

Appendix C: Error Messages

In the list of error code definitions below, the comment is the error message that is provided for the error code. The "ⁿ"s (⁰, ¹, etc.) in the comments show where the inserts would go. ⁰ is the first insert, ¹ the second, and so on.

GenericMessage

⁰

BadTocSize

TOC index table size out of range (⁰ <= range <= ¹)

NoSession

Unable to allocate session (task) global data

NoHandler

Cannot allocate space for handler for type \"⁰\"

BadWriteUse

Cannot do a CMOpenNewContainer(...⁰...) with useFlags set for update-in-place

NoContainer

Cannot allocate CCB space for type \"⁰\"

UndefMetaHandler

Metahandler was not defined for type \"⁰\"

HandlerError

Allocation problem while looking up handler for type \"⁰\"

NullMetaPtr

Null metahandler pointer for type \"⁰\"

UndefRoutine

Handler routine(s) missing for operation type(s): ⁰

NoTOC

Cannot allocate TOC for container \"⁰\"

BadReadUse

Cannot do a CMOpenContainer(...\"⁰\"...) with useFlags set for ¹

BadMagicBytes

Invalid magic byte sequence in label for container \"⁰\" - expected \"¹\", got \"²\"

BadVersion

Invalid version fields in label for container \"⁰\" - expected ².³, got ⁴.⁵

BadTOCRead

Incorrect byte length read while reading TOC for container \"⁰\"

NoObjEntry

Cannot allocate space for TOC object entry for container `\"^0\"`

MultDef

Multiple definition for TOC object `^0` for container `\"^1\"`

NoPropEntry

Cannot allocate space for TOC property entry for container `\"^0\"`

BadContinue

Invalid continued value (inconsistent types) in container `\"^0\"`

NoValueEntry

Cannot allocate space for TOC value entry for container `\"^0\"`

BadOffset

Invalid offset or value (`^0`, `^1`) for TOC value entry for container `\"^2\"`

UndefObjects

There is (are) `^0` undefined object(s) in container `\"^1\"`

NoStringValue

Cannot allocate space for constant value in container `\"^0\"`

DupBaseType

Cannot add dup base type `\"^0\"` to type `\"^1\"` in container `\"^2\"`

BadTOCWrite

Incorrect byte length written while writing TOC for `\"^0\"`

NotGlobalName

Have global name tied to value of wrong type in container `\"^0\"`

BadGNameWrite

Incorrect byte length written while writing global name `\"^0\"` in container `\"^1\"`

DupGlobalName

Duplicate global name definition for `\"^0\"` in container `\"^1\"`

MultGlblNames

Object `^0` already defined -- trying to redefine it for `\"^1\"` (container `\"^2\"`)

NoGlobalName

Cannot allocate space for global name `\"^0\"` in container `\"^1\"`

NoGNameLoad

Cannot allocate space for global name during load in container `\"^0\"`

BadGNameRead

Incorrect byte length read while reading global name in container `\"^0\"`

NotGName

Invalid global name string read in container `\"^0\"`

BadType

Invalid `^0` type passed to `^1` for container `\"^2\"`

2Containers

Objects not in same containers (containers `\"^0\"` and `\"^1\"`)

3Containers

Objects not in same containers (containers `\"^0\"`, `\"^1\"`, and `\"^2\"`)

MissingMinIDSeed

Min ID seed value missing in TOC object 1 in container `\"^0\"`

MissingTOCObj

TOC object ID 1 missing in TOC in container `\"^0\"`

NotConverting

Cannot use `CMDefineValueData` except for converting container `\"^0\"`

BadDefineData

Attempt to define offset (`^0`) out of range in container `\"^1\"`

BadValue

Attempt to use a deleted value in container `\"^0\"`

BadObject

Attempt to use a deleted object in container `\"^0\"`

BadContainer

Container for `^0` (`\"^1\"`) does not belong to the container being used (`\"^2\"`)

NoValue

No value defined for object ID `^0`, property `\"^1\"` in container `\"^2\"`

HasValue

Cannot set a (sub)value to an already defined value (container `\"^0\"`)

