for multipart mode.

Response
Fix the code.
37.658XDMP-MULTIPART-READ-BODY-FIRST

**Message Text**
Body of the current part is not read yet

**Cause**
Occurs if try to read the headers of the next part when the body of the current part is not read yet.

**Response**
Fix the code.

37.659XDMP-MULTIPART-READ-HEADERS-FIRST

**Message Text**
Headers of the current part is not read yet

**Cause**
Occurs if try to read the body of the current part when the headers are not read yet.

**Response**
Fix the code.

37.660XDMP-MULTIPARTCOUNT

**Message Text**
Invalid multipart encoding, mismatched counts: variable2 parts, but variable1 nodes

37.661XDMP-MULTIROOT

**Message Text**
Document nodes cannot have multiple roots

37.662XDMP-MULTISTMTVALUE

**Message Text**
Cannot evaluate multiple statements
37.663XDMP-MUSTHAVEUPDATE

**Message Text**
Document must have at least one update permission. Assigned permissions: *variable1*

**Cause**
When creating a document as a user without the admin role, the document must include at least one update permission. You can specify permissions explicitly in your update built-in call (for example, `xdmp:document-insert`), or with the set of default permissions for the user performing the update operation.

**Response**
When loading a document, ensure the named role has update permissions. Documents created by non-admin users must be created with at least one update permission. If the document has no permissions, then only users with the admin role will be able to update or delete the document.

You can create the permissions in several ways, including:

- Passing them as option parameters to functions such as `xdmp:document-load` and `xdmp:document-insert`.
- Setting default permissions on a user or role.
- Using the permissions APIs, such as `xdmp:document-add-permissions` or `xdmp:document-set-permissions`.

For more information, see the *Understanding and Using Security Guide* or the *Application Developer's Guide*.

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37.664XDMP-MUSTUNDERSTAND

**Message Text**
Do not understand element marked mustUnderstand

---

37.665XDMP-NANEXPR

W3C XQuery Standard Equivalent: `err:FOAR0002`

**Message Text**
Expression contains a NaN (not-a-number)
37.666 XDMP-NCNAME

Message Text
Invalid NCName "variable1"

37.667 XDMP-NESTEDMULTI

Message Text
Cannot create a nested multi-statement transaction inside a multi-statement transaction.

Cause
An eval or invoke with transaction-mode update was attempted in a multi-statement transaction.

Response
Use transaction-mode update-auto-commit instead.

37.668 XDMP-NEWSTAMP

Message Text
Timestamp too new for forest variable1 (variable2)

Cause
When a transaction commits, it advances the commit timestamp. After the transaction commits
and advances the commit timestamp, however, any queries running at the advanced commit
timestamp wait for all transactions with earlier timestamps to commit, during which time they
will get this exception.

Response
XDMP-NEWSTAMP is a retryable exception, so retrying the query is appropriate after this exception.
You can retry after the App Server request timeout is reached (the default is 30 seconds) until the
Group retry timeout is reached (the default is 180 seconds). If you have an XCC application that
uses DocInsertStream, you should automatically handle and retry the insert; that is, if you get a
retryable exception when using DocInsertStream, you should try the operation again, not treat the
exception as an error.

37.669 XDMP-NOAGGREGATE

Message Text
The aggregate does not exist: variable1:variable2, host: variable3
**Cause**
The specified aggregate function cannot be found.

**Response**
Use an aggregate function that exists.

**37.670XDMP-NOARCHIVEDJOURNALS**

**Message Text**
Canceled restore. Forest *variable1* did not have archived journals.

**Cause**
Error occurs when restoring to a point in time from a full database backup with journal archiving. At least one forest does not have archived journals in its Journals directory.

**Response**
When restoring to a point in time from a full database backup with journal archiving: 1) All forests must have been backed up with journal archiving enabled. 2) The Journals directory must contain archived journals.

**37.671XDMP-NOARCINTERSECT**

**Message Text**
The two arcs do not intersect

**37.672XDMP-NOBASEURI**
W3C XQuery Standard Equivalent: err:FONS0005

**Message Text**
Base uri undefined in the static context

**37.673XDMP-NOBEARING**

**Message Text**
Cannot compute bearing from point to itself
37.674XDMP-NOBOOTSTRAPHOST

**Message Text**
No bootstrap host in cluster *variable1*

**Cause**
There is no bootstrap host in this cluster.

**Response**
Add a bootstrap host to this cluster.

37.675XDMP-NOCLUSTER

**Message Text**
No cluster with identifier *variable1*

37.676XDMP-NOCONTEXTDOC

**Message Text**
No context document

37.677XDMP-NOCRED

**Message Text**
Credential does not exist: *variable1*

37.678XDMP-NODB

**Message Text**
No database with identifier *variable1*

37.679XDMP-NODBREPFORESTMAP

**Message Text**
Database does not have a foreign forest map: *variable1*

**Cause**
This occurs during database replication and is normally transient
Response
Normally resolves on its own

37.680XDMP-NODEFOL

Message Text
`variable1` nodes cannot be followed by `variable2` nodes

37.681XDMP-NODEKIND

Message Text
Invalid node kind `variable1`, expected `variable2`

37.682XDMP-NODEMATCHESEXPR

Message Text
Invalid match pattern passed to `xdmp:node-matches`: `variable1`

37.683XDMP-NODEPREC

Message Text
`variable1` nodes cannot be preceded by `variable2` nodes

37.684XDMP-NODEREPE

Message Text
`variable1` nodes cannot be replaced with `variable2` nodes

37.685XDMP-NODICTIO

Message Text
The stemming dictionary could not be loaded: `variable1` dictionary at `variable2` not loaded

Cause
The specified stemming dictionary cannot found or there was some problem with it.

Response
Check your language configuration.
37.686XDMP-NODIR

Message Text
No such directory: variable1

Cause
Directory does not exist.

Response
Check directory and try again.

37.687XDMP-NODOCROOT

W3C XQuery Standard Equivalent: err:FODC0001

Message Text
The node is in a tree whose root is not a document node

Cause
The node is in a tree whose root is not a document node.

Response
Make sure node is in a tree whose root is a document node.

37.688XDMP-NODOMESTICFOREST

Message Text
No domestic forest: variable1

Cause
This occurs during database replication, either as a transient problem or due to incomplete matching of foreign forests to domestic forests

Response
Configure database replication to match all database forests

37.689XDMP-NOELEMNODE

Message Text
No element node: variable1
37.690XDMP-NOEMPTYPARTITIONFORUPDATE

**Message Text**
No forests with empty partition number allow updates

37.691XDMP-NOENDDOCUMENT

**Message Text**
There is still a started document.

37.692XDMP-NOENDELEMENT

**Message Text**
There is still a started element.

37.693XDMP-NOEXECUTE

**Message Text**
Document is not of executable mimetype. URI: \texttt{variable1}

37.694XDMP-NOFIELD

**Message Text**
Field not defined: \texttt{variable1}

**Cause**
You ran a field query with an undefined field.

**Response**
Try the query again after defining the field and appropriate indexes.

37.695XDMP-NOForest

**Message Text**
No forest with identifier \texttt{variable1}
37.696XDMP-NOFORESTS

**Message Text**
Database `variable1` contains no forests

**Cause**
You tried to upload to a database that is not attached to a forest.

**Response**
Add at least one forest to the database and try again.

37.697XDMP-NOFORWARDTICKET

**Message Text**
No forwardable kerberos ticket

37.698XDMP-NOGROUP

**Message Text**
No group with identifier `variable1`

37.699XDMP-NOGROUPCONFIG

**Message Text**
No group configuration

37.700XDMP-NOHOST

**Message Text**
No host with identifier `variable1`

37.701XDMP-NOJOB

**Message Text**
No job with identifier `variable1`
37.702XDMP-NOJOURNAL

Message Text
No journal for recovery token variable1

Cause
MarkLogic Server cannot find the journal files for a forest.

This could be caused by a bad disk drive, by two hosts attempting to mount the same forest, or by other disk-related corruption.

Response
The following procedures may resolve the problem. If you have a current maintenance contract with MarkLogic, you can contact MarkLogic Technical Support for assistance.

- Restore from backup.
- Shut down MarkLogic Server, delete the journals, delete the label file in the forest directory (not in the stand directories), and restart MarkLogic Server.

37.703XDMP-NOLABELCLASS

Message Text
Invalid classification label value: missing class name

37.704XDMP-NOLEXER

Message Text
The lexer does not exist: variable1:variable2, host: variable3

Cause
The specified lexer function cannot be found.

Response
Use a lexer function that exists.

37.705XDMP-NOLIBRARY

Message Text
The shared library cannot be loaded: variable1, host: variable2
**Cause**
The specified shared library cannot be loaded.

**Response**
Check spelling. Read the extended error message for further details of the error.

37.706XDMP-NOLOCK

**Message Text**
Lock on this document or directory no longer exists

37.707XDMP-NOMATCH

**Message Text**
No matches for variable1 in variable2

37.708XDMP-NOMERGE

**Message Text**
No merge with identifier variable1

37.709XDMP-NOMODULES
W3C XQuery Standard Equivalent: err:XQST0016

**Message Text**
The modules feature has been disabled

37.710XDMP-NONAMESPACEBIND
W3C XQuery Standard Equivalent: err:FONS0004

**Message Text**
No namespace binding for prefix

37.711XDMP-NONMIXEDCOMPLEXCONT

**Message Text**
Node has complex type with non-mixed complex content
**Cause**
An attempt was made to atomize an XML element node that cannot be atomized. The in-scope XML schema specifies that the element node has non-mixed complex content. Some code is attempting to convert the node to an atomic value. Element nodes with non-mixed complex content cannot be converted to atomic values.

**Response**
If the schema is correct, fix the code so it does not attempt to atomize the element node. The code should not explicitly atomize the node by calling `fn:data` on it. The code should not implicitly atomize the node by passing it as a parameter to a function expecting an atomic value. If the code is correct, fix the schema so that the complex type for the element node is mixed.

### 37.712 XDMP-NONODES

**Message Text**
Insufficient number of nodes

### 37.713 XDMP-NONTRAILINGWILDCARD

**Message Text**
Wildcards can only be at the end of the node name

### 37.714 XDMP-NONVAR

**Message Text**
Not a variable

### 37.715 XDMP-NOPARAM

**Message Text**
Bad parameter position, function has variable1 parameters, but got variable2

**Cause**
The parameter position provided was too high or too low for the function.

**Response**
Correct the position.
37.716XDMP-NOPARENTNODE

Message Text
No parent node

37.717XDMP-NOPARTITIONFORUPDATE

Message Text
No forests with partition number variable1 allow updates

37.718XDMP-NOPARTITIONKEY

Message Text
Database variable1 has no range assignment policy partition key

37.719XDMP-NOPROGRAM

Message Text
Server unable to build program from request

Cause
The requested XQuery document does not exist or the user does not have execute permissions on the module.

Response
Make sure the module exists. If the module is stored in a modules database, make sure the module execute permissions.

37.720XDMP-NOPROHIBIT

W3C XQuery Standard Equivalent: err:XQST0128

Message Text
The specified feature cannot be disabled: variable1

37.721XDMP-NOQRY

Message Text
No valid query could be created for ‘variable1’
**Cause**
The key was bound to an index, field, or callback, which could not produce a valid query in this context. Either the bindings have a problem, or the key is being misused.

**Response**
Fix the bindings or the query, as appropriate.

**37.722XDMP-NOQUORUM**

**Message Text**
No quorum: variable1

**Cause**
Unable to communicate with at least 50% of hosts in cluster

**37.723XDMP-NOREQUEST**

**Message Text**
No request with identifier variable1

**37.724XDMP-NOREQUIRE**
W3C XQuery Standard Equivalent: err:XQST0120

**Message Text**
The specified feature is not supported: variable1

**37.725XDMP-NOROOT**

**Message Text**
Database does not have root directory

**37.726XDMP-NOSCHEMAIMPORT**
W3C XQuery Standard Equivalent: err:XQST0009

**Message Text**
The schema import feature has been disabled

**37.727XDMP-NOSCHEMAVALIDATION**
W3C XQuery Standard Equivalent: err:XQST0075
**Message Text**
The schema validation feature has been disabled

**37.728XDMP-NOSEARCHTERM**

**Message Text**
No searchable term found in the search pattern: variable1

**37.729XDMP-NOSERVER**

**Message Text**
No server with identifier variable1

**37.730XDMP-NOSTEMMER**

**Message Text**
The stemmer does not exist: variable1:variable2, host: variable3

**Cause**
The specified stemmer function cannot be found.

**Response**
Use a stemmer function that exists.

**37.731XDMP-NOSUCHCLUSTER**

**Message Text**
No such cluster variable1

**Cause**
The cluster does not exist or the cluster is not coupled with the local cluster.

**Response**
Make sure the cluster id is correct and the cluster is coupled with the local cluster.

**37.732XDMP-NOSUCHCONFIGURATION**

**Message Text**
No such configuration variable1
37.733XDMP-NOSUCHDB

**Message Text**
No such database `variable1`

**Cause**
The database you are trying to operate on does not exist (or you misspelled the name of an existing database).

**Response**
Either create a new database with this name and try again, or use a different, existing, database.

37.734XDMP-NOSUCHDICT

**Message Text**
No such dictionary `variable1`

37.735XDMP-NOSUCHFOREST

**Message Text**
No such forest `variable1`

**Cause**
Called `xdmp:forest` with an invalid forest name argument.

**Response**
Check the spelling of the forest name passed to `xdmp:forest`. Check that the forest has been created.

37.736XDMP-NOSUCHGROUP

**Message Text**
No such group `variable1`

**Cause**
Called `xdmp:group` with an invalid group name.

**Response**
Check spelling and existence of group name passed to `xdmp:group`. 
37.737XDMP-NOSUCHHOST

**Message Text**
No such host variable1

**Cause**
Called \texttt{xdmp:host} with an invalid host name.

**Response**
Check the spelling of the host name. Check that you defined the host.

37.738XDMP-NOSUCHSERVER

**Message Text**
No such server variable1

**Cause**
Called \texttt{xdmp:server} with an invalid server name.

**Response**
Check the spelling of the server name passed to \texttt{xdmp:server}. Check that the server was created.

37.739XDMP-NOT-MULTIPART-MODE

**Message Text**
The current HTTP request is not in multipart mode

**Cause**
Occurs when an API that is only supposed to work for an HTTP request in multipart mode is called for none-multipart mode.

**Response**
Fix the code.

37.740XDMP-NOTANODE

W3C XQuery Standard Equivalent: err:XPTY0019

**Message Text**
\texttt{variable1} is not a node
Cause
You are trying to use data that is not a node when a node is required.

Response
Rewrite your query so it submits a node.

37.741XDMP-NOTASKSERVER

Message Text
This host's group does not contain a configured Task Server

Cause
The task server does not exist or is improperly configured for this group.

Response
Use the Admin Interface to check the task server configuration for this group.

37.742XDMP-NOTATOMIC

W3C XQuery Standard Equivalent: err:XPST0051

Message Text
Invalid cast to non-atomic type variable1

37.743XDMP-NOTCURRENT

Message Text
Transaction with Xid variable1 is not the current transaction

37.744XDMP-NOTFILE

Message Text
The path passed to xdmp:logfile-scan() is not a file.: variable1

37.745XDMP-NOTFOUNDCHARCLASS

Message Text
Character class not found: no character class for 'variable1'
37.746XDMP-NOTFUNC
W3C XQuery Standard Equivalent: err:XPTY0004

Message Text
Not a singleton function value

Cause
A dynamic function call can only be made against a sequence consisting of a single function item.

Response
Use the head function to choose the first function in the sequence, or iterate over all the functions using for or !.

37.747XDMP-NOTIDY

Message Text
No tidy in this MarkLogic Server instance

37.748XDMP-NOTLOCKED

Message Text
Document not locked

37.749XDMP-NOTMPENVVAR

Message Text
No TEMP or TMP environment variable

37.750XDMP-NOTONEITEM
W3C XQuery Standard Equivalent: err:FORG0005

Message Text
fn:exactly-one called with a sequence containing zero or more than one item

37.751XDMP-NOTPLUGIN

Message Text
The shared library does not contain a "marklogicPlugin" function: variable1, host: variable2
**Cause**
The "marklogicPlugin" registration function cannot be found in the shared library.

**Response**
Implement the registration function in shared libraries designed to be used as MarkLogic native plugins.

37.752XDMP-NOTPREPARED

**Message Text**
Transaction with identifier variable1 is not a prepared XA transaction

37.753XDMP-NOTQUERY

**Message Text**
Element variable1 is not a query (expecting a cts:query)

37.754XDMP-NOTRANGEPOLICY

**Message Text**
This API works only with the range assignment policy.

37.755XDMP-NOTTRANS

**Message Text**
No transaction

37.756XDMP-NOTREMEMBERED

**Message Text**
Transaction with identifier variable1 is not a remembered completed XA transaction

37.757XDMP-NOTSIMPLE

**Message Text**
Node does not have simple content: variable1
37.758 XDMP-NOT_SUPPORTED_KMS

**Message Text**
`variable1` not supported for `variable2`

37.759 XDMP-NOT_XN

**Message Text**
No transaction with identifier `variable1`

**Cause**
No transaction with the given ID exists on this host.

**Response**
You may be connecting to a different host than the one where the transaction was created, as transactions are host specific. It may be that the transaction has already been committed or rolled back.

