CA Gen

Message Reference Guide

Release 8.5

Second Edition

CA Technologies Product References

This document references the following CA Technologies products:

- CA Gen

Document Changes Summary

The following documentation updates have been made since the last release of this documentation:

- Runtime Messages (see page 129)—Added new runtime for external calls and LOB API calls.

Contact CA Technologies

Contact CA Support

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Chapter 1: Toolset Messages

This section contains the following topics:

General Error Messages

\<variable\> has subordinate attribute views. Attribute views cannot be promoted.

The object to delete is an entity view, work view, or group view. The parent must exist to promote attributes of these views.

\<variable\>s has been cancelled by the operator.

You interrupted the transformation or retransformation operation. The process will not complete. You must restart the process to complete transformation or retransformation.

\<variable\> is contained in one/or more matrix, Deletion of object will cause matrixes to be deleted.

Deleting a user–defined object also deletes the matrices that contain the object.

\<login ID\> is currently using the model \<variable\>. Do you wish to open it with READ ONLY restrictions?

The person who has \<login ID\> already has the model open. You can open the model with limited options. READ ONLY disables all options that modify the model. Only options that allow viewing the model are available. If the Model List Box did not indicate this model was in use, the model was opened after the list displayed and you may want to answer No and re-select Model Open from the main window.

\<variable\>s may not be added via this matrix.

You must add this object from another matrix, or from a tool other than the Matrix Processor.

\<variable\>s may not have their descriptions updated via this matrix.

You must edit the description for this object from another matrix, or from a tool other than the Matrix Processor.

\<variable\>s may not have their names updated via this matrix.

You must edit this object's name from another matrix or from a tool other than the Matrix Processor.

<variable>s was not run because of Consistency Check errors. <variable>s Consistency Check report.

Consistency Check errors prevented transformation or retransformation. Review the errors in the Consistency Check report file, correct the errors, and retry the transformation or retransformation.

A bad exit code was given to ifexit.

During termination processing handed an invalid code to the termination routine.

Report the error and the conditions that caused it to Technical Support.

A command/synonym with that name already exists.

The user-defined name for an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. However, an organization and a procedure step can have the same name because the procedure step is in the Business System area.

A field by this name already exists within the record.

Field names must be unique in a record. Type a unique name.

A field name exceeds the length that specified DBMS allows.

Reduce the field name to a length that is within the specified data base management system limit.

A file write error occurred. Try closing as many windows as you can, then execute the Save Model command. If the error persists, a hardware fault may be responsible.

An error occurred during the save process. Several things could cause the problem including hardware problems with the disk drive, an operating system malfunction, or too many files open.

Close open files before proceeding.

A file write error occurred. Try closing as many windows as you can, then select 'OK' to continue the up load operation. If the error persists, a hardware fault may be responsible.

An error occurred as the model was updating. Several things could cause the problem including hardware problems with the disk drive, an operating system malfunction, or too many files open.

Close open files before proceeding with Update and Check In.

A general OS error has occurred, please communicate this message to CA Gen support.

Contact Technical Support to report this error message and the activities that preceded the message.

A permitted value selected for deletion is defined as the default value.

Select Yes to delete the default. When you delete the default value, no default is defined for the attribute and the permitted value is not defined as a permitted value.

Select No to keep the permitted value and maintain the same default value.

A primary window already uses that name.

Duplicate names are not allowed in the model. Type a unique name or delete the existing primary window.

A record by this name already exists.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. However, an organization and a procedure step can have the same name because the procedure step is in the Business System area.

A table by this name already exists.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. However, an organization and a procedure step can have the same name because the procedure step is in the Business System area.

A template has been selected for delete.

At least one of the fields to delete is included in a template, causing the entire template to be removed from the screen.

Select Yes to remove the template from the screen.

A valid entry is either a single value or a range.

Enter a single value, for example, 10, or a range, as in 10 – 15.

Select No to preserve the template on the screen.

A valid group of statements must already have been selected in another action diagram prior to the XCopy command.

The group of statements you want to copy must be highlighted when you select XCopy. As you selected an action or chained to the second action block, you unselected the group of statements.

Repeat the copy process again. You can use the Tile option to display the action diagrams or procedure steps side-by-side.

To use XCopy: Select line or lines in the procedure logic to copy and select a position in the procedure or action block to receive the copied lines. Select XCopy from Edit Window.

Access to path or file is denied. Cancelling here.

CA Gen cannot access the specified file. Verify that the path is valid, and that the directory and file have write access.

Selecting Cancel ends CA Gen execution.

Access to path or file is denied. Cancelling here stops execution of the current task.