AlreadyReleased

Attempting to release a value already completely released in container `\"^0\"`

NotReleased

A dynamic value has not been fully released in container `\"^0\"`

MissingFreeTotal

Total free space value missing in TOC object 1 in container `\"^0\"`

DupType

Attempt to insert two values with the same type (`^0`) in container `\"^1\"`

HasNoValue

No value defined for `CMReadValueData` in container `\"^0\"`

BadWrite

Write error writing to container \<"^\0\"

CantWriteGlbl

Cannot write to a global name in container \<"^\0\"

Offset2Big

Write/insert offset (^0) beyond end of a value in container \<"^\1\"

Internal1

Internal error! Unknown flags setting (0x^\0)

MissingIDSeed

ID seed value missing in TOC object 1 in container \<"^\0\"

AmbiguousType

^\0 object is ambiguous in container \<"^\1\"

TypeNotGlobal

^\0 object is not for a global name in container \<"^\1\"

MissingFreeList

Internal error - empty free list for property in container \<"^\0\"

NoNewValueHandling

A \<"new value\)" handler is not defined for type \<"^\0\"

UndefReference

Object ID ^0 from a reference is undefined in container \<"^\1\"

BadObjectKind

Invalid kind of object -- expected ^0 in container \<"^\1\"

WriteIllegal1

Cannot write to a container (\^\0\)" opened for reading

WriteIllegal2

Attempt to write to a protected object in container \<"^\0\"

ReadIllegal

Cannot read from a container (\^\0\)" opened for writing

MissingSize

Size value missing in TOC object 1 in container \<"^\0\"

BadSize

Inconsistent size values between container label and TOC (container \<"^\0\)"

Internal2

Internal error! TOC offset to offset/size value not found in container \<"^\0\"

CantDelete1

Attempt to delete to a protected object in container `\"^0\"`

CantDelete2

Attempt to delete to a property with a protected value in container `\"^0\"`

CantDelete3

Attempt to delete to a protected value in container `\"^0\"`

StillOpen

Container `\"^0\"` is still open at session close time

EmptyRead

Cannot read from an empty embedded container value (container `\"^0\"`)

NoEmbedding

Cannot allocate space to save embedding status while opening container `\"^0\"`

BadGenNbr

Invalid generation number (`^0`) passed to `^1` (container `\"^2\"`)

NoRef

Cannot allocate space for an object reference in container `\"^0\"`)

CantGetBase

CMGetBaseValue() may only be called from a dynamic value handler in container `\"^0\"`

MultTypeProp

Attempt to register a `^0` name (`^1`) in container `\"^2\"` -- already defined as a `^3`

NotSameMode

Embedded container (`\"^0\"`) must be opened in same mode as its parent (`\"^1\"`)

CantDelete4

Cannot delete a value currently in use in container `\"^0\"`

MissingHandler

Memory allocator and deallocator handlers must be supplied

NoMissingBuffer

Unable to allocate private temporary buffer while opening type `\"^0\"`

MoveIllegal

Cannot move a value in a container (`\"^0\"`) not opened for writing

DeleteIllegal

Attempt to delete `^0` in a container (`\"^1\"`) not opened for writing

BadDefineType

Attempt to define additional data for a immediate value in container `\"^0\"`

NoExtensions

Cannot allocate space for TOC dynamic value entry for type `\"^0\"` in container `\"^1\"`

HandlerRecursed

Attempt to use dynamic value handler for `^0()` recursively in container `\"^1\"`

BadRealValue

Invalid base (`\"real\"`) value passed to `^0()` in container `\"^1\"`

NoMetahandler

A value operations metahandler is not defined for type `\"^0\"` in container `\"^1\"`

NotDynValue

A `\"use value\"` metahandler did not create a dynamic value in container `\"^0\"`

NoGlobalTable

Cannot allocate globally unique name table for container `\"^0\"`

BadMetaSpec

Invalid metadata format specification (`%^0`) for type `\"^1\"` in container `\"^2\"`

NoDeletesList

Internal error - empty `\"deletes\"` list for property in container `\"^0\"`

NoDataPacket

Cannot allocate space for data packet for type `\"^0\"` in container `\"^1\"`

BaseRelAttempted

A dynamic value release handler attempted to release its base in container `\"^0\"`