37.760 XDMP-NO_USER

**Message Text**
A user must be authenticated to perform this task

37.761 XDMP-NO_ZIP

**Message Text**
No zip support in this MarkLogic Server instance

37.762 XDMP-NS_LITERAL

**W3C XQuery Standard Equivalent:** `err:XPST0022`

**Message Text**
Namespace declaration attribute `variable1` must be a URI Literal

**Cause**
A namespace declaration attribute (for example, xmlns) must have a value that is a URI Literal value.
**Response**
If you want to compute the URI Literal value, use a computed element constructor or the `xdmp:with-namespaces` function to compute the value.

37.763 XDMP-NSSENSITIVE
W3C XQuery Standard Equivalent: err:XPTY0117

**Message Text**
Namespace sensitive cast: `variable1` cast as `variable2`

**Cause**
An expression or declaration attempted to cast a node to a namespace sensitive type like `xs:QName` and types derived from `xs:NOTATION`.

**Response**
Use `fn:data()` or `fn:resolve-QName()` instead.

37.764 XDMP-OBJCONSTRUCTCHILDSEQ

**Message Text**
Object nodes cannot have sequence children: `variable1`

37.765 XDMP-OFFLINE

**Message Text**
Forest `variable1` is offline

37.766 XDMP-OLDCONFIG

**Message Text**
Config files are old, `variable1` has newer config files

37.767 XDMP-OLDJOURNAL

**Message Text**
Backup data directory contains an incompatible journal: `variable1`
37.768XDMP-OLDJOURNALARCHIVE

**Message Text**
The journal archive is too old to be updated from the active journals: variable1

**Cause**
There are 2 active journal files. When one fills up, it begins to overwrite the other. When a system fails, the archived journal may not be caught up with the active journal. When resuming journal archiving, the archived journals at startup rely on streaming frames from the active journal to get caught up with any that it missed. When the active journal overwrites itself, it may overwrite frames that the archived journal needs. If this is the case, it is not possible for the archived journal to get caught up with the active journal, and journal archiving must stop.

**Response**
You must do a new full backup with journal archiving. This error message is deprecated since the active journal now waits to roll over if it is going to overwrite frames needed by the archived journal. However, this message is still included for completeness.

37.769XDMP-OLDKMS

**Message Text**
variable1 has a more recent version of the embedded KMS

**Response**
Retry the operation after the embedded KMS has completed synchronizing. If hosts are unavailable wait for all to be online before retrying.

37.770XDMP-OLDSTAMP

**Message Text**
Timestamp too old for forest variable1 (variable2)

**Cause**
A timestamp less than the oldest timestamp preserved in the database was specified for a point-in-time query or rollback.

Note: If the merge timestamp is set to the default of 0 and the database has completed all merges since the last update or delete, then query statements that specify any timestamp older than the current system timestamp will throw the XDMP-OLDSTAMP exception. The error occurs because a merge timestamp value of 0 specifies that no obsolete fragments are to be retained.
Response
Modify the query or rollback operation timestamp. For example, change the timestamp parameter passed to `xdmp:eval`, `xdmp:invoke`, or `xdmp:spawn`.

37.771 XDMP-ONEBINARYNODE

Message Text
Documents can only have one binary node

Cause
The document already contains a binary node

Response
Check why a second binary node is being added into the document or use the existing binary node.

37.772 XDMP-OPNURL

Message Text
Open URL error: `variable1: variable2`

37.773 XDMP-OPSDIR-INTERR

Message Text
An internal error was encountered communicating with Ops Director: `variable1`

37.774 XDMP-OPSDIR-INTERR2

Message Text
An internal error was encountered communicating with Ops Director: `variable1 variable2 variable3 variable4 variable5`

37.775 XDMP-OPSDIR-INVENDP

Message Text
No valid endpoint was found to connect to Ops Director: `variable1`
37.776XDMP-OPSDIR-INVMSG

Message Text
Not a valid JSON structure in: variable1

37.777XDMP-OPSDIR-INVREQ

Message Text
An invalid request error was returned as a response to communicating with Ops Director: method variable1, variable2

37.778XDMP-OPSDIR-INVRESP

Message Text
The response received from Ops Director is invalid: variable1

37.779XDMP-OPSDIR-RETRY

Message Text
The maximum number of retries exceeded while connecting to Ops Director: variable1

37.780XDMP-OPSDIR-SEC

Message Text
An attempt to connect to Ops Director using https requires SSL: variable1, $2

37.781XDMP-OPTATTNOTNAME

Message Text
Tidy option nodes can only have name attributes: variable1

37.782XDMP-OPTION

Message Text
Invalid option variable1
37.783XDMP-OPTNOSPACES

**Message Text**
This option value cannot contain spaces: option 'variable1' cannot have spaces in 'variable2'.

37.784XDMP-OPTPRFX

W3C XQuery Standard Equivalent: err:XPST0081

**Message Text**
Prefix required on option name

37.785XDMP-ORDERBYVAL

**Message Text**
Invalid 'order by' value variable1

37.786XDMP-ORDERCLAUSEELEM

**Message Text**
Ordering clause element contains unknown child: variable1

37.787XDMP-ORDERCLAUSENODE

**Message Text**
Ordering clause node variable1 contains unknown child

37.788XDMP-ORDERCLAUSETEXT

**Message Text**
Ordering clause element variable1 contains misplaced text

37.789XDMP-ORDERSPECELEM

**Message Text**
Order specification element contains unknown child: variable1
37.790XDMP-ORDERSPECNODE

**Message Text**
Order specification node *variable1* contains unknown child

37.791XDMP-ORDERSPECTEXT

**Message Text**
Order specification element *variable1* contains misplaced text

37.792XDMP-OUTOFORDER

**Message Text**
write *variable1*:Out of order, *variable2*

37.793XDMP-OUTPUTOPTVAL

**Message Text**
Invalid xdmp:output option parameter

37.794XDMP-OWNTXN

**Message Text**
Operation not allowed on the currently executing transaction with identifier *variable1*

37.795XDMP-PARENTDIR

**Message Text**
Parent directory *variable1* is missing for creation of child

37.796XDMP-PARENTLINK

**Message Text**
Invalid parent link node doc("variable1")//variable2

**Cause**
A parent fragment in a fragmented document is missing.
**Response**
The document must be reloaded.

**37.797 XDMP-PARSE**
W3C XQuery Standard Equivalent: err:XPST0003

**Message Text**
Parse error

**37.798 XDMP-PARSEBACKUP**
W3C XQuery Standard Equivalent: err:XPST0003

**Message Text**
Syntax error: cannot back up

**37.799 XDMP-PARTICIPANTNOLOCK**

**Message Text**
Some write locks are not held for session *variable1*

**Cause**
Participant of the distributed transaction does not have the lock for a fragment that is being updated in the transaction.

**Response**
This is an unexpected error that is likely the side effect of other system stability issues occurring on your system. Check for network connectivity or host stability issues across all nodes in your cluster.

**37.800 XDMP-PASSPHRASE**

**Message Text**
Incorrect passphrase

**37.801 XDMP-PATHGIDXAMBIGUOUS**

**Message Text**
Ambiguous geospatial *variable1* path index for *variable2* *variable3*
**Cause**
The options provided are not sufficient to uniquely identify a path geospatial point index.

**Response**
Specify type, coordinate-system, and/or precision options to uniquely identify a path geospatial point index.

37.802XDMP-PATHGIDXNOTCOLL

**Message Text**
Collations are irrelevant to the geospatial variable1 path index for variable2 variable3

**Cause**
The options to the query include a collation, but the geospatial point index is not a string data-type.

**Response**
Do not specify a collation in the query's options.

37.803XDMP-PATHGIDXNOTFOUND

**Message Text**
No geospatial variable1 path index for variable2 variable3 variable4

**Cause**
The query requires a geospatial point index that does not exist.

**Response**
Make sure the geospatial point index exists and that it uses the coordinate system specified in the query. If the geospatial point index was added recently, make sure reindexing is enabled and has completed.

37.804XDMP-PATHGIDXNOTPOSN

**Message Text**
Positions are not enabled on the geospatial variable1 path index for variable2 variable3
**Cause**
User has specified "ordered" or "proximity" options on a query or lexicon function when positions are not enabled on the geospatial point index.

**Response**
Either enable positions on the geospatial point index or do not specify "ordered" or "proximity" options.

37.805XDMP-PATHLXCNNOTFOUND

**Message Text**
No path word lexicon for variable1 variable2

**Cause**
The query requires a lexicon that does not exist.

**Response**
Make sure the lexicon exists. If the lexicon was added recently, make sure reindexing is enabled and has completed.

37.806XDMP-PATHNSATTR

**Message Text**
Attributes not allowed on element variable1

37.807XDMP-PATHNSATTRVAL

**Message Text**
Path-namespaces attribute contains an invalid value: variable1

37.808XDMP-PATHNSEELEM

**Message Text**
Path-namespaces element contains unknown child: variable1

37.809XDMP-PATHNSNODE

**Message Text**
Path-namespaces element variable1 contains unknown child
37.810XDMP-PATHNSTEMPTEXT

**Message Text**
Path-namespaces element *variable1* contains misplaced text

37.811XDMP-PATHNSVAL

**Message Text**
Path-namespaces element contains an invalid value: *variable1*

37.812XDMP-PATHRIDXAMBIGUOUS

**Message Text**
Ambiguous *variable1* path range index for *variable2 variable3*

**Cause**
The options provided are not sufficient to uniquely identify a path range index.

**Response**
Specify type, collation, coordinate-system, and/or precision options to uniquely identify a path range index.

37.813XDMP-PATHRIDXNOTCOLL

**Message Text**
Collations are irrelevant to the *variable1* path range index for *variable2 variable3*

**Cause**
The options to the query include a collation, but the range index is not a string data-type.

**Response**
Do not specify a collation in the query's options.

37.814XDMP-PATHRIDXNOTCOORD

**Message Text**
Coordinate systems are irrelevant to the *variable1* path range index for *variable2 variable3*
**Cause**  
The options to the query include a coordinate system, but the range index is not a geospatial data type.

**Response**  
Do not specify a coordinate system in the query's options.

**37.815XDMP-PATHRIDXNOTFOUND**

**Message Text**  
No variable1 path range index for variable2 variable3 variable4

**Cause**  
The query requires a range index that does not exist.

**Response**  
Make sure the range index exists. If the range index is of type string, make sure it uses the collation specified in the query. If the range index is a geospatial index, make sure it uses the coordinate system specified in the query. If the range index was added recently, make sure reindexing is enabled and has completed.

**37.816XDMP-PATHRIDXNOTPOSN**

**Message Text**  
Positions are not enabled on the variable1 path range index for variable2 variable3

**Cause**  
User has specified "ordered" or "proximity" options on a query or lexicon function when positions are not enabled on the range index.

**Response**  
Either enable positions on the range index or do not specify "ordered" or "proximity" options.

**37.817XDMP-PATTERNVALUEMISMATCH**

**Message Text**  
Given value doesn't match with the specified pattern for parsing dateTime string.
37.818 XDMP-PICHARS
W3C XQuery Standard Equivalent: err:XQDY0026

Message Text
XML processing instructions cannot contain "?>".

37.819 XDMP-PICTUREAPPLY

Message Text
Illegal character in the picture format.

37.820 XDMP-PLACEKEYSLOCKING

Message Text
Fast locking cannot be used with place keys.

37.821 XDMP-POS

Message Text
Invalid position.

37.822 XDMP-PRERELEXP

Message Text
This pre-release version of MarkLogic Server has expired.

37.823 XDMP-PREVDL

Message Text
prevent-deadlocks option not allowed in this function.

37.824 XDMP-PREVENTDEADLOCKS

Message Text
Processing an update from an update with different-transaction isolation could deadlock.
37.825XDMP-PRGPREFIX

**Message Text**
Prefix required on pragma name

37.826XDMP-PROLOGORDER

**W3C XQuery Standard Equivalent: err:XPST0003**

**Message Text**
Prolog options in the wrong order

37.827XDMP-PROPSNODE

**Message Text**
Top-level property element cannot be deleted or replaced

37.828XDMP-PROTECTEDQUERY

**Message Text**
Protected query element not indexed

**Cause**
Protected query element not indexed

**Response**
Check element level protection on the query and try again.

37.829XDMP-PROTECTEDTRIPLE

**Message Text**
Protected triple element not indexed

**Cause**
Protected triple element not indexed

**Response**
Check element level protection on the triple and try again.
37.830 XDMP-QNAME

Message Text
Invalid QName "variable1"

37.831 XDMP-QNAMEKEYFORM

Message Text
Invalid lexical form for QName key

37.832 XDMP-QNAMELEXFORM

Message Text
Invalid lexical form for QName

37.833 XDMP-QNAMELIT

W3C XQuery Standard Equivalent: err:XPTY0004

Message Text
A non-QName value must be a string literal to be cast to a QName

37.834 XDMP-QNMURI

Message Text
QName URI is not empty variable1

37.835 XDMP-QRYTOODEEP

Message Text
Query has too many nesting levels

37.836 XDMP-QRYUTF8SEQ

W3C XQuery Standard Equivalent: err:XPST0003

Message Text
Invalid UTF-8 escape sequence -- query is not UTF-8 encoded variable1

Cause
A bad UTF-8 byte code sequence was found in the XQuery.
**Response**
Encode your query in UTF-8 correctly.

**37.837XDMP-QRYXMLCHAR**

**Message Text**
Invalid XML character -- query contains non-XML character

**37.838XDMP-QUERYATTR**

**Message Text**
Attributes not allowed on element variable1

**37.839XDMP-QUERYATTRVAL**

**Message Text**
Query attribute contains an invalid value: variable1

**37.840XDMP-QUERYELEM**

**Message Text**
Query element contains unknown child: variable1

**37.841XDMP-QUERYINDEX**

**Message Text**
Error querying for index differences variable1: exception_stack

**37.842XDMP-QUERYNOCOORD**

**Message Text**
Query requires a coordinate system: variable1

**37.843XDMP-QUERYNODE**

**Message Text**
Query element variable1 contains unknown child
37.844 XDMP-QUERYNOGEOOP

**Message Text**
Query requires a geospatial operation: variable1

37.845 XDMP-QUERYNOVALS

**Message Text**
The range query must have one or more cts:values: variable1

37.846 XDMP-QUERYTEXT

**Message Text**
Query element variable1 contains misplaced text

37.847 XDMP-QUERYVAL

**Message Text**
Query element contains an invalid value: variable1

37.848 XDMP-RANGEINDEX

**Message Text**
Range index error: variable1 variable2: exception_stack

**Cause**
User inserted a document where certain data doesn't match the data-type of the corresponding range index. Also user didn't set the invalid-values option in the range index configuration.

**Response**
Either change the data-type of the index or data. If both of those cannot be changed and you still want to insert the data, set the invalid-values option in the index configuration.

37.849 XDMP-RANGEINDEXELEM

**Message Text**
Range index element contains unknown child: variable1
37.850XDMP-RANGEINDEXNAN

**Message Text**
Range indexes cannot store NaNs

37.851XDMP-RANGEINDEXNODE

**Message Text**
Range index element `variable1` contains unknown child

37.852XDMP-RANGEINDEXTEXT

**Message Text**
Range index element `variable1` contains misplaced text

37.853XDMP-RANGEINDEXTYP

**Message Text**
Unsupported range index type: `variable1`

37.854XDMP-RANGEINDEXVAL

**Message Text**
Range index element contains an invalid value: `variable1`

37.855XDMP-RANGEPARTIALOVERLAP

**Message Text**
Ranges partially overlap: `variable1` and `variable2`

**Cause**
The two ranges partially overlap.

**Response**
Check your configuration.
37.856XDMP-RDFCOMPARE

**Message Text**
Bad RDF Value comparison

37.857XDMP-READ

**Message Text**
varible1:Invalid read, variable2

**Cause**
An inconsistency was detected while reading a memory-mapped index file. Details about the inconsistency are included in the error report. A memory-mapped index file may be corrupt.

**Response**
Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear an inconsistency in memory. Merging on the affected forest may clear an inconsistency on disk. Reindexing the affected forest may clear an inconsistency on disk.