CA Gen cannot access the specified file. Verify that the path is valid and that the directory and file have write access.

Selecting Cancel ends the current task without exiting CA Gen.

Action block name is not unique.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. However, an organization and a procedure step can have the same name because the procedure step is in the Business System area.

Action block statements are not displayed because action block was not expanded in the subset.

The action block was not expanded before checking it out.

To view the statements, check in the subset, redefine the subset, and check it out.

Action diagram must contain exactly one entity view.

The procedure or procedure step contains views of more than one entity type. The Copy with Substitution action requires a procedure or procedure step with only one entity type.

Copy a different procedure or procedure step that contains views of only one entity type, or create a new action diagram using the Add Procedure or Add Procedure Step actions.

Activity is incompatible with selected new parent. Modify activity?

Change Parent assigns a selected activity and its subordinates to a different function or non-elementary process. When the selected activity differs from the new parent's subordinates, the activity must change. The selected activity changes to a function or process, based on the type of activities that are subordinate to the new parent.

Select OK to modify the selected activity.

Activity is not an elementary process. Do you want to join?

Information engineering methodology suggests that an information view line join only external objects and elementary processes. CA Gen lets you join external objects to activities that are not elementary processes.

Select Yes to join the external object and activity with an information view line.

Select No to avoid joining the external object and activity.

Select Cancel to avoid changing the parent.

Algorithm name is too long.

The name of the default algorithm exceeds the 32-character limit.

Type a name that contains 32 characters or less.

All permitted values longer than the new length will be deleted.

When you change the length of the attribute, CA Gen deletes permitted values that do not conform to the new length.

Select Yes to change the attribute length and delete values that exceed the length.

Select No to preserve the attribute length and leave permitted values intact.

All permitted values now invalid with new position of decimal will be deleted.

Changing the number of decimal places for the attribute means that a permitted value that fails to meet the requirements is removed.

Select Yes to change the number of decimal places for the attribute and remove any permitted values that do not conform to the new length.

Select No to preserve the number of decimal places.

All permitted values will be deleted. Length is greater than maximum.

The attribute length exceeds the maximum allowed for permitted values, 32 characters for text and 18 digits for numbers.

Select Yes to change the attribute length and delete the permitted values.

Select No to preserve the permitted values and the attribute length.

All TEXT fields in DSL will be changed to VARCHAR.

Selecting Yes converts all CHARs, TEXT fields in DSL, to VARCHARs. This option is valid only if you selected Oracle as the DBMS Type on the Data Structure Defaults pop-up.

To convert on a case-by-case basis, highlight the data object and select Detail, Properties, Varchar.

Note: If you are migrating from an IEF52/Oracle 6 database to an IEF53/Oracle 7 database, select batch or field conversion to avoid major database reorganization.

Important! All VARCHAR fields associated fixed–length text attribute in DSL are changed to CHAR.

Selecting Yes converts all VARCHAR fields associated with fixed-length text Attributes in DSL to CHARs. This option is only valid when you chose Oracle is the DBMS Type on the Data Structure Defaults pop-up.

To convert on a case-by-case basis, highlight the data object and select Detail, Properties, Text.

Note: If you are migrating from an IEF52/Oracle 6 database to an IEF53/Oracle 7 database, select batch or field conversion to avoid major database reorganization.

All views for layout have been made hidden!

All export views are marked hidden and you cannot place them on the screen.

To show the view, select it in the Export Views Placement List. With the view highlighted, select the Hide button. The Hide button hides and unhides the view.

An entity type, subtype, or work set with this name already exists.

Duplicate names are not allowed in the model. Type a unique name.

An entry point by this name already exists.

The user-defined name for an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. However, an organization and a procedure step can have the same name because the procedure step is in the Business System area.

Another user is currently running generation. You will not be allowed to SAVE any changes you may make to the default values displayed.

Generation is running on another workstation, or generation is running on your workstation in a different model.

Changes to default values cannot be saved in the CA Gen configuration file until the generation process completes. The changes can be saved locally while the generation is running.

Wait until the generation process completes and save the new default values.

An unknown type of error has occurred, please communicate this message to CA Gen support.

Contact Technical Support to report this error message and the actions that preceded the error message.

Any edit field blank is invalid.

CA Gen does not permit blanks in edit fields. Enter a valid value.

Are you sure you do not want a default value?

When you omit the value when creating an entity, CA Gen automatically assigns default values to all attributes that require a value. If you remove the default value, you must explicitly set the value for the attribute.

Are you sure you want to remove the association between the derived attribute and the derived algorithm <variable>?