NoDynMetahandler

`\"Use value\"` handler for type `\"^0\"` in container `\"^1\"` MUST return a metahandler

MissingTotalSize

Total container size value missing in TOC object 1 in container `\"^0\"`

Internal3

Internal error! TOC offset to container value not found in container `\"^0\"`

AmbiguousUseFlags

Ambiguous updating useFlags passed to `CMOpenNewContainer (...\"^0\"...)` - `^1`

NoTypeHandler

Dynamic value type handler not defined for updating in container `\"^0\"`

NotDynamicValue

Dynamic value in container `\"^0\"` not created to access target for updating

NoMetaDataHandler

A `\"metadata\"` handler is not defined for type `\"^0\"`

NoDataBuffer

Cannot allocate space for data I/O buffer in container `\"^0\"`

BadUpdateRead

Incorrect byte length read while reading updates in container `\"^0\"`

BadUpdateWrite

Write error while writing updates in container `\"^0\"`

Internal4

Internal error! End-of-updates signal not detected in container `\"^0\"`

Internal5

Internal error! TOC offset to updates TOC subsection not found in container `\"^0\"`

NoNewValuesTOC

`\"New values\"` TOC offset/size missing in TOC object 1 in container `\"^0\"`

wrappedIDs

Too many objects in container `\"^0\"` or next user object ID > 0xFFFFFFFF

NoTouchedEntry

Cannot allocate space for recording updating operation in container `\"^0\"`

NoUpdateObject

Container `\"^0\"` updating -- cannot find object ID ^1 to be ^2

NoUpdateProperty

Container `\"^0\"` updating -- cannot find a property ID ^1 in object ID ^2 to be ^3

BadUpdateControl

Container `\"^0\"` updating -- unknown control byte read (0x^1, during ^2)

NoUpdateType

Container `\"^0\"` updating -- cannot find value (type ID ^1) in object ^2, property ^3

UndefUpdateObject

Container `\"^0\"` updating -- cannot find ^1 (ID ^2) to use in ^3

UpdateBadGenNbr

Container `\"^0\"` updating -- invalid generation number (^1)

BadInsertData

Container `\"^0\"` updating -- bad updating info (0 segment insert encountered)

BadInsertOffset

Container `\"^0\"` updating -- insert offset (^1) beyond end of a value

CantRepImmediate

Container `\"^0\"` updating -- attempt to replace non-immediate with immediate

CantRepBaseType

Container `\"^0\"` updating -- attempt to replace non-base type value with a base type

`CantReference`

Value and referenced object not in the same containers (containers `\"^0\"` and `\"^1\"`)

`CM_err_GlobalNameError`

Allocation problem while looking up global name `\"^0\"` in container `\"^1\"`

`CM_err_FlushErr`

Error detected in flushing output while closing container `^0`

`CM_err_CantDelete5`

Cannot delete an object with unreleased dynamic values in use in container `\"^0\"`

`CM_err_NoTOCBuffer`

Cannot allocate space for TOC I/O buffer in container `\"^0\"`

`CM_err_BadTOCCode`

Invalid TOC code read (`0x^0`) from TOC in container `\"^1\"`

`CM_err_TOCoutOfSync`

TOC reading out-of-sync (trying to read across buffer boundary) in container `\"^0\"`

`CM_err_TOCParseErr1`

TOC parse error - expected object ID, got `0x^0` in container `\"^1\"`

`CM_err_TOCParseErr2`

TOC "parse" error - got `0x^0` at an unexpected time in container `\"^1\"`

`CM_err_Unsupported1`

8-byte offset in container `\"^0\"` are not supported in this implementation

`CM_err_CantDelete6`

Cannot delete an object currently in use in container `\"^1\"`

`CM_err_AlreadyReleased2`

Attempting to release an object already completely released in container `\"^0\"`

`CM_err_BadRefRead`

Read error while reading references in container `^0`

`CM_err_Internal6`

Internal error! Missing reference property or value in container `\"^0\"`

`CM_err_ZeroRefKey`

Attempt to use a `CMReference` key of 0 in container `\"^0\"`

`CM_err_NoRefShadowList`

Cannot allocate space to record reference in container `\"^0\"`