37.858XDMP-READCONFIG

**Message Text**
Error reading configuration file: variable1

37.859XDMP-READFILE

**Message Text**
ReadFile variable1: variable2

**Cause**
The server encountered a problem that prevented reading a file.

**Response**
Resolve the problem with the file. If the file is not in UTF-8 and you are using xdmp:filesystem-file, try xdmp:document-get, which has options for converting from other character encodings.
37.860 XDMP-READONLY

**Message Text**
Forest *variable1* can only perform reads

37.861 XDMP-READONLY-COMMIT

**Message Text**
Forest %1 is read-only or flash-backup when %2 committing transaction %3

37.862 XDMP-READONLYLABEL

**Message Text**
Forest label is read only: *variable1*

37.863 XDMP-REBALANCE

**Message Text**
Error rebalancing *variable1: exception_stack*

37.864 XDMP-RECENTHANG

**Message Text**
Host hung recently

**Cause**
The host was probably hung recently.

**Response**
The system will get back to normal shortly.

37.865 XDMP-RECOVERY

**Message Text**
Recovery error on forest *variable1* after *variable2* redo records -- *variable3 exception_stack*
37.866 XDMP-REDATTRDECL

**Message Text**
Redefined element declaration: *variable1*

37.867 XDMP-REDATTRGROUP

**Message Text**
Redefined attribute group: *variable1*

37.868 XDMP-REDBUILTIN

W3C XQuery Standard Equivalent: err:XQST0045

**Message Text**
Redefined builtin *variable1*

37.869 XDMP-REDCOMPLEXTYPE

**Message Text**
Redefined complex type: *variable1*

37.870 XDMP-REDCONSTR

W3C XQuery Standard Equivalent: err:XQST0045

**Message Text**
Redefined constructor *variable1*

37.871 XDMP-REDDEFELMNS

W3C XQuery Standard Equivalent: err:XQST0066

**Message Text**
Redefined default element namespace

37.872 XDMP-REDDEFFUNNS

W3C XQuery Standard Equivalent: err:XQST0066

**Message Text**
Redefined default function namespace
37.873XDMP-REDELEMDECL

**Message Text**
Redefined element declaration: variable1

37.874XDMP-REDFUN

W3C XQuery Standard Equivalent: err:XQST0034

**Message Text**
Redefined function variable1

37.875XDMP-REDGROUP

**Message Text**
Redefined named model group: variable1

37.876XDMP-REDMOD

W3C XQuery Standard Equivalent: err:XQST0047

**Message Text**
Redefined module variable1

37.877XDMP-REDPRFX

W3C XQuery Standard Equivalent: err:XQST0033

**Message Text**
Redefined prefix variable1

37.878XDMP-REDRESPRFX

W3C XQuery Standard Equivalent: err:XQST0070

**Message Text**
Redefined reserved prefix variable1

37.879XDMP-REDRESURI

W3C XQuery Standard Equivalent: err:XQST0070

**Message Text**
Redefined reserved URI variable1
37.880XDMP-REDSCHM
W3C XQuery Standard Equivalent: err:XQST0058

Message Text
Redefined schema variable1

37.881XDMP-REDSIMPLETYPE

Message Text
Redefined simple type: variable1

37.882XDMP-REDVAR
W3C XQuery Standard Equivalent: err:XQST0039
W3C XSLT Standard Equivalent: err:XTSE0670

Message Text
Redefined variable variable1

37.883XDMP-REDVAR2
W3C XQuery Standard Equivalent: err:XQST0039
W3C XSLT Standard Equivalent: err:XTSE0580

Message Text
Redefined variable variable1

37.884XDMP-REDVAR3
W3C XQuery Standard Equivalent: err:XQST0039
W3C XSLT Standard Equivalent: err:XTSE0630

Message Text
Redefined variable variable1

37.885XDMP-REFANDNAMEATTR

Message Text
Cannot have both @ref and @name on xs:attribute
37.886 XDMP-REFANDNAMEELT

**Message Text**
Cannot have both @ref and @name on xs:element

37.887 XDMP-REFERENCE-NOCOL

**Message Text**
Collation is not specified for the cts reference.

**Cause**
No "collation" option is passed into the cts reference call.

**Response**
Correct the code.

37.888 XDMP-REFERENCE-NOCOORD

**Message Text**
Coordinate system is not specified for the cts reference.

**Cause**
No "coordinate-system" option is passed into the cts reference call.

**Response**
Correct the code.

37.889 XDMP-REFERENCE-NOPATHEXPR

**Message Text**
Path expression is not specified for the cts path reference.

**Cause**
No path expression argument is passed into the cts path reference call.

**Response**
Correct the code.
37.890XDMP-REFERENCE-NOTYPE

Message Text
Scalar type is not specified for the cts reference.

Cause
No "type" option is passed into the cts reference call.

Response
Correct the code.

37.891XDMP-REFRAGMENT

Message Text
Error refragmenting variable1: exception_stack

37.892XDMP-REGEX

W3C XQuery Standard Equivalent: err:FORX0002

Message Text
Invalid regular expression

37.893XDMP-REGEXFLAGS

W3C XQuery Standard Equivalent: err:FORX0001

Message Text
Invalid regular expression flags

37.894XDMP-REGFLT

Message Text
Registered queries require the "unfiltered" option

37.895XDMP-REINDEX

Message Text
Error reindexing variable1: exception_stack
37.896 XDMP-RELPATH

Message Text
Relative pathname: variable1

37.897 XDMP-RELURIBASEARG

Message Text
Relative URI base argument to resolve-uri

37.898 XDMP-REMOTEHOST

Message Text
Host variable1(variable2) is remote to host variable3(variable4)

37.899 XDMP-REPLNOTALLOWED

Message Text
Replication is currently not allowed: variable1

37.900 XDMP-REPLUPDATESNOTALLOWED

Message Text
Replica forest variable1 does not allow updates

37.901 XDMP-REQTXN

Message Text
This request is already in a multi-statement transaction

37.902 XDMP-REQUESTBLACKOUT

Message Text
Requests are currently forbidden

37.903 XDMP-REQUESTLIMIT

Message Text
Concurrent request limit for user has been reached
37.904XDMP-REQUIREALL
W3C XQuery Standard Equivalent: err:XQST0126

Message Text
The all-extensions feature is not allowed in a require-feature option: variable1

37.905XDMP-REQUTF8SEQ

Message Text
Invalid UTF-8 escape sequence -- requests are not UTF-8 encoded

37.906XDMP-RESECUREDECRYPT

Message Text
Unable to decrypt credential during resecure

Cause
An encrypted secret could not be resecured because it failed to decrypt. This could be due to the passed string not actually being encrypted, or due to not having access to the key that was originally used for encryption.

Response
Make sure the text is actually encrypted. If this credential was originally encrypted on a different cluster, importing encryption keys from that cluster may allow decryption.

37.907XDMP-RESOLVEBADARG
W3C XQuery Standard Equivalent: err:FORG0002

Message Text
Invalid argument to fn:resolve-uri()

37.908XDMP-RESTORENOMASTER

Message Text
Unable to restore replica forest variable1 because the master forest variable2 is not also restored, or is not acting master.
37.909XDMP-RESULT

Message Text
result option not allowed in this function

37.910XDMP-RETHROW

Message Text
Nothing to rethrow

37.911XDMP-RETURNTYPE

Message Text
variable1 returned variable2 which is not of type variable3

37.912XDMP-REVIDXBADQRY

Message Text
Reverse index bad query: variable1

37.913XDMP-RIDXAMBIGUOUS

Message Text
Ambiguous variable1 range index for variable2 variable3

Cause
The options provided are not sufficient to uniquely identify a range index.

Response
Specify type, collation, coordinate-system, and/or precision options to uniquely identify a range index.

37.914XDMP-RIDXNOTCOLL

Message Text
Collations are irrelevant to the variable1 range index for variable2 variable3

Cause
The options to cts:reference include a collation, but the range index is not a string data-type.
Response
Do not specify a collation in the cts:reference's options.

37.915XDMP-RIDXNOTCOORD

Message Text
Coordinate systems are irrelevant to the variable1 range index for variable2 variable3

Cause
The options to cts:reference include a coordinate system, but the range index is not a geospatial data type.

Response
Do not specify a coordinate system in the cts:reference's options.

37.916XDMP-RIDXNOTFOUND

Message Text
No variable1 range index for variable2 variable3 variable4

Cause
The query requires a range index that does not exist.

Response
Make sure the range index exists. If the range index is of type string, make sure it uses the collation specified in the query. If the range index is a geospatial index, make sure it uses the coordinate system specified in the query. If the range index was added recently, make sure reindexing is enabled and has completed.

37.917XDMP-RIDXNOTPOSN

Message Text
Positions are not enabled on the variable1 range index for variable2 variable3

Cause
User has specified "ordered" or "proximity" options on cts:value-tuples when positions are not enabled on the range index.
Response
Either enable positions on the range index or do not specify "ordered" or "proximity" options on cts:value-tuples.

37.918XDMP-RIDXTOOBIG

Message Text
Too many entries in range index variable1

37.919XDMP-RMINVOP

Message Text
Recovery Manager invalid operation: variable1

37.920XDMP-RMRECORD

Message Text
Journal record too large: variable1

37.921XDMP-ROLLBACK

Message Text
Transaction rollback

37.922XDMP-ROLLBACKBADTIME

Message Text
Bad rollback time: rollback timestamp (variable1) must be between database merge timestamp (variable2) and current timestamp (variable3)

37.923XDMP-ROLLBACKNOMERGETIME

Message Text
Rollback requires database merge timestamp to be set

37.924XDMP-RSLVNOTHTTP

Message Text
It's not http compatible to resolve entities embedded in document
Cause
Document is inserted through XCC in HTTP compatible mode, while ResolveEntities is set to true

Response
Disable HTTP compatible mode in XCC or set ResolveEntities to false

37.925XDMP-RULEOP

Message Text
Invalid syntax for a rule definition: variable1

Cause
Rule definitions only allow a subset of SPARQL syntax.

Response
Restrict your rule definitions to use the correct syntax subset.

37.926XDMP-RULESNOTFOUND

Message Text
The ruleset file cannot be found: variable1

Cause
The ruleset file referenced cannot be found.

Response
MarkLogic searches for rulesets in the schemas database configured for the queried database, as well as in the MarkLogic install directory for standard rulesets shipped the product. Check that the ruleset you are trying to use exists and has the correct name.

37.927XDMP-RWANYALL

Message Text
One of the attributes any-of [variable1] or all-of [variable2] must be specified in rule: variable3
37.928XDMP-RWATTRBLANK

**Message Text**
The attribute 'variable1' in rule: 'variable2' must not be empty or blank.

37.929XDMP-RWATTRNOTSET

**Message Text**
The attribute 'variable1' in rule: variable2 must be explicitly provided.

37.930XDMP-RWATTRNOTSET3

**Message Text**
At most one matching attribute of 'variable1', 'variable2', 'variable3' is allowed in rule: variable4.

37.931XDMP-RWEMPTY

**Message Text**
The value of expression 'variable1' is required to be non-empty in rule: variable2

37.932XDMP-RWINVAL0

**Message Text**
The value of expression 'variable1' is required to be non-zero in rule: variable2

37.933XDMP-RWONEOF

**Message Text**
Only one of the attributes 'variable1' or 'variable2' may be supplied in rule: variable3

37.934XDMP-RWREGEX

**Message Text**
Attempted evaluate an invalid regular expression: 'variable1' in rule: variable2 - error: variable3

37.935XDMP-RWREPVAL

**Message Text**
The expression 'variable1' evaluated to multiple values in rule: variable2
37.936 XDMP-RWREQUNAVAIL

**Message Text**
The requested method name: 'variable1' is invalid in rule: variable2

37.937 XDMP-RWRPTPARAM

**Message Text**
Repeated values are not allowed for the variable1 attribute in rule: variable2.

37.938 XDMP-RWSYSVAR

**Message Text**
Attempted to set a system variable name: 'variable1' in rule: variable2

37.939 XDMP-SAMEARC

**Message Text**
Arcs must not be part of same great circle

**Cause**
geo:arc-intersection is called on two arcs that are on the same Great Circle.

**Response**
The error is reporting a state of nature. It is up to the application to decide what to make of that state of nature.

37.940 XDMP-SCHEDEVENTINPUT

**Message Text**
variable1

37.941 XDMP-SCHEMA-CANNOT

**Message Text**
Cannot variable1 -- variable2
37.942XDMP-SCHMNSMISMATCH

Message Text
Namespace "variable1" does not match namespace in schema at "variable2"

37.943XDMP-SCHPRFX

W3C XQuery Standard Equivalent: err:XQST0057

Message Text
Cannot declare a prefix for the empty namespace URI in a schema import

37.944XDMP-SEARCH

Message Text
Searches not enabled

Cause
One or more of the following configuration settings are required by the search, but are not enabled on the database: stemmed searches, word searches, field value searches.

Response
Use the Admin Interface to check and correct the database configuration.

If the database settings appear correct, ensure that any database re-indexing operations are completing correctly. In rare cases, this error has been seen when there is a re-indexing failure.

37.945XDMP-SECDB

Message Text
Security database unavailable: exception_stack

37.946XDMP-SECSTAMP

Message Text
Security timestamp too old
37.947XDMP-SEEK

**Message Text**
variable1:Invalid lseek64, variable2

**Cause**
A host operating system file function returned an unexpected error while MarkLogic was accessing a file. The host operating system function, file name, and error message are included in the error report.

**Response**
See the host operating system documentation for the precise meaning of the error message. Check the operating system error log for file system or storage hardware problems. Restarting MarkLogic on the host may clear a persistent error condition. Restarting the operating system on the host may clear a persistent error condition.

37.948XDMP-SERVERERR

**Message Text**
Error in server variable1

**Cause**
There is an app server or task server with that identifier, but not on this host. The identified host is not in the same group as the identified app server or task server.

**Response**
Choose a server identifier from the group the host belongs to.

37.949XDMP-SERVERFIELDDATABASENODE

**Message Text**
Cannot put in a server field a database node, a streaming result sequence, or an object containing a database node or streaming result sequence

37.950XDMP-SESSIONTXN

**Message Text**
Another request in the same session has concurrently started a multi-statement transaction
37.951 XDMP-SHUTDOWN

**Message Text**
Shutdown

37.952 XDMP-SPAWNMODULE

**Message Text**
No module to spawn

37.953 XDMP-SPAWNPATH

**Message Text**
Invalid spawn path: *variable1*

37.954 XDMP-SPECIALPROP

**Message Text**
Cannot update server-maintained properties

**Cause**
An attempt was made to update a server-maintained property, and user code cannot update those properties (for example, prop:last-modified, prop:content-length, and prop:directory).

**Response**
Change your code to not update these properties.

37.955 XDMP-SPQLBAD

**Message Text**
Grammar error in SPARQL: *variable1*

**Cause**
Grammar error

**Response**
Fix grammar error(s).
37.956XDMP-SPQLBADAGG

**Message Text**
An aggregate function cannot be used in this position

**Cause**
You have used an aggregate function outside of a SELECT expression, HAVING clause, or ORDER BY clause.

**Response**
Move the use of the aggregate function to a permitted position.

37.957XDMP-SPQLBADDATASET

**Message Text**
RDF Dataset is set inappropriately

**Cause**
Dataset is set in both the query and the options, making the SPARQL request not compliant with SPARQL 1.1 specification.

**Response**
Check the query and the options

37.958XDMP-SPQLBADSTR

**Message Text**
Unescaped newline characters in SPARQL string literal: "variable1"

**Cause**
The SPARQL string contains unescaped newline characters.

**Response**
Escape newline characters using "\n", or use the three quote form of triple string literal.

37.959XDMP-SPQLBINDVAR

**Message Text**
The BIND variable is already bound by an earlier clause in the group graph pattern: variable1
Cause
A variable bound by a BIND clause is already bound by an earlier clause in the group graph pattern, and its value cannot be changed.

Response
Use a different variable name in the BIND clause, or remove the clause entirely.

37.960XDMP-SPQLBOUND

Message Text
Variable value supplied by the calling environment: variable1

Cause
A variable bound by a VALUES or BIND clause is already bound in the map passed into the call to sem:sparql() or sem:sparql-triples().

Response
Use a different variable name in the VALUES or BIND clause, or remove the clause entirely.

37.961XDMP-SPQLGRAPHEXIST

Message Text
Graph already exists: variable1

Cause
The graph to create already exists.

Response
Check graph iri.

37.962XDMP-SPQLINVALIDGRAPH

Message Text
Invalid format in Graph Document: variable1

Cause
Graph Document already exists but does not conform to schema.
Response
Check the Graph Document.

37.963 XDMP-SPQLNOINEQ

Message Text
Inequality operations are not supported on values of unknown type, unsupport type, or schema invalid values: variable1

37.964 XDMP-SPQLNOSUCHGRAPH

Message Text
No such RDF Graph: variable1

Cause
The graph does not exist.

Response
Check graph iri.

37.965 XDMP-SPQLSTRCOMPAT

Message Text
Incompatible string arguments

Cause
The string arguments to the SPARQL function have incompatible language tags.

Response
Use identical language tags, or strings without language tags.