You selected to remove the default algorithm action block associated with this attribute. To delete the association and retain the action block, select Yes.

To cancel and keep the association, select No.

Attribute already exists for identifier.

This message occurs when you select multiple attributes and one is an identifier. An attribute assigned to the identifier was highlighted when you selected the Add or Apply button. You can only assign an attribute to an identifier once.

Unselect the attribute assigned to the identifier.

Attribute is derived.

Derived attributes cannot be identifiers.

To change the attribute's category, select the Prop button. Select Basic from the Category list.

Use the Identifiers pop-up window to designate the attribute as an identifier.

Attribute is not mandatory.

The selected attribute is optional. Only mandatory attributes can be identifiers.

To change the attribute's optionality, select the Prop button. Leave the Optional check box empty to indicate the attribute is mandatory.

Use the Identifiers pop-up window to designate the mandatory attribute as an identifier.

Attribute length exceeds allowed maximum value.

The maximum length of an attribute for a numeric domain is 18.

Attribute name is not unique.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. However, an organization and a procedure step can have the same name because the procedure step is in the Business System area.

Attribute name may not be blank.

A name is required.

Type a name or select Cancel.

AUDIT file replay manually terminated!

You stopped the replay of the audit log before the end of the recorded actions.

Bitmap already exists. Do you wish to replace it?

You are attempting to import a file with a name that matches a bitmap file name in the BITMAP subdirectory of the model's directory.

Select Yes to replace the existing file with the imported file.

Select No to preserve the existing file. To proceed, change the name in the To Bitmap Name field and select OK.

Bitmap is currently used by a control or window. Delete it anyway?

You are attempting to uninstall the selected bitmap from the Installed Bitmaps selection list and delete the corresponding files from the BITMAP subdirectory of the model's directory. The selected bitmap is a background, picture, or button.

Select Yes to uninstall the selected bitmap. This action also deletes the corresponding files of the selected bitmap from the BITMAP subdirectory. If you select this option, you must resolve the internal references by redefining the affected properties or replace the deleted bitmap with another one that has the same name.

Select No to preserve the selected bitmap.

Blank action block name is invalid.

You typed characters into an inactive input field. Some execution environments let you put the cursor in an inactive field and type. When you press OK, the characters are invisible to the application. To activate the field, place the cursor on it and click the mouse button.

Blank model name is invalid.

All models require a long model name that becomes the Host Encyclopedia Name. The name can contain up to 32 characters.

Both entity types have not been implemented as records.

Before implementing a relationship between two entity types, you must implement the entity types.

Business system's Commands are used in Action Blocks.

The business system cannot be deleted because it contains commands used by another business system.

By selecting 'Value is default', the default algorithm will be replaced by the default value <variable>. Do you want to continue?

You entered a default value and a default algorithm already exists. To delete the association between the action block and the attribute, select Yes. The value becomes the default.

To cancel this entry and keep the algorithm action block as the default, select No.

Cannot access the model control file.

The file identified in the message is not accessible. It could be missing, marked hidden, or not accessible for another reason.

Download the model again, or use a backup version of the model.

Cannot change field format. Conflicts with the attribute domain.

Use a field format that is consistent with the attribute's domain. For example, use a date format for a date value attribute.

Cannot change parent of <variable> because group views are not permitted in the Entity Action subset.

The index property must be the same for the parent and subordinate group view.

Use the Detail Group View properties pop-up window to change the index property, implicit or explicit, of the subordinate view or new parent view.

Cannot change parent of <variable> because imports and exports cannot change view sets.

When you change the parent of a view, the old parent and the new parent must be in the same view subset, with these exceptions:

- A local view can be assigned to a new parent in the export view subset.
- An entity action view can be assigned to a new parent in the import or export view subsets when the view IS NOT used in a procedure step.
- An entity action view can be assigned to a new parent in the import or export view subset when the new parent IS NOT a repeating group view.

Other guidelines regarding views include:

- The parent of a view cannot be changed if the view is protected.

- External action blocks have only import and export views.

- Work views are not allowed in the Entity Action subset.

- Group views are not allowed in the Entity Action subset.

- A new parent must be another view; the view being moved cannot be its own parent.

Cannot change parent of <variable> because the selected parent is a subordinate of this view.

The view you selected as the new parent is subordinate to the view you want to move. This is not allowed. Select a new parent that is not subordinate to the view you want to move.

Cannot change parent of a subset.

You can change the parent of some views, but you cannot change the parent of a view subset.

Cannot change parent. Invalid parent type for object was selected.

You can only select valid parent types when changing an object's parent. These are the valid parent types:

- Entity type parent is a subject area or a partitioning

- Partitioning parent is an entity type or a subtype

- Subtype parent is a subject area or a partitioning

- Subject area parent is a subject area

Cannot change parent. Object cannot be demoted within itself.

You can only select valid parent types when changing an object's parent. These are the valid parent types:

- Entity type parent is a subject area or a partitioning

- Partitioning parent is an entity type or a subtype

- Subtype parent is a subject area or a partitioning

- Subject area parent is a subject area

Cannot cluster matrix. The following matrix must also be scoped for Delete: <variable>.

The Cluster action for the Elementary Process/Entity Type Matrix requires that you check out the Elementary Process/Elementary Process matrix with Delete usage.

Cannot cluster matrix. The following matrices must also be scoped for Delete: <variable> and <variable>.

The Cluster action for the Business Function/Entity Type Matrix requires that you check out the following matrices with Delete usage:

- Business Function/Business Function

- Entity Type/Entity Type

Cannot copy <variable> because group views are not permitted in the Entity Action subset.

The Entity Action View subset contains only entity views. Work views and group views are not permitted in the Entity Action subset.

Cannot copy <variable> because the repeating group maximum nesting level would be exceeded.

CA Gen limits the number of repeating group views within a repeating group view. The group view you are adding to the parent repeating group view exceeds the maximum.

You can change a subordinate repeating group view from repeating to non-repeating because there is no limit for the number of non-repeating group views.

Cannot copy over a protected action block.

The destination action block is checked out as part of a subset. The subset protection rules prevent you from changing the action block by copying over it.

If you have the subset checked out, check it in and check it out again with delete or modify authority.

Cannot copy over a protected action that is used.

Another action block or action diagram using the action block.

Select a new or a different action block.

Cannot delete <variable> because it is the classifying attribute for a view that cannot be deleted.

The view you are attempting to delete is associated with one or more subtype views. The classifying attribute view cannot be deleted because it is protected in a subset or used in a screen.

Cannot delete <variable> because it is the classifying attribute for another view.

The view you are attempting to delete is associated with one or more subtype views. You must delete the subtype view before deleing the classifying attribute view.

Cannot delete <variable> because it is used in a Screen group item.

The object to delete is used in a screen. Modify the screen by removing the view of the object before deleting the view.

Cannot delete <variable> because it is used in an action diagram expression.

The view is used in an expression in the action diagram. Delete the expression from the action diagram before deleting the view.

Cannot delete <variable> because it is used in an action diagram statement.

The view is used in a statement in the action diagram. Delete the statement from the action diagram before deleting the view.

Cannot delete <variable>. It is either placed on a window or mapped.

The attribute view cannot be deleted because it appears on a screen or is mapped to a screen.

Remove the view from the screen or unmap it before attempting to delete it.

Cannot delete because association between <variable> and its parent is protected.

A protection violation was detected. Check the delete access defined in the model subset.

Cannot delete due to storage group is in use.

The storage group to delete is in use.

Cannot delete permitted value that is displayed on a window.

A permitted value cannot be deleted if it is used on a window in Window Design.

Delete the value from the window before deleting the permitted value.

Cannot delete, attribute is referenced in a view.

A procedure, process, or action diagram is using the attribute you are attempting to delete.

Before deleing the attribute, delete all usages of the view and delete the view.

Cannot delete, entity type is referenced in a view.

A procedure, process, or action diagram is using the entity type you are attempting to delete.

Before deleting the entity type, delete all usages of the view before deleting the view.

Cannot deselect classifying attribute that controls a selected attribute.

To deselect a classifying attribute, first deselect the highlighted subtype attribute.

Cannot fit all repeating groups on one line.

Auto Layout places one repeating group view on one line. The length of the repeating group view exceeds the length of the line.

Add the field manually, or adjust the attribute length in the repeating group view.

Cannot fit the screen field <variable> on one line.

The field exceeds the screen width. Shorten the field or put it on two lines.

Cannot fit the screen field <variable> on one line.

The maximum length of the prompt and its field is 78 columns when using Auto Layout. Prompts and fields longer than 78 columns are not automatically added to the screen. Adjust the length of the field or add the field manually.

Auto Layout continues to prompt you for the placement of other attributes in the export view. When Auto Layout is complete, you can add the long field manually.

Type a unique name or delete the existing name.

Cannot handle nested repeating groups.

A nested repeating group view cannot be used in Auto Layout. Add the view to the screen manually.

Cannot include batch steps from different procedures.

When adding procedure steps to batch jobs, the steps must belong to the same procedure.