37.966 XDMP-SPQLUPDATEINMEMORY

Message Text
Cannot use SPARQL Update on in-memory sem:store

Cause
Run SPARQL Update against in-memory sem:store
37.967XDMP-SPQLUPDATESTMT

**Message Text**
Cannot execute multiple SPARQL Update statements with same-statement isolation

37.968XDMP-SPQLVALUES

**Message Text**
The VALUES clause contains a row with the wrong number of values: \textit{variable1}

**Cause**
All the rows of a VALUES clause must contain the same number of values.

**Response**
Add extra values or use UNDEF.

37.969XDMP-STACK

**Message Text**
Parser stack overflow

37.970XDMP-STACKOVERFLOW

**Message Text**
Stack overflow

37.971XDMP-STANDVER

**Message Text**
Unsupported stand version \textit{variable1} for \textit{variable2}

**Cause**
The version of this stand is outside the range supported by this version of Marklogic. Newer MarkLogic versions understand stands written from older MarkLogic versions, but older MarkLogic versions do not necessarily understand stands from newer MarkLogic versions.
Response
Check the compatibility of versions of MarkLogic you are switching between. The capability of MarkLogic understanding stands written by newer versions is limited. Generally patch versions are compatible, but major versions are not.

37.972XDMP-STARTDOCUMENT
Message Text
A document node must be the first node.

37.973XDMP-STARTELEMENT
Message Text
There can be only one root node.

37.974XDMP-STATICCHECK
Message Text
static-check option not allowed in this function

37.975XDMP-STEMSEARCH
Message Text
Stemmed word searches not enabled

37.976XDMP-STEPCONTEXTITEMNOTNODE
W3C XQuery Standard Equivalent: err:XPTY0020
Message Text
Context item is not a node

37.977XDMP-STRINGFUNC
W3C XQuery Standard Equivalent: err:FOTY0014
Message Text
You cannot take the string value of a function
37.978 XDMP-SUBDBTIMESTAMP

Message Text
Sub-databases have different timestamps

37.979 XDMP-TAINTEDCACHEDMODULE

Message Text
Detected stale XSLT module: variable1

Cause
An XSLT module on the filesystem, or a module that uses an XSLT module, has been detected as being out of date.

Response
If XDMP-TAINTEDCACHEDMODULE appears as an infrequent Debug message, no action is required. Cache invalidation is a normal part of database operations.

If XDMP-TAINTEDCACHEDMODULE appears frequently as a Debug message, you may have a performance issue. You should avoid modifying your modules so frequently, so that you get the advantage of module caching.

37.980 XDMP-TARGETEXISTS

Message Text
The target path already exists: "variable1"

37.981 XDMP-TASKMODULE

Message Text
Modules database for Task does not exist

37.982 XDMP-TELEM-INTERR

Message Text
An internal error was encountered communicating with Telemetry: variable1
37.983XDMP-TELEM-INTERR2

Message Text
An internal error was encountered communicating with Telemetry: variable1 variable2 variable3 variable4 variable5

37.984XDMP-TELEM-INVENDP

Message Text
No valid endpoint was found to connect to Telemetry: variable1

37.985XDMP-TELEM-INVMSG

Message Text
Not a valid JSON structure in: variable1

37.986XDMP-TELEM-INVREQ

Message Text
An invalid request error was returned as a response to communicating with Telemetry: method variable1, variable2

37.987XDMP-TELEM-INVRESP

Message Text
The response received from Telemetry is invalid: variable1

37.988XDMP-TELEM-RETRY

Message Text
The maximum number of retries exceeded while connecting to Telemetry: variable1

37.989XDMP-TELEM-SEC

Message Text
An attempt to connect to Telemetry using https requires SSL: variable1, $2
37.990XDMP-TEXTNODE

Message Text
Server unable to build program from non-text document

Cause
MarkLogic server is unable to construct a program from the module at the indicated location. Possible causes include:

- There is no module at the indicated location.
- The module was not loaded as a text file.
- An imported module could not be found.

Response
Verify your module location is consistent with the root configured into your app server.

Make sure you upload modules into the app server as text. Usually, using the .xqy suffix and no type is sufficient.

Ensure your app server and your code are in agreement. For example, if you place your code in the file system, your app server should reference it in the file system, not in a database. If you place your code in a database, ensure your app server references the same database.

37.991XDMP-TIDYERR

Message Text
An error occurred trying to run tidy: code=variable1 message='variable2'

37.992XDMP-TIME

Message Text
Invalid time

37.993XDMP-TIMELIMIT

Message Text
Request time limit exceeds the maximum allowed.

37.994XDMP-TIMEZONEVAL

W3C XQuery Standard Equivalent: err:FODT0003
**Message Text**
Invalid timezone value

**37.995 XDMP-TONODE**

**Message Text**
There is no node to build.

**37.996 XDMP-TOOBIG**

**Message Text**
Document text size exceeds \texttt{variable1} document text size limit of \texttt{variable2} megabytes

**37.997 XDMP-TOOFEWARGS**

W3C XQuery Standard Equivalent: err:XPST0017

**Message Text**
Too few args, expected \texttt{variable1} but got \texttt{variable3}

**Cause**
The function call provided too few arguments for the function.

**Response**
Check the documentation for expected arguments, and provide the correct number.

**37.998 XDMP-TOOFEWLABELS**

**Message Text**
Too few labels, expected \texttt{variable1} but got \texttt{variable2}

**37.999 XDMP-TOOMANYARGS**

W3C XQuery Standard Equivalent: err:XPST0017

**Message Text**
Too many args, expected \texttt{variable2} but got \texttt{variable3}

**Cause**
The function call provided too many arguments for the function.
Response
Check the documentation for expected arguments, and provide the correct number.

37.1000XDMP-TOOMANYATOMS

Message Text
Document contains too many atoms

Cause
A document cannot contain more than $2^{32}$ (4294967296) total unique tokens.

Response
Make your document smaller and/or break the document into multiple smaller documents.

37.1001XDMP-TOOMANYCHARCLASS

Message Text
Too many character classes: variable1

37.1002XDMP-TOOMANYCHARS

Message Text
Document contains too many characters

Cause
A document cannot contain more than $2^{32}$ (4294967296) total characters of unique tokens.

Response
Make your document smaller and/or break the document into multiple smaller documents.

37.1003XDMP-TOOMANYLABELS

Message Text
Too many labels, expected variable1 but got variable2

37.1004XDMP-TOOMANYNODENAMES

Message Text
Document contains too many node names
**Cause**
A document cannot contain more than $2^{32}$ (4294967296) total unique node names.

**Response**
Make your document smaller and/or break the document into multiple smaller documents.

**37.1005XDMP-TOOMANYNODES**

**Message Text**
Document contains too many variable1 nodes

**Cause**
A document cannot contain more than $2^{28}$ (268435456) total nodes (text nodes, element nodes, attribute nodes, and so on).

**Response**
Make your document smaller and/or break the document into multiple smaller documents.

**37.1006XDMP-TOOMANYPOSITIONS**

**Message Text**
Too many positions

**Cause**
When calculating a positions vector for a query against a particular document, the intermediate positions vector for that document will become larger than the allowable maximum. This is generally the result of combinatorial positions calculations from large and-queries or near-queries within nested element-queries, particularly for large documents with repeating element structures. When one of the terms within an and-query is a very common word (e.g. "the"), this is more likely to happen. The error will only be thrown if the "too-many-positions-error" option is used in the search.

**Response**
(1) Don't use the "too-many-positions-error" option. This will lead to a false positive with unfiltered search: either filter, or accept the false positives. (2) Improve the data modeling so that the searchable unit is a document, so that positions need not be used to select a particular subscope from many repeating subscopes. (3) Remove common words from and-queries to reduce the number of possibilities that must be examined. Common words often arises when queries are automatically expanded from user phrases. (4) Apply one of the trace events that
increases the limit and restart the cluster. This should be applied with great care: it will increase
time and space required to resolve queries, which may negatively impact overall system
performance. Trace events: "Posting Positions 2X", "Posting Positions 4X", "Posting Positions
1M", "Posting Positions 2M", "Posting Positions 4M", "Posting Positions Max".

37.1007 XDMP-TOOMANYSTANDS

Message Text
Too many stands

Cause
The forest has reached the 64-stand limit.

Response
This error can occur if the system has not been allowed to merge and has accumulated more
stands than the stand limit. Make sure that merging is enabled, and that your MERGE MAX SIZE
is not set to such a low number that the system cannot merge (the default of 48GB is
recommended for MERGE MAX SIZE). Merging reduces the number of stands in a forest, and
merging is needed to get past this error.

37.1008 XDMP-TOOMUCHTEXT

Message Text
Document contains too much text

Cause
A document cannot contain more than 2^28 (268435456) memorywords, which are used to
encode atom IDs. This translates to roughly 200 million text nodes, depending on how big the text
nodes are. This limit is for a document constructed in memory; when you save a document to the
database, the limit is 512MB per fragment.

Response
Make your document smaller and/or break the document into multiple smaller documents.

37.1009 XDMP-TREAT

W3C XQuery Standard Equivalent: err:XPDY0050

Message Text
Invalid treat: variable1 treat as variable2
**37.1010 XDMP-TRIGGERMODULE**

**Message Text**
Could not find trigger module: `variable1`

**37.1011 XDMP-TRIGGERPATH**

**Message Text**
Invalid trigger path: `variable1`

**37.1012 XDMP-TRIPLE**

**Message Text**
Invalid triple element

**Cause**
Invalid triple element.

**Response**
Check element and try again.

**37.1013 XDMP-TRIPLEOPCOUNT**

**Message Text**
Wrong number of operators specified for the triple index function, `variable1` operators supplied

**Cause**
The wrong number of operator string have been given.

**Response**
Use either one operator or three.

**37.1014 XDMP-TRIPLESDOC**

**Message Text**
Invalid triples document

**Cause**
Invalid triples document.
Response
Check triples document and try again.

37.1015XDMP-TRPLCACHEFULL

Message Text
Triple cache full on host variable1

37.1016XDMP-TRPLIDXBADTRPL

Message Text
Triple index bad triple: variable1: variable2

37.1017XDMP-TRPLIDXNOTFOUND

Message Text
Triple index not enabled

Cause
The triple index not available for querying. It may need to be enabled or the reindexer may need to finish reindexing after enabling.

Response
Enable the triple index. Confirm that the reindexer has completed reindexing.

37.1018XDMP-TRPLIDXTOOBIG

Message Text
Too many entries in triple index variable1

Cause
The settings for maximum stand size are set too large, resulting in a stand with more than 2^32 distinct values in the triple index.

Response
Review your settings for maximum stand size.
37.1019XDMP-TRPLPERMNOTFOUND

**Message Text**
Triple index permutation not enabled

**Cause**
Forests created on versions of MarkLogic before 9.0-1 did not support some triple index sort orders.

**Response**
Reindex the database.

37.1020XDMP-TRPLVALCACHEFULL

**Message Text**
Triple value cache full: `variable1`

37.1021XDMP-TSOVERFLOW

**Message Text**
Timestamp overflow

37.1022XDMP-TXNCOMPLETED

**Message Text**
Transaction with identifier `variable1` already completed

**Cause**
A statement waiting to execute using an explicit transaction ID has found that the transaction has already been committed or rolled back before it could execute.

**Response**
Do not commit or rollback the transaction until all statements have finished executing using it.

37.1023XDMP-TXNMODELIB

**Message Text**
Transaction mode options cannot be used in library modules
Cause
A transaction mode option was specified in an XQuery library module.

Response
Move the transaction mode option to the main module.

37.1024XDMP-TXNMODEOPTVAL

Message Text
Invalid transaction-mode value: must be "auto", "query", or "update"

Cause
A transaction mode was specified with an incorrect value.

Response
Correct the transaction mode.

37.1025XDMP-UDFBADCAST

Message Text
The TupleIterator tuple member accessor is not defined for that type

Cause
The wrong TupleIterator accessor has been called for the type of that tuple member.

Response
Use the correct accessor for the type.

37.1026XDMP-UDFBOUND

Message Text
TupleIterator index out of bounds: variable1

Cause
The specified index is greater than the width of the tuple.

Response
Add code to handle smaller tuple widths than expected.
37.1027 XDMP-UDFENCSIZE

**Message Text**
Encoder capacity exceeded. host: variable1

**Cause**
The Encoder has a limit of 512Mb of data permitted in one message.

**Response**
This may indicate a bug in your encoding algorithm.

37.1028 XDMP-UDFERR

**Message Text**
An error occurred in the user-defined function plugin: variable1

**Cause**
A user defined function from a plugin reported an error.

**Response**
Consult the error message.

37.1029 XDMP-UDFEXPIRED

**Message Text**
The plugin API value has expired

**Cause**
Plugin API values like Map and Sequence have defined lifetimes, after which they cannot be used.

**Response**
Copy the values you need out of the plugin API values.

37.1030 XDMP-UDFOUTSEQ

**Message Text**
Invalid OutputSequence usage: variable1
**Cause**
The methods of OutputSequence have been called in an order that does not make sense.

**Response**
Fix the code using the OutputSequence instance.

37.1031XDMP-UDFSEQEND

**Message Text**
Member access on a Sequence object when Sequence::done() is true.

**Cause**
The Sequence object has moved past the end of the sequence. This can happen because it is an empty sequence, or because Sequence::next() has been called until the end of Sequence has been reached.

**Response**
Only access Sequence members if Sequence::done() returns false.

37.1032XDMP-UKOPT

**Message Text**
Unknown xdmp:tidy option or bad option value: variable1

37.1033XDMP-UNBPRFX

W3C XQuery Standard Equivalent: err:XPST0081

W3C XSLT Standard Equivalent: err:XTSE0280

**Message Text**
Prefix variable1 has no namespace binding

**Cause**
A namespace prefix appears in your code for which there is no declared namespace binding.

**Response**
Declare your namespaces explicitly.
37.1034XDMP-UNCTHRW

Message Text
variable1: Uncaught throw

37.1035XDMP-UNDAGGFUN

Message Text
Undefined aggregate function variable1

Cause
You have used an aggregate function name that does not exist.

Response
Examine your code for typos, or ensure that the requisite aggregate is defined.

37.1036XDMP-UNDCOMTYP

Message Text
Undefined complex type variable1

37.1037XDMP-UNDFUN

W3C XQuery Standard Equivalent: err:XPST0017

Message Text
Undefined function variable1

Cause
You have used a function name that is not in scope.

Response
Examine your code for typos, missing namespace qualifications, or missing module imports.

37.1038XDMP-UNDSCHM

W3C XQuery Standard Equivalent: err:XQST0059

Message Text
Undefined schema "variable1"
37.1039 XDMP-UNDSCHMAT
W3C XQuery Standard Equivalent: err:XQST0059

**Message Text**
Undefined schema "variable1" at "variable2" resolved to "variable3"

37.1040 XDMP-UNDSIMTYP
W3C XQuery Standard Equivalent: err:XPST0051

**Message Text**
Undefined simple type variable1

37.1041 XDMP-UNDTYP
W3C XQuery Standard Equivalent: err:XPTY0004

**Message Text**
Undefined type variable1

37.1042 XDMP-UNDVAR
W3C XQuery Standard Equivalent: err:XPST0008

**Message Text**
Undefined variable variable1

37.1043 XDMP-UNEXPECTED
W3C XQuery Standard Equivalent: err:XPST0003

**Message Text**
Unexpected token variable1

37.1044 XDMP-UNEXPECTEDSTANDS

**Message Text**
Unexpected stands in forest variable1: missing=variable2 found=variable3

**Cause**
There is an inconsistency between the Forest's label and its stands at mount time.
Response
If you have an active maintenance contract, you can contact MarkLogic Technical Support.

37.1045XDMP-UNINDEXABLEPATH

Message Text
Invalid syntax for path index: variable1 exception_stack

Cause
Only a subset of XPath 2.0 syntax is allowed in index creation. User has supplied a path expression that has some non-permitted syntax.

Response
Check the syntax of path expression. Only a sub-set of XPath 2.0 grammar is allowed in index creation.

37.1046XDMP-UNKNOWNCHARCLASS

Message Text
Unknown character class: variable1

37.1047XDMP-UNKNOWNNDIR

Message Text
Unknown directory variable1 in backup directory

37.1048XDMP-UNKNOWNFEATURE

W3C XQuery Standard Equivalent: err:XQST0123

Message Text
Unknown required feature: variable1

37.1049XDMP-UNKNOWNFILE

Message Text
Unknown file variable1 in backup directory
37.1050XDMP-UNKVAR

**Message Text**
An unknown URL template expansion variable was encountered connecting to Ops Director: `variable2`

37.1051XDMP-UNLOCKED

**Message Text**
Unlocked, `variable1`

**Cause**
During a read or write operation, the system encountered an unlocked node or other resource where a lock was expected. For example, during `cts:eval`, the system expects a read lock on the node being evaluated.

**Response**
Correct your code. The context for the error is included in the message. To learn more about locking in MarkLogic Server, see the Application Developer's Guide.