Cannot move a classifying attribute to another entity or subtype.

Attributes can be moved within a given entity type if the attribute is not an identifier and it is not associated with a partitioning of the entity type.

To move an attribute that is associated with a partitioning, remove its status as the classifying attribute. Perform the Move and reselect a classifying attribute for the partition.

Cannot move protected attribute.

The attribute is checked out as read-only. To modify the attribute, check in the subset and check it out with Delete usage on the attribute and related entity types and subtypes.

Cannot move, attribute is used in an action diagram.

You have selected to move an attribute into a new entity that already includes this attribute, for example, in a view or action diagram.

To find where this attribute exists, run Where Used. To access from a Data Modeling tool, highlight the attribute and select Detail, Where Used. Remove all references to this attribute and attempt the move.

Cannot move, would cause duplicate relationship or attribute names.

You cannot move this entity because doing so would create two relationships with the same name or create two attributes with the same name.

To find where this entity is used, run the Relationship Uses or Attribute Uses Report. Change the name of one relationship or attribute and then attempt the move.

Cannot move, would invalidate view.

You cannot move this entity because doing so creates an invalid view.

Cannot move. The attribute is used as an identifier.

Attributes that are not identifiers and are not associated with a partitioning of the entity type can be moved from one entity type to a subtype within that entity, or vice versa. The identifier is the unique characteristic that distinguishes one occurrence of an entity type from other occurrences.

To move the attribute to a subtype within the entity type, remove it from the identifier of the attribute's parent. Move the attribute and if necessary, add it to the identifier of the subtype.

Cannot promote <variable>.

You can change the parent of some views, but you cannot change the parent of a view subset.

Cannot promote <variable> because attribute views cannot be promoted.

The view cannot be promoted.

Cannot rename model. Model directory contains work files.

You cannot rename a model when temporary work files exist in the directory.

Reset the work path. Select Options, Paths.

Cannot set property for procedure steps.

You cannot select the check box for procedure steps.

Cannot transfer. Attribute belongs to identifier.

You cannot transfer an attribute from one entity type to another that is part of an identifier. Remove the attribute from the identifier or copy the attribute.

Cannot transfer. Attribute has associations with other objects.

You cannot transfer an attribute from one entity type to another if any of the following apply to the attribute:

- It is a classifying attribute

- It is used in a view

- It has a default algorithm

Copy the attribute and delete the unwanted attribute.

Cannot transfer. Attribute is derived.

You cannot transfer attributes with a category of Derived. Change the attribute category or copy the attribute, and delete the unwanted attribute.

Cannot use existing BAA act. blk. Name conflicts with procedure step.

The action block name is assigned to an existing procedure step and action block. When a procedure step is created, CA Gen automatically creates an action block with the same name.

Type a unique name.

Cannot use short model name.

A unique model name is required.

To view a list of names currently used, select Model Open.

Cannot write copy file <variable>.

A file write error occurred. Verify that enough disk space is available. Investigate possible hardware problems.

Can't create the new model directory.

Access is denied to the new directory for the model.

Verify that the path is valid and correct, and that the directory is not read-only.

Can't create the new model directory.

The model directory cannot be created in the specified path.

Verify that the path is correct. To do so, select Options, Path.

CASE already exists for this value.

The CASE OF statement already contains the selected constant values.

Select another value for the CASE statement.

Changes to long model name will not be made permanent until model is saved.

Although you can change the long name of the model, CA Gen does not record the change until you save the model.

Changing the cardinality will reset relationship properties (e.g. ,min, max, and etc).

When the cardinality of a relationship membership changes, it affects the following properties on the Source or Destination Properties pop-up window:

- Minimum number of occurrences

- Average number of occurrences

- Maximum number of occurrences

Changing the cardinality of the relationship membership from One or More to One automatically resets the Minimum, Maximum, and Average to one.

Select Yes to change the cardinality of the relationship membership.

Select No to avoid changing the cardinality of the relationship membership.

Changing the cell value to blank will cause the cell to be deleted. Continue?

Select OK to delete the cell value or Cancel to abort the change.

Changing the optionality will reset relationship percentage property.

When the optionality of a relationship membership changes, it affects the percentage of occurrences on the Source or Destination Properties pop-up window. Changing the optionality from Sometimes to Always on the Relationship Properties panel resets the percentage of occurrence to 100% on the Source or Destination Properties panel.

Select Yes to change the optionality of the relationship membership.

Select No to avoid changing the optionality of the relationship membership.

Changing the optionality will reset the deletion rule for the destination to the default.

The deletion is set to "no rule selected" when the optionality for a relationship changes.