37.1052XDMP-UNPATH

**Message Text**
Invalid format for unpath

**Cause**
`xdmp:unpath` function supports a subset of XPath syntax. User has specified a path expression that uses XPath operators `xdmp:unpath` does not support.

**Response**
Refer to MarkLogic Server documentation for the `xdmp:unpath` supported XPath syntax.

37.1053XDMP-UNREGISTERED

**Message Text**
Query `variable1` is not registered
37.1054 XDMP-UNSEARCHABLE

Message Text
Expression is unsearchable

37.1055 XDMP-UNSUPPORTED

Message Text
Unsupported

37.1056 XDMP-UNSUPPORTED-TYPE

Message Text
Unsupported lexicon type: variable1

Cause
The type of the lexicon input is not supported.

Response
Correct your code.

37.1057 XDMP-UNSUPPORTED-TYPE-FIRST-ITEM

Message Text
Unsupported data type

Cause
The data type of the first item is not supported.

Response
Correct your code.

37.1058 XDMP-UNSUPPORTEDLANGUAGE

Message Text
Number formatter doesn't support this language.

Cause
User has specified an unsupported language.
Response
Use one of the supported languages.

37.1059XDMP-UNWILLINGFOREIGNREPLICA

Message Text
Unwilling foreign replica: forest variable1 does not accept update from forest variable2 in cluster variable3 (variable4)

Cause
This occurs during database replication when a forest in the replica database receives an update from an unexpected forest in the master database. Typically, this is due to the asynchronous nature of replication and communication within the cluster and the issue will resolve automatically.

Response
If the issue does not resolve automatically within a few minutes and you have a current maintenance contract with MarkLogic, you can contact MarkLogic Technical Support.

37.1060XDMP-UNWILLINGREPLICA

Message Text
Unwilling replica: forest variable1 does not accept update from forest variable2 (variable3)

Cause
This occurs during local-disk fail-over forest replication when a replica forest receives an update from an unexpected forest. Typically, this is due to the asynchronous nature of replication and communication within the cluster and will resolve automatically.

Response
If the issue does not resolve within a few minutes and you have a current maintenance contract with MarkLogic, you can contact MarkLogic Technical Support.

37.1061XDMP-UPCONSTNODES

Message Text
Cannot update constructed nodes
37.1062XDMP-UPDATEFROMQUERY

Message Text
Cannot process updates from queries with same-statement isolation

Cause
A transaction being run as a query attempted to perform an update. For example, using `xdmp:apply` to execute an update function when the `xdmp:apply` is in a query transaction.

This error also occurs if you use `xdmp:eval` or `xdmp:invoke` with same-statement isolation in a query transaction. You may only use same-statement isolation with update transactions.

For more information, see the discussion of Isolation option to `xdmp:eval/invoke` in the Application Developer's Guide.

Response
Possible solutions to this error include:

- Use different-transaction isolation in the problem `xdmp:eval` or `xdmp:invoke`.
- Use `xdmp:eval` instead of `xdmp:apply` if you know the applied function may be an update.
- If the problem occurs with `xdmp:apply`, and you know the applied function will perform an update, force the transaction to be an update. For example:

```xml
let $force-update :=
  if (fn:true())
    then ()
  else xdmp:document-insert('/fake.xml', <fake></fake>)
```

37.1063XDMP-UPDATEFUNCTIONFROMQUERY

Message Text
Cannot apply an update function from a query

Cause
A dynamic function call was made to a function that might perform database updates. This is not allowed from a statement executing under a query (read-only) transaction.

Response
Execute the calling statement under an update transaction. Define the function so that it does not update the database.
37.1064 XDMP-UPDATEOPTVAL

Message Text
Invalid xdmp:update option value, must be "true" or "false"

37.1065 XDMP-UPDATESNOTALLOWED

Message Text
No forests allow updates variable1

37.1066 XDMP-UPDATETIMESTAMP

Message Text
Cannot process timestamped updates

37.1067 XDMP-UPDEXTNODES

Message Text
Cannot update external nodes

37.1068 XDMP-URI

Message Text
Invalid URI format: variable1

37.1069 XDMP-URIILXCNNOTFOUND

Message Text
URI lexicon not enabled

37.1070 XDMP-URIRESNFAILED

W3C XQuery Standard Equivalent: err:XTDE1420

Message Text
Failed to resolve URI(s)
37.1071XDMP-USEAPPSRVRLDAPWITHURL

Message Text
Cannot use app server LDAP configuration with user specified URL

Cause
An LDAP operation was attempted that specified both a server URL and requested that the app server configuration be used.

Response
Either specify an empty URL, or don't use the app server configuration

37.1072XDMP-USEDECLARE
W3C XQuery Standard Equivalent: err:XPST0003

Message Text
Use 'declare' rather than 'define' (declare variable1)

37.1073XDMP-USEEMPTYSEQ
W3C XQuery Standard Equivalent: err:XPST0003

Message Text
Use 'empty-sequence()' rather than 'empty()'

37.1074XDMP-USERCHANGEONLYDIFFTRANS

Message Text
User change is only allowed for a different transaction

37.1075XDMP-UTF8SEQ

Message Text
Invalid UTF-8 escape sequence

Cause
A string contains an invalid UTF-8 byte sequence.

Response
Encode the string in UTF-8 correctly.
37.1076XDMP-VALIDATEABSTRACT
W3C XQuery Standard Equivalent: err:XQDY0027

Message Text
Instance of abstract element: Element variable1 is abstract using schema variable2

Cause
Validation determined that an element in the instance was declared as abstract in the schema. This means that the specific element name should not appear in a valid document. Typically such an element is a substitution group head and the document should contain specific members of that substitution group instead.

Response
Fix the instance to that it does not contain abstract elements.

37.1077XDMP-VALIDATEABSTRACTTYPE
W3C XQuery Standard Equivalent: err:XQDY0027

Message Text
Instance of abstract type: Type variable1 of element variable2 is abstract using schema variable3

Cause
Validation determined that an element had a complex type declared in the schema as abstract. This may reflect the case where the intention is that the instance include an xsi:type selecting a specific concrete subtype.

Response
Fix the element in the instance to be valid, perhaps by adding an xsi:type attribute.

37.1078XDMP-VALIDATEBADARG
W3C XQuery Standard Equivalent: err:XQTY0030

Message Text
Argument to validate expression must be document or element node

Cause
An attempt was made to validate something that was not a document node, element node, or (in XSLT) an attribute node.
Response
Fix the application to avoid validation of inappropriate items.

37.1079XDMP-VALIDATEBADDERIV
W3C XQuery Standard Equivalent: err:XQDY0027

Message Text
Invalidly derived type: Element variable1 xsi:type variable2 not validly derived from variable3 using schema variable4

Cause
Validation detected an element with an xsi:type attribute where the type referred to in that attribute was not validly derived from the declared type of the element. This could be because the type is not a subtype of the declared type at all, or because the schema prohibits the derivation explicitly.

Response
Fix the instance to use an appropriate type in the xsi:type attribute, or fix the schema to allow the derivation, if appropriate.

37.1080XDMP-VALIDATEBADDOCNODE
W3C XQuery Standard Equivalent: err:XQST0061

Message Text
A validated document node must contain exactly one root element

Cause
Validation was attempted on a document node that was a binary document, a text document, or had more than one root element.

Response
Validation only applies to XML documents.

37.1081XDMP-VALIDATEBADFIELD
W3C XQuery Standard Equivalent: err:XQDY0027

W3C XSLT Standard Equivalent: err:XTTE1555

Message Text
Bad field specification: Bad field specification variable1 at variable2 using schema variable3
**Cause**
Validation detected an identity constraint definition whose field was not a valid XPath expression.

**Response**
Fix the identity constraint definition in the schema.

**37.1082XDMP-VALIDATEBADFIELDTYPE**
W3C XQuery Standard Equivalent: err:XQDY0027

W3C XSLT Standard Equivalent: err:XTTE1555

**Message Text**
Bad field type: Bad type for field variable1 at variable2 using schema variable3

**Cause**
Validation detected an identity constraint definition whose field failed to select a single element node with simple content.

**Response**
The instance is invalid. Fix the instance.

**37.1083XDMP-VALIDATEBADFIXED**
W3C XQuery Standard Equivalent: err:XQDY0027

**Message Text**
Invalid fixed type: variable1 lexical value variable2 invalid for expected fixed value variable3 at variable4 using schema variable5

**Cause**
Validation detected an attribute or element that was declared to have a fixed value in the schema, but the attribute or element did not have that value.

**Response**
The instance is invalid. Replace the offending value with the correct fixed value.

**37.1084XDMP-VALIDATEBADKEY**
W3C XQuery Standard Equivalent: err:XQDY0027

W3C XSLT Standard Equivalent: err:XTTE1555
**Message Text**
Bad key: Non-referring key field variable1 at variable2 using schema variable3

**Cause**
Validation detected a key constraint that failed to select any elements.

**Response**
The instance is invalid. Make sure that all key values refer properly.

**37.1085XDMP-VALIDATEBADKEYREF**
W3C XQuery Standard Equivalent: err:XQDY0027
W3C XSLT Standard Equivalent: err:XTTE1555

**Message Text**
Bad referenced key: Bad referenced key for keyref variable1 at variable2 using schema variable3

**Cause**
Validation detected a keyref constraint that failed to refer to node value for a key.

**Response**
The instance is invalid. Make sure that all elements with keyref constraints properly refer to node value for a key.

**37.1086XDMP-VALIDATEBADSCHEMA**

**Message Text**
Invalid schema "variable1" at "variable2": exception_stack

**Cause**
The schema variable1 at schema URI variable2, used in a validation episode, does not meet the validity requirements of XML Schema Part I, as defined by W3C. In a valid schema, all definitions are valid, complete, and unique.

**Response**
Review and correct your schema. Check for duplicate or erroneous definitions.

**37.1087XDMP-VALIDATEBADSELECTOR**
W3C XQuery Standard Equivalent: err:XQDY0027
W3C XSLT Standard Equivalent: err:XTTE1555

**Message Text**
Bad selector specification: Bad selector specification **variable1** at **variable2** using schema **variable3**

**Cause**
Validation encountered an identity constraint definition with a selector that was not a valid XPath expression.

**Response**
The schema is invalid. Ensure that the XPath expressions on the identity constraint selectors are valid.

37.1088XDMP-VALIDATEBADTYPE
W3C XQuery Standard Equivalent: err:XQDY0027

**Message Text**
Invalid node type: **variable1** lexical value **variable2** invalid for expected type **variable3** at **variable4** using schema **variable5**

**Cause**
Validation encountered an element or attribute simple value that was not lexically valid per the declared type.

**Response**
The instance is invalid. Ensure that the content of the element or attribute has the correct lexical form for its declared type.

37.1089XDMP-VALIDATEDUPLICID
W3C XQuery Standard Equivalent: err:XQDY0027

W3C XSLT Standard Equivalent: err:XTTE1555

**Message Text**
Duplicate ID: ID value **variable1** is a duplicate at **variable2** using schema **variable3**

**Cause**
Validation determined that the same ID was used more than once in a document.
**Response**
The document is invalid. Make sure there is only one definition of each ID.

**37.1090XDMP-VALIDATEDUPKEY**
W3C XQuery Standard Equivalent: err:XQDY0027

W3C XSLT Standard Equivalent: err:XTTE1555

**Message Text**
Duplicate key: Duplicate key variable1 for identity constraint variable2 at variable3 using schema variable4

**Cause**
Validation determined that a uniqueness constraint was violated. For some identity constraint definition declared with unique keys, a key was used in the document more than once.

**Response**
The document is invalid. Make sure each key that is supposed to be unique is defined only once in the document.

**37.1091XDMP-VALIDATEFAILED**
W3C XQuery Standard Equivalent: err:XQDY0027

W3C XSLT Standard Equivalent: err:XTTE1555

**Message Text**
Validated node was not valid: variable1 (variable2)

**Cause**
Validation failed for some reason not specifically called out. For example, if an attribute is declared as having a fixed value and the type `xs:ID`, this error occurs. The error gives more information for the reason for the failure.

**Response**
Depending on the specific reason for the error, the instance may be invalid and need fixing, or the schema may be invalid and need fixing.

**37.1092XDMP-VALIDATEMISSINGATTR**
W3C XQuery Standard Equivalent: err:XQDY0027
**Message Text**
Missing required attribute: Found `variable1` but required `variable2` at `variable3` using schema `variable4`

**Cause**
Validation detected an element that was missing a required attribute.

**Response**
The instance is invalid. Add the required attribute to the element.

**37.1093XDMP-VALIDATEMISSINGELT**
W3C XQuery Standard Equivalent: err:XQDY0027

**Message Text**
Missing required elements: Expected `variable1` at `variable2` using schema `variable3`

**Cause**
Validation detected an element that was missing a required child element.

**Response**
The instance is invalid. Add the missing element.

**37.1094XDMP-VALIDATENILLED**
W3C XQuery Standard Equivalent: err:XQDY0027

**Message Text**
Nilled element has content: Element `variable1` nilled but has content

**Cause**
Validation detected an element that was declared as nillable and had an `xsi:nil` element, but which had child elements or text content anyway.

**Response**
The instance is invalid. Either remove the `xsi:nil` attribute or remove the non-nilled content from the element.

**37.1095XDMP-VALIDATENODECL**
W3C XQuery Standard Equivalent: err:XQDY0084
**Message Text**
Missing element declaration: Expected declaration for node `variable1` in non-lax mode using schema `variable2`

**Cause**
Validation failed because an element or attribute was found without a corresponding declaration. In some cases this can occur because an element somewhere within the subtree of the element was missing a declaration. This can be either because the schema is missing the declaration, the proper schema could not be located, or the element or attribute is incorrect (misspelled, for example).

**Response**
Fix the schema or the content or the schema location as appropriate.

**37.1096XDMP-VALIDATENOID**
W3C XQuery Standard Equivalent: err:XQDY0027
W3C XSLT Standard Equivalent: err:XTTE1555

**Message Text**
No ID for IDREF: IDREF value `variable1` has no corresponding ID using schema `variable2`

**Cause**
Validation detected the use of an IDREF with no corresponding ID in the document.

**Response**
The document is invalid. Make sure that every reference to an ID matches up with some ID in the document.

**37.1097XDMP-VALIDATENOKEYREF**
W3C XQuery Standard Equivalent: err:XQDY0027
W3C XSLT Standard Equivalent: err:XTTE1555

**Message Text**
No matching key for keyref: No matching key for keyref `variable1` for identity constraint `variable2` at `variable3` using schema `variable4`

**Cause**
Validation detected a keyref value that had no corresponding key value in the document.
**Response**
The document is invalid. Make sure that every keyref matches some key in the document.

37.1098XDMP-VALIDATENONILLABLE
W3C XQuery Standard Equivalent: err:XQDY0027

**Message Text**
Element not nillable: Element `variable1` disallows `@xsi:nil` using schema `variable2`

**Cause**
Validation detected an element with `xsi:nil` set to true where the element declaration does not allow for nilled instances.

**Response**
The instance is invalid. Either remove the `xsi:nil` attribute or add appropriate content to the element to make it valid with respect to its declaration.

37.1099XDMP-VALIDATEUNDTYPE
W3C XQuery Standard Equivalent: err:XQDY0084
W3C XSLT Standard Equivalent: err:XTSE1520

**Message Text**
Missing type definition: Expected type definition for `variable1` for node `variable2` using schema `variable3`

**Cause**
Validation could not find a type definition for an element or attribute. This could be because the element or attribute is spelled incorrectly or misplaced, because the schema lacked a definition, or because the proper schema could not be located.

**Response**
Fix the instance, the schema, or the schema location as appropriate.

37.1100XDMP-VALIDATEUNEXPECTED
W3C XQuery Standard Equivalent: err:XQDY0027

**Message Text**
Invalid node: Found `variable1` but expected `variable2` at `variable3` using schema `variable4`
** Cause 
Validation detected unexpected content (element, attribute, or text).

** Response 
The instance is invalid. Fix the content to be valid. Check the name of the element or attribute reported as unexpected, or remove the unexpected text.

37.1101XDMP-VALIDATIONERRORS
W3C XQuery Standard Equivalent: err:XQDT0027

** Message Text 
Validation failed: variable1 exception_stack

** Cause 
Reserved for XQDT error.

** Response 
Reserved for XQDT error.

37.1102XDMP-VARNS
W3C XQuery Standard Equivalent: err:XQST0048

** Message Text 
Variable variable1 not in target namespace variable2

37.1103XDMP-VARPUBPRIV
W3C XQuery Standard Equivalent: err:XQST0116

** Message Text 
A variable declaration's annotations cannot contain more than one annotation named %fn:private or %fn:public.

37.1104XDMP-WINREGERR

** Message Text 
Windows registry error: variable1 variable2: variable3
37.1105XDMP-WINSVCERR

Message Text
Windows service error: variable1: variable2

Cause
MarkLogic Server, running as a service on the Windows platform, received an unexpected error. variable1 names the internal operation which encountered an error, and variable2 describes the specific problem. For example:

XDMP-WINSVCERR OpenSCManager Access is denied.

In this example, an access denied error occurred while the server was attempting to connect to the Windows Service Control Manager. The underlying cause was starting the server without Windows Administrator privileges.

Response
Corrective action varies, depending upon the specific Windows service error encountered. Contact MarkLogic Technical Support if you are uncertain how to proceed and have a current maintenance contract.

37.1106XDMP-WORDLXCNNOTFOUND

Message Text
No word lexicon for variable1

Cause
The query requires a lexicon that does not exist.

Response
Make sure the lexicon exists. If the lexicon was added recently, make sure reindexing is enabled and has completed.

37.1107XDMP-WORDSEARCH

Message Text
Unstemmed word searches not enabled
37.1108XDMP-WRITE

**Message Text**

*variable1*: Invalid write, *variable2*

**Cause**

An inconsistency was detected while writing an index file. Details about the inconsistency are included in the error report.

**Response**

Restarting MarkLogic on the host may clear an inconsistency in memory. Merging on the affected forest may clear an inconsistency on disk. Reindexing the affected forest may clear an inconsistency on disk.

37.1109XDMP-WRONGARITY

W3C XQuery Standard Equivalent: err:XPTY0004

**Message Text**

Wrong number of arguments specified, expected *variable1* but got *variable2*

**Cause**

The dynamic function call provided the wrong number of arguments for the function.

**Response**

Check the documentation for expected arguments, and provide the correct number.

37.1110XDMP-WRONGCLUSTER

**Message Text**

cluster *variable1*(variable2) thinks it is really cluster *variable3*(variable4)

**Cause**

A host connects to another host and thinks that host is in the same cluster. But the cluster id does not match. This can happen if some hosts are using an older configuration and other hosts are using a new configuration.

**Response**

Check if configurations on the hosts are correct.
37.1111 XDMP-WRONGHOST

**Message Text**
Host *variable1*(variable2) thinks it is really host *variable3*(variable4)

37.1112 XDMP-XATXN

**Message Text**
Operation not allowed on the XA transaction with identifier *variable1*

**Cause**
The function *xdmp:commit and xdmp:transaction-commit cannot be executed against an XA transaction.*

**Response**
Commit the transaction using the transaction manager that started it. In exceptional circumstances, an administrator can call *xdmp:transaction-rollback* to remove the transaction from the system.

37.1113 XDMP-XDBCVER

**Message Text**
XDBC client version is incompatible with server: client version: *variable1*

37.1114 XDMP-XDQPBADLOCALITY

**Message Text**
Bad XDQP Locality for connection from *variable1* variable2 in cluster *variable3* on *variable4* port

37.1115 XDMP-XDQPDIFFPLATARCH

**Message Text**
XDQP cannot communicate with different platform/architecture

37.1116 XDMP-XDQPDISC

**Message Text**
XDQP connection disconnected, *variable1*
**Cause**
The internal cluster protocol connection (XDQP) between two nodes in the cluster was unexpectedly closed. This is a retryable exception.

**Response**
Normally, the nodes in the cluster will automatically reconnect without manual intervention. This is a retryable exception, and if a client application runs into the exception it can retry the request. If there is a problem with one of the nodes, then the other node cannot reconnect and the problem node will be dropped from the cluster. After the problem node is dropped, correct the problem and reconnect the affected node to the cluster.

### 37.1117 XDMP-XDQPINVREQ

**Message Text**
Invalid XDQP request, \textit{variable1}

**Cause**
XDQP is a MarkLogic internal protocol used for communicating between e-node and d-node hosts. Possible causes of this error include:

- Another application is using the port assigned to XDQP.
- A query, join, or other operation in your MarkLogic application attempted to pass more than 160M of data in a single remote request.

**Response**
If you suspect another application is using the XDQP port, disable the application or move it to another port.

If you suspect your application is exceeding the 160M transmission limit, refactor your operation to pass data in smaller chunks. For example, optimize your query to fetch fewer unwanted results from the d-node.

### 37.1118 XDMP-XDQPINVRESP

**Message Text**
Invalid XDQP response, \textit{variable1}

**Cause**
XDQP is a MarkLogic internal protocol used for communicating between e-node and d-node hosts. Possible causes of this error include:
• Another application is using the port assigned to XDQP.
• A query, join, or other operation in your MarkLogic application attempted to return more than 160M of data in a single remote request.

**Response**

If you suspect another application is using the XDQP port, disable the application or move it to another port.

If you suspect your application is exceeding the 160M transmission limit, refactor your operation to pass data in smaller chunks. For example, optimize your query to fetch fewer unwanted results from the d-node.

### 37.1119XDMP-XDQPMAX

**Message Text**

Too many XDQP listeners on host *variable1*

**Cause**

The maximum number of hosts connecting to this host through XDQP has been exceeded. No more than 255 other hosts may connect to this host through XDQP. Hosts in local clusters connect to every other host in the cluster. Hosts in foreign clusters connect to hosts with replica forests. Hosts in foreign clusters also connect through bootstrap hosts.

**Response**

Avoid creating large single clusters of hosts. Instead use super-clusters and super-databases. For example, 1024 hosts can be organized into 32 clusters of 32 hosts. See the MarkLogic Administrators Guide Chapter about Super Databases and Clusters.

### 37.1120XDMP-XDQPNORESULTS

**Message Text**

No XDQP results, *variable1*

### 37.1121XDMP-XDQPNOSESSION

**Message Text**

No XDQP session on host *variable1, variable2*
**Cause**
An XDQP message referenced an XDQP session that does not exist. This can happen if an XDQP session timed out (for example, if the network is really busy) or if an XDQP session was terminated (for example, if a node restarted).

**Response**
If the message shows as a debug message in the ErrorLog.txt file, and if there are a small number of these messages, then it indicates that there was a transient problem that corrected itself. If you see many messages for a large period of time, it might be an indication of a system that is resource bound, and you should find the cause of the resource contention and correct it.

**37.1122XDMP-XDQPVER**

**Message Text**
XDQP version mismatch: *variable1*

**Cause**
XDQP is a MarkLogic internal protocol used for communicating between e-node and d-node hosts. This message indicates the two hosts involved in the communication are running incompatible versions of MarkLogic Server.

**Response**
Check the compatibility of the versions of MarkLogic Server running on the affected hosts and upgrade or downgrade one host, if appropriate.

**37.1123XDMP-XIDNOTFOUND**

**Message Text**
No transaction with Xid *variable1*

**Cause**
A transaction with the given Xid was not found.

**Response**
This usually indicates an error in the transaction manager being used. You should report this as a bug to the transaction manager vendor.
37.1124XDMP-XMLCHAR

Message Text
Invalid XML character variable1

37.1125XDMP-XMLFUNC

W3C XQuery Standard Equivalent: err:XQTY0105

Message Text
Functions cannot be used in the content of an element constructor

37.1126XDMP-XMLNSATTR

W3C XQuery Standard Equivalent: err:XQDY0044

Message Text
Cannot create xmlns attribute with computed attribute constructor

37.1127XDMP-XMLPI

W3C XQuery Standard Equivalent: err:XPST0003

Message Text
Processing instructions may not have the target 'XML'

37.1128XDMP-XPATH2TOOMANYBASENODES

W3C XQuery Standard Equivalent: err:XTDE1420

Message Text
XPath 2.0 prohibits a sequence of more than one nodes as a base node

37.1129XDMP-XQUERYVERSION

W3C XQuery Standard Equivalent: err:XQST0031

Message Text
XQuery version is not recognized: "variable1" (must be "0.9-ml", "1.0" or "1.0-ml")

37.1130XDMP-XQUERYVERSIONMISMATCH

Message Text
Declared XQuery version (variable1) does not match this parser (variable2)
37.1131 XDMP-XQUERYVERSIONSWITCH

**Message Text**
All modules in a module sequence must use the same XQuery version: first="variable1", this="variable2"

37.1132 XDMP-XSDFRG

**Message Text**
Fragmented schema

37.1133 XDMP-XSDNONSBIND

**Message Text**
No namespace binding for prefix in schema reference: Prefix in reference to 'variable1' not bound

37.1134 XDMP-ZEROITEMS

W3C XQuery Standard Equivalent: err:FORG0004

**Message Text**
fn:one-or-more called with a sequence containing zero items

37.1135 XDMP-ZIPCLOSE

**Message Text**
Error closing zip file

37.1136 XDMP-ZIPCOUNT

**Message Text**
Mismatched counts: variable2 parts, but variable1 nodes

37.1137 XDMP-ZIPCRIPT

**Message Text**
File in zip is encrypted: variable1
37.1138XDMP-ZIPDUPNAME

Message Text
Duplicate names not allowed in zip files: variable1

37.1139XDMP-ZIPFNF

Message Text
File not found in zip: variable1

37.1140XDMP-ZIPPATH

Message Text
Path of a ZIP part is empty

37.1141XDMP-ZIPTOOBIG

Message Text
File is too big to add to zip

37.1142XDMP-ZIPWRITE

Message Text
Error adding file to zip
38.0 XI Messages

38.1 XI-BADCONTENT

**Message Text**
Mismatched content type: Expected content of type `variable1` and found `variable2`

**Cause**
The XPointer reference pointed to a binary node.

**Response**
Either fix the reference to point at XML or text content, or replace the binary content with XML or textual content.

38.2 XI-BADFALLBACK

**Message Text**
Malformed fallback: Required one fallback element and found `variable1`

**Cause**
An XPointer reference failed to refer to a document at all. In such cases an `xi:fallback` element is required, but none was found.

**Response**
Add an `xi:fallback` element.

38.3 XI-CIRCULAR

**Message Text**
Circular XInclude references

**Cause**
An XInclude pointer references a node that includes the XInclude reference itself. Expanding such a circular reference would never end.

**Response**
Fix the reference so that it does not refer to a node that contains itself.
38.4 XI-NOXPOINTER

**Message Text**
Missing xpointer attribute: xpointer attribute required for parse=xml and empty href

**Cause**
An XInclude reference has `parse=xml` set and no `href` attribute. An `xpointer` attribute is required in order to dereference the inclusion, but none was given.

**Response**
Add the required attribute.

38.5 XI-UNKNOWNERROR

**Message Text**
Unknown Error

**Cause**
The XInclude referenced a document node. This should not happen.

**Response**
Modify the XInclude reference.
39.0 XSLT Messages

39.1 XSLT-ANAMESPACELEX
W3C XQuery Standard Equivalent: err:XTDE0865

Message Text
Invalid lexical form for namespace attribute: \textit{variable1}

39.2 XSLT-ANONAMESPACEBIND
W3C XQuery Standard Equivalent: err:XTDE0860

Message Text
No namespace binding for prefix: No namespace bound to prefix \textit{variable1} at \textit{variable2}

39.3 XSLT-APPTEMPCTXNOTNODE
W3C XQuery Standard Equivalent: err:XTTE0510

Message Text
Cannot call xsl:apply-templates with no select attribute when context item is not a node

39.4 XSLT-APPTEMPNOTNODE
W3C XQuery Standard Equivalent: err:XTTE0520

Message Text
Select expression of xsl:apply-templates has an item that is not a node: \textit{variable1}

39.5 XSLT-ASETNSRES
W3C XQuery Standard Equivalent: err:XTSE0080

Message Text
Attribute set name may not be in a reserved namespace

39.6 XSLT-ATTRBODY
W3C XQuery Standard Equivalent: err:XTSE0840

Message Text
Invalid xsl:attribute element: xsl:attribute element \textit{variable1} with select attribute and non-empty content
39.7 XSLT-ATTRQNAME
W3C XQuery Standard Equivalent: err:XTTE1545

Message Text
Unparented attribute cannot be validated as xs:QName or xs:NOTATION: for node variable1 using schema variable2

39.8 XSLT-ATTRREQ
W3C XQuery Standard Equivalent: err:XTSE0010

Message Text
Missing required attribute: variable1 required at variable2

39.9 XSLT-ATTRSETCYCLE
W3C XQuery Standard Equivalent: err:XTSE0720

Message Text
Attribute set cycle detected

39.10 XSLT-ATTRSETNAME
W3C XQuery Standard Equivalent: err:XTSE0710

Message Text
Attribute set not found: variable1

39.11 XSLT-ATTRVALTEMPL
W3C XQuery Standard Equivalent: err:XTDE0030

Message Text
Invalid value for attribute: variable1

39.12 XSLT-BADANALSTR
W3C XQuery Standard Equivalent: err:XTSE1130

Message Text
Invalid xsl:analyze-string element: variable1

39.13 XSLT-BADATTRSET
W3C XQuery Standard Equivalent: err:XTSE0710
Message Text
Invalid attribute set name: variable1

39.14 XSLT-BADATTRTYPE
W3C XQuery Standard Equivalent: err:XTSE1530

Message Text
Attribute type cannot be complex type: variable1

39.15 XSLT-BADATTRVAL
W3C XQuery Standard Equivalent: err:XTSE0020

Message Text
Invalid attribute value: 'variable1' is not a valid attribute value at variable2

39.16 XSLT-BADAVP
W3C XQuery Standard Equivalent: err:XTSE0020

Message Text
Invalid attribute value template: variable1 (variable2)

39.17 XSLT-BADCDATAELEMSTR
W3C XQuery Standard Equivalent: err:XTSE0030

Message Text
Invalid cdata-section-element: variable1

39.18 XSLT-BADCOLLATION
W3C XQuery Standard Equivalent: err:XTDE1035

Message Text
Unrecognized or invalid collation URI in xsl:sort: variable1

39.19 XSLT-BADCOLLATION2
W3C XQuery Standard Equivalent: err:XTDE1110

Message Text
Unrecognized or invalid collation URI in xsl:for-each-group: variable1
39.20 XSLT-BADCURRGROUP
W3C XQuery Standard Equivalent: err:XTSE1060

Message Text
current-group() disallowed in patterns

39.21 XSLT-BADCURRGROUPKEY
W3C XQuery Standard Equivalent: err:XTSE1070

Message Text
current-grouping-key() disallowed in patterns

39.22 XSLT-BADDECIMALFORMAT
W3C XQuery Standard Equivalent: err:XTDE1280

Message Text
Decimal format does not exist: variable1

Cause
The decimal format specified for a format-number function uses a QName and one of the following is true:

- the decimal format is not defined in the stylesheet
- the QName is not a valid QName
- the namespace prefix of the QName is not associated with an in-scope namespace.

Response
Either the QName is not valid or its prefix is not associated with any in-scope namespace or the decimal format does not exist in the stylesheet.

39.23 XSLT-BADELEMTYPE
W3C XQuery Standard Equivalent: err:XTSE1520

Message Text
Invalid type attribute for xsl:element: variable1

39.24 XSLT-BADFRAGID
W3C XQuery Standard Equivalent: err:XTRE1160
**Message Text**
Invalid fragment identifier in fn:document: *variable1*

**39.25 XSLT-BADGROUPSPEC**
W3C XQuery Standard Equivalent: err:XTSE1080

**Message Text**
Invalid xsl:for-each-group element: xsl:for-each-group element *variable1* has multiple group specifiers

**39.26 XSLT-BADHREFSTR**
W3C XQuery Standard Equivalent: err:XTSE0030

**Message Text**
Invalid href: *variable1*

**39.27 XSLT-BADIMPORT**
W3C XQuery Standard Equivalent: err:XTSE0190

**Message Text**
xsl:import must be at top level: *variable1*

**39.28 XSLT-BADINCLUDE**
W3C XQuery Standard Equivalent: err:XTSE0170

**Message Text**
xsl:include must be at top level: *variable1*

**39.29 XSLT-BADKEYCOLLATION**
W3C XQuery Standard Equivalent: err:XTSE1210

**Message Text**
Unrecognized or invalid collation URI in xsl:key: *variable1*

**39.30 XSLT-BADMETHODSTR**
W3C XQuery Standard Equivalent: err:XTSE0030

**Message Text**
Invalid method: *variable1*
39.31 XSLT-BADMODE
W3C XQuery Standard Equivalent: err:XTSE0550

Message Text
Invalid mode specified in template declaration

39.32 XSLT-BADNUMVALUE
W3C XQuery Standard Equivalent: err:XTDE0980

Message Text
Value attribute of xsl:number cannot be converted to an integer

39.33 XSLT-BADPARAM
W3C XQuery Standard Equivalent: err:XTSE0010

Message Text
Required parameter has default (select or content): variable1

39.34 XSLT-BADPATTERN
W3C XQuery Standard Equivalent: err:XTSE0340

Message Text
Invalid pattern: variable1 (variable2)

39.35 XSLT-BADPRIORITY
W3C XQuery Standard Equivalent: err:XTSE0530

Message Text
Invalid priority attribute: 'variable1' is not a valid number at variable2

39.36 XSLT-BADQNAME
W3C XQuery Standard Equivalent: err:XTDE1390

Message Text
Invalid QName: variable1

39.37 XSLT-BADSEQTYPE
W3C XQuery Standard Equivalent: err:XTSE0020
Message Text
Invalid sequence type: variable1 (variable2)

39.38 XSLT-BADUSERELT
W3C XQuery Standard Equivalent: err:XTSE0200

Message Text
Bad user element: User element before xsl:import at variable1

39.39 XSLT-BADVERSION
W3C XQuery Standard Equivalent: err:XTSE0110

Message Text
Invalid version attribute: 'variable1' is not a valid number at variable2

39.40 XSLT-BADXPATH
W3C XQuery Standard Equivalent: err:XPST0003

Message Text
Invalid XPath expression: variable1

Cause
Incorrect XPath expression syntax.