Select Yes to change the optionality and set the deletion rule to no rule selected.

Select No to disregard the change.

Changing the optionality will reset the deletion rule for the source to the default.

The deletion is set to no rule selected when the optionality for a relationship changes.

Select Yes to change the optionality and set the deletion rule to no rule selected.

Select No to disregard the change.

Character string length has exceeded the maximum length.

You are attempting to enter more characters or digits than allowed. Reduce the length of the entry.

Classifier cannot be a derived attribute.

You cannot set the category of a classifying attribute to derived. Remove the classifying attribute or change the category of the attribute.

Client/Server Encyclopedia did not complete option.

Check the Client Server Encyclopedia to determine why it could not complete its task.

Client/Server Encyclopedia is selected as default, but the software is not in its expected path.

The Client Server Encyclopedia is defined as the default for encyclopedia transactions. When the software started, it failed to locate the encyclopedia.

Check the installation of the Client Server software or reset the encyclopedia selection under Options to Host.

Close other windows that may be accessing the file (e.g., reporting, file utilities) and initiate the task again.

The file listed cannot be accessed.

Command not enabled! Model changed since log created.

You could not execute the command because you changed the model since the time you recorded the audit log. If a copy exists of the model at the time of the recording, replay the audit log against that copy.

Consistency Check cannot be performed because of errors during the initial setup of consistency checking.

The Consistency Check could not be run because errors were detected trying to create, open, or access the Consistency Check report file.

Copy action block <variable> to action block <variable>?

Copying an action block to another action block results in two identical action blocks.

Select OK to copy the action block.

Select Cancel to avoid copying the action block.

Create a new model from this subset?

Select Yes to create a new model from the subset. CA Gen creates a new transaction file from the current model subset and sends the new file to the host.

Select No to avoid creating a new model from the subset.

Current Identifier item to find:

Type the name of the identifier you want to locate.

DASD volume already exists in current storage group.

A DASD volume with the name you entered exists in the current storage group. Duplicate names are not allowed in a storage group. Type a unique name.

Delete <variable>?

Select Yes to delete the view.

Select No to preserve the view.

Delete <variable>s?

The object in the message is about to be deleted from the model.

Answer Yes to delete the object.

Answer No to preserve the object.

Delete <variable> and all its subordinates?

Select Yes to delete the view and all of its subordinates.

Select No to preserve the views.

Delete <variable> and promote its subordinates?

Select Yes to delete the view and promote its subordinates.

Select No to preserve the view and its subordinates.

Delete all the selected DASD volumes off current storage group?

Select Yes to delete the highlighted DASD volumes from the current storage group.

Select No to preserve the highlighted DASD volumes.

Delete all the subordinates of <variable>?

Select Yes to delete the view's subordinates.

Select No to preserve the view's subordinates.

Delete the selected files?

You are attempting to uninstall the selected bitmap from the Installed Bitmaps list and delete the corresponding files from the model's BITMAP subdirectory. You must confirm a deletion to complete it.

Select Yes to uninstall the selected bitmap, the bitmap's corresponding files in the BITMAP subdirectory, the .PPM file, and the file initially imported, if it is different.

Select No to preserve the files.

Delete the selected object <variable>?

Confirm or cancel the deletion.

Delete the selected object <variable>s?

The object named or referenced in the message is about to be deleted from the model.

Answer Yes to delete the object.

Answer No to preserve the object.

Delete the selected objects?

Highlight the action blocks to delete and select Delete.

Select Cancel to preserve the action blocks.

Delete the selected objects?

This confirmation message identifies one or more objects to delete.

Select Yes to delete the selected object.

Select No to preserve the selected objects.

Delete the selected objects? Note: Deleting the toolbar or status bar deletes its contents.

You chose to delete a status bar or a toolbar. If you continue with the delete process, CA Gen also deletes the contents of the status bar or toolbar.

Select Yes to delete the selected objects and their contents.

Select No to preserve the objects. You can move the contents you want to save before deleting the toolbar or status bar.

Delete the selected objects? Note: The dialect windows will also be deleted.

Select Yes to delete subordinate windows or dialogs in the dialect of the selected procedure step.

Select No to preserve subordinate windows and dialogs.

Delete the selected objects? Note: The import/export view mapping will not be deleted.

The field you selected to delete is an attribute view that has an import and export view mapping. When you delete the field, the mapping is preserved. It appears in the field design view list with an h to indicate it is a hidden field. You can also delete this mapping through View Mapping by unmapping the deleted field's view.

Select Yes to delete the selected attribute view.

Select No to cancel the delete process.