Response
Fix the XPath expression syntax.

39.41 XSLT-BADZERODIGIT
W3C XQuery Standard Equivalent: err:XTSE1295

Message Text
Invalid zero digit specified: variable1

Cause
This error occurs when a zero digit specified in a Decimal Format is either not a digit or if it is a digit its value is not zero.
**Response**
Illegal zero digit specified. The zero digit specified in a Decimal format must be a digit whose numeric value is zero.

**39.42 XSLT-CHARMAPCYCLE**
W3C XQuery Standard Equivalent: err:XTSE1600

**Message Text**
Character map cycle detected

**39.43 XSLT-CHARMAPNAME**
W3C XQuery Standard Equivalent: err:XTSE1590

**Message Text**
Character map not found: variable1

**39.44 XSLT-CIRCKEY**
W3C XQuery Standard Equivalent: err:XTDE0640

**Message Text**
Circularly defined key: variable1

**39.45 XSLT-CIRCVAR**
W3C XQuery Standard Equivalent: err:XTDE0640

**Message Text**
Circularly defined variable or parameter: variable1

**39.46 XSLT-CMAPNSRES**
W3C XQuery Standard Equivalent: err:XTSE0080

**Message Text**
Character map may not be in a reserved namespace

**39.47 XSLT-COMMENTBODY**
W3C XQuery Standard Equivalent: err:XTSE0940
**Message Text**
Invalid xsl:comment element: xsl:comment element variable1 with select attribute and non-empty content

**39.48 XSLT-COMPARE**
W3C XQuery Standard Equivalent: err:XTDE1030

**Message Text**
Items not comparable: variable1 variable2 variable3

**39.49 XSLT-DECFORMATUNIQ**
W3C XQuery Standard Equivalent: err:XTSE1300

**Message Text**
Non-unique picture string characters in xsl:decimal-format

**Cause**
The values of variables decimal-separator-sign, grouping-sign, percent-sign, per-mille-sign, digit-zero-sign, digit-sign, and pattern-separator-sign must be unique for a given decimal format. User has specified a decimal format in which two or more of these variables have the same value.

**Response**
Use distinct values for variables decimal-separator-sign, grouping-sign, percent-sign, per-mille-sign, digit-zero-sign, digit-sign, and pattern-separator-sign in the decimal format.

**39.50 XSLT-DECFORMCONFLICT**
W3C XQuery Standard Equivalent: err:XTSE1290

**Message Text**
xsl:decimal-format conflict: for parameter variable1 in variable2 and variable3

**Cause**
Two decimal formats with same import precedence have conflicting values for the same attribute(s).

**Response**
Conflicting decimal formats: either make the import precedence of one higher than the other or make sure to have same values for all corresponding attributes.
39.51 XSLT-DEFAULTAS
W3C XQuery Standard Equivalent: err:XTTE0600

Message Text
Invalid default value coercion for variable or parameter: variable1 as variable2

39.52 XSLT-DEFAULTCOLL
W3C XQuery Standard Equivalent: err:XTSE0125

Message Text
No collations recognized in default-collation attribute: variable1

39.53 XSLT-DEFAULTESAS
W3C XQuery Standard Equivalent: err:XTDE0610

Message Text
Invalid empty-sequence() default value coercion for variable or parameter: variable1 as variable2

39.54 XSLT-DEFFUNPARM
W3C XQuery Standard Equivalent: err:XTSE0760

Message Text
xsl:function parameters may not have default value: variable1

39.55 XSLT-DEFNS
W3C XQuery Standard Equivalent: err:XTDE0440

Message Text
Cannot construct default namespace on element with no namespace: prefix variable1: namespace URI: variable2

39.56 XSLT-DOCNOTFOUND
W3C XQuery Standard Equivalent: err:XTDE1170

Message Text
Text document not found

39.57 XSLT-DUPCHARMAP
W3C XQuery Standard Equivalent: err:XTSE1580
Message Text
Conflicting character map name

39.58 XSLT-DUPEMPTYURIS
W3C XQuery Standard Equivalent: err:XTDE1490

Message Text
Two final trees cannot have the empty string as their URI

39.59 XSLT-DUPFUNCTION
W3C XQuery Standard Equivalent: err:XTSE0770

Message Text
Conflicting function name

39.60 XSLT-DUPNAMEDTEMPLATE
W3C XQuery Standard Equivalent: err:XTSE0660

Message Text
Conflicting named template: variable1 and variable2

39.61 XSLT-DUPNSALIAS
W3C XQuery Standard Equivalent: err:XTSE0810

Message Text
Conflicting namespace alias

39.62 XSLT-DUPPARAM
W3C XQuery Standard Equivalent: err:XTSE0630

Message Text
Conflicting parameter name

39.63 XSLT-DUPRESULTURIS
W3C XQuery Standard Equivalent: err:XTDE1490

Message Text
Two final trees cannot have the same URI: variable1
39.64 XSLT-DUPVAR
W3C XQuery Standard Equivalent: err:XTSE0630

Message Text
Conflicting variable name

39.65 XSLT-EABADQNAME
W3C XQuery Standard Equivalent: err:XTDE1440

Message Text
fn:element-available(): argument isn't a valid QName

39.66 XSLT-ELTREQ
W3C XQuery Standard Equivalent: err:XTSE0010

Message Text
Missing required element child: variable1 required at variable2

39.67 XSLT-EMPTYNSURI
W3C XQuery Standard Equivalent: err:XTDE0930

Message Text
Empty namespace URI for prefix: variable1

39.68 XSLT-ENTITYURICTX
W3C XQuery Standard Equivalent: err:XTDE1370

Message Text
unparsed-entity-uri called with no context node

39.69 XSLT-ENTITYURIDOC
W3C XQuery Standard Equivalent: err:XTDE1370

Message Text
unparsed-entity-uri called with non-document root node

39.70 XSLT-FNBADARITY
W3C XQuery Standard Equivalent: err:XTDE1400
Message Text
fn:function-available() invoked with bad arity

Cause
A user has invoked function-available with a negative arity value.

Response
The function-availablearity argument must be a non-negative number.

39.71 XSLT-FNBADDOCTYPE
W3C XQuery Standard Equivalent: err:XTDE1170

Message Text
Bad document argument to function unparsed-text

39.72 XSLT-FNBADENCODING
W3C XQuery Standard Equivalent: err:XTDE1190

Message Text
Error decoding document using specified encoding to function unparsed-text or unparsed-text-available

39.73 XSLT-FNBADQNAME
W3C XQuery Standard Equivalent: err:XTDE1400

Message Text
fn:function-available(): first argument isn't a valid QName

39.74 XSLT-FNBADURI
W3C XQuery Standard Equivalent: err:XTDE1170

Message Text
Bad URI argument to function unparsed-text

39.75 XSLT-FNILLEGALENCODING
W3C XQuery Standard Equivalent: err:XTDE1190

Message Text
Encoding not supported
39.76 XSLT-FNNOENCODING
W3C XQuery Standard Equivalent: err:XTDE1200

Message Text
Function unparsed-text was unable to determine correct encoding or decode with UTF-8

39.77 XSLT-FORMATNAME
W3C XQuery Standard Equivalent: err:XTDE1460

Message Text
Named output definition not found: variable1

39.78 XSLT-FORMATNUMPICT1
W3C XQuery Standard Equivalent: err:XTDE1310

Message Text
Invalid picture string in format-number: variable1

Cause

Response

39.79 XSLT-FORMATNUMPICT10
W3C XQuery Standard Equivalent: err:XTDE1310

Message Text
The fractional part of a sub-picture for format-number cannot contain a digit-sign followed by a zero-digit-sign: variable1

Cause
The fractional part of the specified picture string contains one or more of optional digits followed by a mandatory digit.

Response
Remove digit signs that follow the zero-digit signs in the fractional part of the sub-picture. Alternatively change all the zero-digit signs preceding digit-signs to digit-signs.
39.80 XSLT-FORMATNUMPICT11
W3C XQuery Standard Equivalent: err:XTDE1310

Message Text
A sub-picture for format-number cannot contain a passive character that is preceded by an active character and followed by another active character: \texttt{variable1}

Cause
User has specified a illegal sub-picture string that contains a passive character between two active characters.

Response
Change the picture string such that a passive character is not between active characters.

39.81 XSLT-FORMATNUMPICT12
W3C XQuery Standard Equivalent: err:XTDE1310

Message Text
A picture string in format-number cannot end in a decimal separator: \texttt{variable1}

Cause
Illegal picture string causes this error. User has supplied a picture string to \texttt{format-number} that contains a decimal separator at the end.

Response
Change the picture string either by removing the trailing decimal separator or by adding a digit-sign after it.

39.82 XSLT-FORMATNUMPICT2
W3C XQuery Standard Equivalent: err:XTDE1310

Message Text
Two pattern separators are not allowed in picture string for format-number: \texttt{variable1}

Cause
A picture string in format-number can have two separate patterns for positive and negative numbers. These two are separated in the picture string by a pattern separator. This error occurs when user specifies a picture string that has more than one pattern separators.
**Response**
Remove the extra pattern separator from picture string.

**39.83 XSLT-FORMATNUMPICT3**
W3C XQuery Standard Equivalent: err:XTDE1310

**Message Text**
A sub-picture for format-number cannot contain two percent signs: variable1

**Cause**
A picture string used by format-number contains more than one decimal separators.

**Response**
Remove the extra decimal separators from the picture string.

**39.84 XSLT-FORMATNUMPICT4**
W3C XQuery Standard Equivalent: err:XTDE1310

**Message Text**
A sub-picture for format-number cannot contain both percent and per-mille sign: variable1

**Cause**
Illegal picture string causes this error. User has included both percent and per-mille signs in the picture string to format-number.

**Response**
Remove either percent or the per-mille sign from picture string of format-number.

**39.85 XSLT-FORMATNUMPICT5**
W3C XQuery Standard Equivalent: err:XTDE1310

**Message Text**
A sub-picture for format-number cannot contain two per-mille signs: variable1

**Cause**
An illegal picture string causes this error. A user has supplied a picture string to format-number that has two per-mille signs.
Response
Remove the extra per-mille sign.

39.86 XSLT-FORMATNUMPICT6
W3C XQuery Standard Equivalent: err:XTDE1310

Message Text
A sub-picture for format-number cannot contain two decimal-separator signs: variable1

Cause
You supplied an illegal picture string that contains two decimal separator signs.

Response
Remove the extra decimal-separator.

39.87 XSLT-FORMATNUMPICT7
W3C XQuery Standard Equivalent: err:XTDE1310

Message Text
A sub-picture for format-number cannot contain a decimal-separator sign adjacent to a grouping-separator-sign: variable1

Cause
An illegal picture string causes this error. It contains a decimal-separator sign adjacent to a grouping-separator sign.

Response
Remove one of the adjacent decimal-separator and grouping-separator signs in the picture string to format-number.

39.88 XSLT-FORMATNUMPICT8
W3C XQuery Standard Equivalent: err:XTDE1310

Message Text
A sub-picture for format-number must contain one zero-digit or digit sign: variable1

Cause
Illegal picture string to format-number. A user has supplied a picture string that doesn't contain any zero-digit or digit sign.
Response
Add at least one digit or zero-digit sign to the picture string of format-number.

39.89 XSLT-FORMATNUMPICT9
W3C XQuery Standard Equivalent: err:XTDE1310

Message Text
The integer part of a sub-picture for format-number cannot contain a zero-digit-sign followed by a digit-sign: variable1

Cause
Illegal picture string is the cause of this error. A user has specified a picture string in which the integer part contains a (optional) zero-digit sign followed by a (mandatory) digit-sign.

Response
Remove the zero-digit sign(s) following a digit-sign in the integer part of the picture-string of format-number.

39.90 XSLT-FORMATSTR
W3C XQuery Standard Equivalent: err:XTDE1460

Message Text
Invalid lexical form for format attribute: variable1

Cause
The format attribute of result-document instruction cannot be converted to a valid QName. As a result, the output-definition for generating results cannot be retrieved.

Response
Use an output definition's valid name as a value of the "format" attribute in the xsl:result-document instruction.

39.91 XSLT-FUNCTIONAS
W3C XQuery Standard Equivalent: err:XTTE0780

Message Text
Invalid coercion for return value of function: variable1 as variable2
39.92 XSLT-FUNCTUNPAR
W3C XQuery Standard Equivalent: err:XTSE0010

Message Text
Tunnel parameters not allowed in functions: parameter variable1 in function variable2

39.93 XSLT-FUNNSRES
W3C XQuery Standard Equivalent: err:XTSE0080

Message Text
Functions may not be declared in a reserved namespace

39.94 XSLT-GRCOLLATION
W3C XQuery Standard Equivalent: err:XTSE1090

Message Text
Invalid xsl:for-each-group element: xsl:for-each-group element variable1 with collation and no group-by or group-adjacent specifier

39.95 XSLT-GRNOTPATTERN

Message Text
Invalid xsl:for-each-group element: group specifier is not a pattern

39.96 XSLT-GROUPADJKEY
W3C XQuery Standard Equivalent: err:XTTE1100

Message Text
Grouping key not a singleton with group-adjacent: variable1

39.97 XSLT-GROUPITEMTYPE
W3C XQuery Standard Equivalent: err:XTTE1120

Message Text
Item in select expression of xsl:for-each-group is not a node: variable1

39.98 XSLT-IMPORTCYCLE
W3C XQuery Standard Equivalent: err:XTSE0210
Message Text
Import cycle found in stylesheet: variable1

39.99 XSLT-IMPORTNOTFIRST
W3C XQuery Standard Equivalent: err:XTSE0200

Message Text
Bad xsl:import: Element before xsl:import at variable1

39.100XSLT-IMPORTNOTFOUND
W3C XQuery Standard Equivalent: err:XTSE0165

Message Text
Imported stylesheet not found: variable1

39.101XSLT-IMPORTPATH
W3C XQuery Standard Equivalent: err:XTSE0165

Message Text
Invalid stylesheet import path: variable1

39.102XSLT-INCLUDECYCLE
W3C XQuery Standard Equivalent: err:XTSE0180

Message Text
Include cycle found in stylesheet: variable1

39.103XSLT-INITMODE
W3C XQuery Standard Equivalent: err:XTDE0045

Message Text
Invalid initial mode: variable1

39.104XSLT-INITPARAM
W3C XQuery Standard Equivalent: err:XTDE0050

Message Text
Missing required parameter for stylesheet: variable1
39.105 XSLT-INITTEMPLATE
W3C XQuery Standard Equivalent: err:XTDE0040

**Message Text**
Starting template name not found: `variable1`

39.106 XSLT-INVCHOOSE
W3C XQuery Standard Equivalent: err:XTSE0010

**Message Text**
xsl:choose requires xsl:when+,xsl:otherwise: `variable1`

39.107 XSLT-INVMETHOD
W3C XQuery Standard Equivalent: err:XTSE1570

**Message Text**
xsl:output invalid method: 'variable1' is not valid in `variable2`

39.108 XSLT-INVSORTSTABLE
W3C XQuery Standard Equivalent: err:XTSE1017

**Message Text**
Invalid xsl:sort element: stable attribute on xsl:sort `variable1` invalid

39.109 XSLT-INVXSLATTR
W3C XQuery Standard Equivalent: err:XTSE0805

**Message Text**
Unknown attribute in XSLT namespace: Unknown attribute `variable1` in XSLT namespace on literal result element

39.110 XSLT-KEYCOLLCONF
W3C XQuery Standard Equivalent: err:XTSE1220

**Message Text**
Conflicting collation in key declaration

39.111 XSLT-KEYLEXVAL
W3C XQuery Standard Equivalent: err:XTDE1260
**Message Text**
Key name is not a valid QName

**39.112XSLT-KEYNOTDOC**
W3C XQuery Standard Equivalent: err:XTDE1270

**Message Text**
Context item does not have a document node root

**39.113XSLT-KEYNSRES**
W3C XQuery Standard Equivalent: err:XTSE0080

**Message Text**
Key name may not be in a reserved namespace

**39.114XSLT-LEVELATTR**
W3C XQuery Standard Equivalent: err:XTSE0975

**Message Text**
Invalid xsl:number element: xsl:number element variable1 with value and level attributes

**39.115XSLT-MATCHORNAMEREQ**
W3C XQuery Standard Equivalent: err:XTSE0500

**Message Text**
Template requires match or name attribute: variable1

**39.116XSLT-MATCHZERO**
W3C XQuery Standard Equivalent: err:XTDE1150

**Message Text**
Pattern matches zero-length string

**39.117XSLT-MISSINGCONTEXT**
W3C XQuery Standard Equivalent: err:XTDE1360

**Message Text**
Missing context item
39.118XSLT-MISSINGPARAM
W3C XQuery Standard Equivalent: err:XTSE0690

Message Text
Missing template parameter in xsl:call-template: variable1

39.119XSLT-MISSINGPARAM2
W3C XQuery Standard Equivalent: err:XTDE0700

Message Text
Missing template parameter: variable1

39.120XSLT-MODEANDTEMPLATE
W3C XQuery Standard Equivalent: err:XTDE0047

Message Text
Cannot start a transform with both an initial mode and template

39.121XSLT-MODENSRES
W3C XQuery Standard Equivalent: err:XTSE0080

Message Text
Mode may not be in a reserved namespace

39.122XSLT-MSGTERMINATE
W3C XQuery Standard Equivalent: err:XTMM9000

Message Text
xsl:message instruction called with terminate

39.123XSLT-NAMEDTEMPATTRS
W3C XQuery Standard Equivalent: err:XTSE0500

Message Text
Named template has mode or priority attribute: variable1

39.124XSLT-NAMESPACELEX
W3C XQuery Standard Equivalent: err:XTDE0835
Message Text
Invalid lexical form for namespace attribute: variable1

39.125XSLT-NEGNUMVALUE
W3C XQuery Standard Equivalent: err:XTDE0980

Message Text
Value attribute of xsl:number evaluates to a negative integer: variable1

39.126XSLT-NOCURRTEMPLATE
W3C XQuery Standard Equivalent: err:XTDE0560

Message Text
No current template for xsl:apply-imports

39.127XSLT-NOCURRTEMPLATE2
W3C XQuery Standard Equivalent: err:XTDE0560

Message Text
No current template for xsl:next-match

39.128XSLT-NOEXCLNSBIND
W3C XQuery Standard Equivalent: err:XTSE0808

Message Text
No namespace binding for exclude result prefix: No namespace bound to prefix 'variable1' at variable2

39.129XSLT-NOEXCLNSBIND2
W3C XQuery Standard Equivalent: err:XTSE0809

Message Text
No defaul namespace for exclude result prefix: No namespace bound to prefix 'variable1' at variable2

39.130XSLT-NOEXTNSBIND
W3C XQuery Standard Equivalent: err:XTSE1430
**Message Text**
No namespace binding for extension element prefix: No namespace bound to prefix 'variable1' at variable2

39.131XSLT-NOFALLBACK
W3C XQuery Standard Equivalent: err:XTSE1450

**Message Text**
No xsl:fallback: Required fallback but none found at variable1

39.132XSLT-NOFALLBACK2
W3C XQuery Standard Equivalent: err:XTDE1450

**Message Text**
No xsl:fallback: Required fallback but none found

39.133XSLT-NOGROUPSPEC
W3C XQuery Standard Equivalent: err:XTSE1080

**Message Text**
Invalid xsl:for-each-group element: xsl:for-each-group element variable1 with no group specifier

39.134XSLT-NONAMESPACEBIND
W3C XQuery Standard Equivalent: err:XTDE0830

**Message Text**
No namespace binding for prefix

39.135XSLT-NOSUCHKEY
W3C XQuery Standard Equivalent: err:XTDE1260

**Message Text**
Key declaration not found: variable1

39.136XSLT-NOSUCHPARAM
W3C XQuery Standard Equivalent: err:XTSE0680

**Message Text**
Template parameter not found in xsl:call-template: variable1
39.137XSLT-NOSUCHTEMPLATE
W3C XQuery Standard Equivalent: err:XTSE0650

Message Text
Template name not found: variable1

39.138XSLT-NOVERSION
W3C XQuery Standard Equivalent: err:XTSE0150

Message Text
Simplified stylesheet must contain valid xsl:version attribute: variable1

39.139XSLT-NSALIASPREFIX
W3C XQuery Standard Equivalent: err:XTSE0812

Message Text
Unbound namespace alias stylesheet-prefix: variable1 in variable2

39.140XSLT-NSALIASPREFIX2
W3C XQuery Standard Equivalent: err:XTSE0812

Message Text
Unbound namespace alias result-prefix: variable1 in variable2

39.141XSLT-NSBODY
W3C XQuery Standard Equivalent: err:XTSE0910

Message Text
Invalid xsl:namespace element: xsl:namespace element variable1 with select attribute and non-empty content

39.142XSLT-NSLEX
W3C XQuery Standard Equivalent: err:XTDE0905

Message Text
Invalid lexical form for namespace URI: variable1

39.143XSLT-NSPREFIX
W3C XQuery Standard Equivalent: err:XTDE0920
Message Text
Invalid namespace prefix: variable1

39.144XSLT-NUMCTXNOTNODE
W3C XQuery Standard Equivalent: err:XTTE0990

Message Text
Context item is not a node for xsl:number

39.145XSLT-NUMSELECTVAL
W3C XQuery Standard Equivalent: err:XTTE1000

Message Text
Select attribute of xsl:number does not evaluate to a node

39.146XSLT-NUMVALUEATTR
W3C XQuery Standard Equivalent: err:XTSE0975

Message Text
Invalid xsl:number element: xsl:number element variable1 with value attribute and select, count or from attribute

39.147XSLT-OUTPUTCONFLICT
W3C XQuery Standard Equivalent: err:XTSE1560

Message Text
xsl:output conflict: for parameter variable1 in variable2 and variable3

39.148XSLT-OUTPUTDECLNSRES
W3C XQuery Standard Equivalent: err:XTSE0080

Message Text
Output definition may not be in a reserved namespace

39.149XSLT-PARAMAS
W3C XQuery Standard Equivalent: err:XTTE0590

Message Text
Invalid parameter coercion: variable1 as variable2
39.150 XSLT-PARAMBODY
W3C XQuery Standard Equivalent: err:XTSE0620

**Message Text**
Variable or parameter cannot contain both a select attribute and non-empty content

39.151 XSLT-PARAMNSRES
W3C XQuery Standard Equivalent: err:XTSE0080

**Message Text**
Parameter name may not be in a reserved namespace

39.152 XSLT-PERFORMSORTBODY
W3C XQuery Standard Equivalent: err:XTSE1040

**Message Text**
Invalid xsl:perform-sort element: xsl:perform-sort element with select attribute and non-empty content

39.153 XSLT-PIBODY
W3C XQuery Standard Equivalent: err:XTSE0880

**Message Text**
Invalid xsl:processing-instruction element: xsl:processing-instruction element variable1 with select attribute and non-empty content

39.154 XSLT-PUBLICIDCTX
W3C XQuery Standard Equivalent: err:XTDE1380

**Message Text**
unparsed-entity-public-id called with no context node

39.155 XSLT-PUBLICIDDOC
W3C XQuery Standard Equivalent: err:XTDE1380

**Message Text**
unparsed-entity-public-id called with non-document root node
39.156XSLT-QNAMELEXFORM
W3C XQuery Standard Equivalent: err:XTSE0020

Message Text
Invalid lexical form for QName

39.157XSLT-QNAMELEXFORM1
W3C XQuery Standard Equivalent: err:XTDE0820

Message Text
Invalid lexical form for name attribute

39.158XSLT-QNAMELEXFORM2
W3C XQuery Standard Equivalent: err:XTDE0850

Message Text
Invalid lexical form for name attribute: variable1

39.159XSLT-REGEX
W3C XQuery Standard Equivalent: err:XTDE1140

Message Text
Invalid regular expression

Cause
A user has specified a regular expression with incorrect syntax.

Response
Fix the regular expression's incorrect syntax.

39.160XSLT-REGEXFLAGS
W3C XQuery Standard Equivalent: err:XTDE1145

Message Text
Invalid regular expression flags

Cause
User has specified illegal flags for analyze-string instruction.
Response
Provide flags that the XSLT specification allows or remove them from the analyze-string instruction.

39.161XSLT-REGEXINTERNAL

Message Text
Internal error in fn/xsl analyze-string

Cause
xsl:analyze-string encountered an illegal element when it was expecting xsl:matching-substring or xsl:non-matching-substring instructions.

Response
Correct the syntax for the xsl:analyze-string instruction.

39.162XSLT-RESDOCTEMP
W3C XQuery Standard Equivalent: err:XTDE1480

Message Text
xsl:result-document not allowed in temporary output state

39.163XSLT-SORTBODY
W3C XQuery Standard Equivalent: err:XTSE1015

Message Text
Invalid xsl:sort element: xsl:sort element variable1 with select attribute and non-empty content

39.164XSLT-SORTKEYTYPE
W3C XQuery Standard Equivalent: err:XTTE1020

Message Text
Sort key value is a sequence with more than one item: variable1

39.165XSLT-SPACECONFLICT
W3C XQuery Standard Equivalent: err:XTRE0270

Message Text
Conflicting strip/preserve-space declarations found for node: variable1
39.166XSLT-SSNULLNSCHILD
W3C XQuery Standard Equivalent: err:XTSE0130

Message Text
Stylesheet cannot contain child elements with no namespace: variable1

39.167XSLT-SSPARAMAS
W3C XQuery Standard Equivalent: err:XTTE0790

Message Text
Invalid value coercion for stylesheet parameter: variable1 as variable2

39.168XSLT-SSTEXTNODE
W3C XQuery Standard Equivalent: err:XTSE0120

Message Text
Stylesheet may not contain text nodes: variable1

39.169XSLT-TABADQNAME
W3C XQuery Standard Equivalent: err:XTDE1428

Message Text
fn:type-available(): first argument isn't a valid QName

39.170XSLT-TEMPINITPARAM
W3C XQuery Standard Equivalent: err:XTDE0060

Message Text
Starting template has required parameter: variable1

39.171XSLT-TEMPLATEAS
W3C XQuery Standard Equivalent: err:XTTE0505

Message Text
Invalid template coercion: variable1 as variable2

39.172XSLT-TEMPLATENSRES
W3C XQuery Standard Equivalent: err:XTSE0080
**Message Text**
Template names may not be in a reserved namespace

39.173XSLT-TEMPLCONFLICT
W3C XQuery Standard Equivalent: err:XTRE0540

**Message Text**
Conflicting templates found for node: variable1

39.174XSLT-TYPEANDVALIDATE
W3C XQuery Standard Equivalent: err:XTSE1505

**Message Text**
Conflicting validation attributes: both type and validate attributes specified at variable1

39.175XSLT-UNBPRFX
W3C XQuery Standard Equivalent: err:XTSE0280

**Message Text**
Prefix variable1 has no namespace binding

39.176XSLT-UNDFUN
W3C XQuery Standard Equivalent: err:XTDE1425

**Message Text**
Undefined function variable1

39.177XSLT-UNDVAR
W3C XQuery Standard Equivalent: err:XPST0008

**Message Text**
Undefined variable: variable1

39.178XSLT-UNEXPECTED
W3C XQuery Standard Equivalent: err:XTSE0010

**Message Text**
Unexpected content in stylesheet: variable1
39.179XSLT-UNEXPECTEDATTR
W3C XQuery Standard Equivalent: err:XTSE0090

**Message Text**
Unexpected attribute: unexpected attribute `variable1` in XSLT or null namespace

39.180XSLT-UNEXPECTEDTEXT
W3C XQuery Standard Equivalent: err:XTSE0260

**Message Text**
Unexpected content in stylesheet: `variable1`

39.181XSLT-UNPRFXFUN
W3C XQuery Standard Equivalent: err:XTSE0740

**Message Text**
Stylesheet function names must have a prefix: `variable1`

39.182XSLT-UNSUPPORTED
W3C XQuery Standard Equivalent: err:XTSE0010

**Message Text**
Unsupported or unexpected instruction or declaration: `variable1`

39.183XSLT-USEANDCONTENT
W3C XQuery Standard Equivalent: err:XTSE1205

**Message Text**
Key has both use attribute and non-empty content: `variable1`

39.184XSLT-USEORCONTENTREQ
W3C XQuery Standard Equivalent: err:XTSE1205

**Message Text**
Key requires use attribute or non-empty content: `variable1`

39.185XSLT-VALIDATEBADDOCNODE
W3C XQuery Standard Equivalent: err:XTTE1550

**Message Text**
A validated document node must contain exactly one root element

**Cause**
An attempt was made to validate a document node that had more than one root element. Such a document is invalid.

**Response**
Fix the document so that it only has one root element.

**39.186XSLT-VALIDATEBADTYPE1**
W3C XQuery Standard Equivalent: err:XTTE1510

**Message Text**
Invalid node type: variable1 lexical value variable2 invalid for expected type variable3 at variable4 using schema variable5

**Cause**
Validation of an element failed in strict mode because the lexical value of the element was not permitted per the type definition.

**Response**
Fix the element to have valid content.

**39.187XSLT-VALIDATEBADTYPE3**
W3C XQuery Standard Equivalent: err:XTTE1515

**Message Text**
Invalid node type: variable1 lexical value variable2 invalid for expected type variable3 at variable4 using schema variable5

**Cause**
Validation of an element failed in lax mode because the lexical value of the element was not permitted per the type definition.

**Response**
Fix the element to have valid content.
### 39.188XSLT-VALIDATEBADTYPE4

W3C XQuery Standard Equivalent: err:XTTE1540

**Message Text**
Invalid node type: variable1 lexical value variable2 invalid for expected type variable3 at variable4 using schema variable5

**Cause**
Validation of an element failed when validating against a named type. This was because the element's lexical value was not permitted per the type definition.

**Response**
Fix the element to have valid content.

### 39.189XSLT-VALIDATEMISSINGATTR

W3C XQuery Standard Equivalent: err:XTTE1540

**Message Text**
Missing required attribute: Found variable1 but required variable2 at variable3 using schema variable4

**Cause**
Validation detected an element that was missing a required attribute.

**Response**
The instance is invalid. Add the required attribute to the element.

### 39.190XSLT-VALIDATENODECL

W3C XQuery Standard Equivalent: err:XTTE1512

**Message Text**
Missing element declaration: Expected declaration for node variable1 in non-lax mode using schema variable2

**Cause**
Validation failed because an element or attribute was found without a corresponding declaration. In some cases this can occur because an element somewhere within the subtree of the element was missing a declaration. This can be either because the schema is missing the declaration, the proper schema could not be located, or the element or attribute is incorrect (misspelled, for example).
Response
Fix the schema, the content, or the schema location as appropriate.

39.191XSLT-VALIDATEUNEXPECTED1
W3C XQuery Standard Equivalent: err:XTTE1510

Message Text
Invalid node: Found variable1 but expected variable2 at variable3 using schema variable4

Cause
Unexpected content (element, attribute, or text) was seen when validating an element in strict mode.

Response
Fix the content to be valid. Check the name of the element or attribute reported as unexpected, or remove the unexpected text.

39.192XSLT-VALIDATEUNEXPECTED3
W3C XQuery Standard Equivalent: err:XTTE1515

Message Text
Invalid node: Found variable1 but expected variable2 at variable3 using schema variable4

Cause
Unexpected content (element, attribute, or text) was seen in validating an element in lax mode.

Response
Fix the content to be valid. Check the name of the element or attribute reported as unexpected, or remove the unexpected text.

39.193XSLT-VALIDATEUNEXPECTED4
W3C XQuery Standard Equivalent: err:XTTE1540

Message Text
Invalid node: Found variable1 but expected variable2 at variable3 using schema variable4

Cause
Unexpected content (element, attribute, or text) was seen in validating an element against a named type.
**Response**
Fix the content to be valid. Check the name of the element or attribute reported as unexpected, or remove the unexpected text.

**39.194XSLT-VALUEOFBODY**
W3C XQuery Standard Equivalent: err:XTSE0870

**Message Text**
Invalid xsl:value-of element: xsl:value-of element variable1 with select attribute and non-empty content

**39.195XSLT-VARAS**
W3C XQuery Standard Equivalent: err:XTTE0570

**Message Text**
Invalid variable coercion: variable1 as variable2

**39.196XSLT-VARSRES**
W3C XQuery Standard Equivalent: err:XTSE0080

**Message Text**
Variable name may not be in a reserved namespace

**39.197XSLT-XMLNODE**
W3C XQuery Standard Equivalent: err:XTSE0165

**Message Text**
Server unable to build stylesheet from non-XML document

**39.198XSLT-XMLNS**
W3C XQuery Standard Equivalent: err:XTDE0925

**Message Text**
Cannot redefine xml namespace: prefix variable1: namespace URI: variable2

**39.199XSLT-XMLNSATTR**
W3C XQuery Standard Equivalent: err:XTDE0855
Message Text
Cannot redefine xml namespace

39.200XSLT-XMLPI
W3C XQuery Standard Equivalent: err:XTDE0890

Message Text
Processing instructions may not have the target 'XML'
40.0 Technical Support

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