Delete the selected screen field(s)?

Select Yes to delete the highlighted fields.

Select No to preserve the highlighted fields.

Deleting one of the last two relationships causes the following to be deleted also:

A mutually exclusive constraint requires at least two relationships. When CA Gen deletes one of the last two relationships, it automatically deletes the mutually exclusive constraint.

Select Yes to delete the mutually exclusive constraint.

Select No to preserve the mutually exclusive constraint.

Deleting the last item for the identifier causes the following identifier to be deleted also:

An identifier that is an entity type requires at least one attribute or relationship membership. When CA Gen deletes the last attribute or relationship membership, it automatically deletes the identifier.

Select Yes to delete the attribute or relationship membership and the entity type's identifier.

Select No to preserve the last attribute or relationship membership and the identifier.

Deletion of selected objects can continue. Do you want to proceed?

You can continue deleting objects, or select a different action.

Select Yes to continue deleting objects.

Select No to end the task and select a different action.

Directory does not exist. Do you wish to create it?

You are attempting to export a bitmap, but the target directory does not exist.

Select Yes to create the directory in the specified path and export the file.

Select No does not create the directory and stop the export attempt.

Double Byte Field display length must be an even byte count.

Make sure the field length has an even numbered byte count.

Do you want the old default algorithm action block <variable> to be deleted?

The old default algorithm action block is no longer in use as an algorithm.

To delete it, select Yes.

To keep the action block, select No.

Do you want to continue?

You can continue deleting objects, or select a different action.

Select Yes to continue deleting objects.

Select No to end the task and select a different action.

Do you want to discard changes to model <variable>s and load the last saved version?

You chose to open the same model that is active in this session.

Select Yes to replace the currently loaded model files with the saved files.

Select No to cancel the model open.

Do you want to save model <variable>?

Select Yes to save the model.

Select No to exit CA Gen without saving the model.

Select Cancel to return to the Model Window without saving the model.

Duplicate Name, Enter a different name.

The same name cannot be used for two different objects in the model. Enter a unique name.

Duplicate value or value within a previously entered range.

You are adding a single, permitted value that already exists or overlaps with a previously defined range. Change the single value or modify the range.

Each <variable> must be associated with at least one <variable>.

Add the object identified in the message.

Either an import view or an export view must be selected.

A view is required to link a procedure step to a screen. Select an import view or an export view.

Enter Command or Synonym to find:

Type the command or synonym to locate.

Enter Data Element to find:

Type the category of data to locate.

Enter Expected Effect to find:

Type the name of the expected effect to locate.

Enter External Object to find:

Type the name of the external object to locate.

Enter name to search:

Type the name to locate.

Enter Object Name to find:

Type the name of the object to locate.

Entry points to link records may not be deleted.

CA Gen does not permit you to delete entry points to link records.

Errors were found in the Data Model. Transformation has been cancelled.

Transformation requires a consistent data model. Refer to the Consistency Check report to identify inconsistencies.

Event already exists. Do you want to reuse?

The selected event appears in the diagram. CA Gen permits an event to occur more than once in a diagram.

Select OK to use the event again.

Select No to not use the event.

Exit state selected already causes a flow from the procedure step.

This exit state is already being used. An exit state can only be used once when flowing from the same procedure.

External object is already used in this diagram.

The external object you selected appears in the diagram. Select an object that does not appear in the diagram.

Although an external object can be used in more than one diagram, an object can be used only once in each diagram.

Field attribute length is 0 and may not be placed.

In the data model, since the attribute length is zero CA Gen cannot display the attribute. Set the display length to a value other than zero.

Field has been already positioned.

The field you are attempting to place already exists on the screen. Choose another field for placement.

Field has been included in template.

You cannot place the selected field because it exists in the template for this screen. Choose another field for placement.

Field length cannot exceed custom edit pattern length.

The field length you entered is greater than the custom edit pattern set for the field. Change the field length.

Field length may not be changed to zero.

The field length must be between 1 and 255, inclusive. The software does not accept zero or a number greater than 255.

File <variable> is already being accessed by another process and cannot be shared. A cancel here will exit CA Gen. Terminate the other processes which are using the file, the press Retry.

CA Gen cannot access the file. If you cannot stop the other processes using the file, you must select Cancel to continue. Selecting Cancel exits CA Gen without saving changes.

File <variable> is already being accessed by another process and cannot be shared. Cancelling here stops the work progress. Terminate the other processes which are using the file, then press Retry.

CA Gen cannot access the file. If you cannot stop the other processes using the file, you must select Cancel to continue. Selecting Cancel stops the current process without exiting CA Gen.

File could not be opened.

An application in a different window could be using the file. If so, close the other application before continuing.

File exists. Do you wish to replace it?

Duplicate names are not allowed in the model.

Select Yes to overwrite the existing file.

Select No to preserve the existing file.

File name may not be blank.

You typed characters into an inactive input field. Some execution environments let you put the cursor in an inactive field and type. When you press OK, the characters are invisible to the application. To activate the field, place the cursor on it and click the mouse button.

File name was not found.

You are attempting to import a bitmap file.

The name in the Import/Export File field does not exist in the designated path. Press Enter.

To proceed, verify the accuracy of the path, the file name, and the file extension. If you don't know some of these values, click the Browse button to invoke the Select Bitmaps panel to select the file to import.

File Open for Consistency Check failed. You may have too many files, or windows open at this time. Close some windows or files, and try again. Else you are missing the data file.

A file could not be opened for Consistency Check. Close as many windows as possible. Press Retry to proceed.

If the error continues, the data file is missing. Download the model again, or use a backup version of the model.

First value added must be default or range must contain default value.

When permitted values exist, the default value must be included in the permitted values.

Change the permitted values so that the default value is included in a range or is the first value specified.

For a one-to-many relationship, the membership with cardinality of 'One' cannot be referencing.

If the relationship cardinality is one-to-many, the membership with cardinality of One must be Modifying.

Select Modifying for the membership with cardinality of one.

For a one-to-one relationship, only one membership can be designated as referencing.

If the relationship cardinality is one-to-one, only one side of the relationship can be Referencing. At least one membership must be Modifying.

Select Modifying for at least one membership.

Generation has failed for <variable> object(s). Continue with install process?

Generation is complete for one or more objects. <variable> indicates how many objects failed to generate.

Select OK to continue with the Install process.

Select Cancel to end the Install process.

Generation of action blocks with different environment parameters may yield unpredictable results during install. Limit generation and install to a single set of Operating System, DBMS, and Language selections at a time.

The model for which you attempted to generate code contained business systems defined with different environment parameters. All business systems in a model must be defined with the same parameters for Operating System, DBMS Type, and Language.

Determine the correct Environment Parameters. Detail the Properties for each business system in the model and make the necessary changes to ensure consistency. Retry code generation.

The Action Block entries marked for generation, Trace or Code, in the Generation Diagram belong to Business Systems with different environment parameters and override was not indicated.

You can generate Action Blocks from multiple Business Systems if the Business Systems are defined with the same parameters for Operating System, DBMS, and Language, or you specify a set of overriding parameters to use for generation. For example, if the business system containing one of the selected Action Blocks uses z/OS, DB2, and COBOL, all other Action Blocks selected for code generation together should be defined to business systems using z/OS, DB2, and COBOL. If this is not practical, override the inconsistent business system parameters by specifying the parameters to use.

Retry code generation after performing one of the following activities:

- Select Action Blocks from Business Systems sharing the same environment parameters.

- Select Action Blocks from business Systems with different environment parameters, and override the inconsistent parameters with values you select on the Generation Defaults pop-up. Select Generation Defaults from the Options menu on the Generation window.

- Change the affected Business Systems to have the same environment parameters.

Go to Model/Reports…/File/Open… and view Retransformation reports.

CA Gen generates reports that list the results of retransformation. It only generates the reports when Consistency Check Rules are violated, object level protection violations occur, entity types and relationships are not implemented, or other errors occur.

Access the reports from the action bar in the main window.

CA Gen version <variable>1 cannot read models created with <variable>2.

The model was created with a different version of Gen and is not compatible with the version you are using.

After checking in the model using a version of the software that is compatible with the model, check out the model using the current CA Gen software.

Identifier based entry points may not be deleted.

During transformation, entity types become records and the identifiers of the entity type become entry points into that record. To preserve model integrity, you cannot delete these entry points.

To view the identifiers of the entity type, use the Identifiers pop-up accessible under Detail from the Data Model or Data Model List.

Identifier name is not unique for entity/subtype.

An identifier is the unique characteristic that distinguishes one occurrence of an entity type or subtype from other occurrences.

Each identifier for an entity type or subtype must have a unique name.

Type a name not used by another identifier for the entity type or subtype.

If a default is given, value or algorithm must be selected.

When you specify a default, you must select the Value or Algorithm radio button.

Illegal character(s) in number value.

The default value was entered with non-numeric characters, and the attribute domain is defined as a number. You can take these actions:

- Select Default Algorithm for an algorithm

- Change the default value to numeric

- Change the attribute to a different domain than number

Importance Factor values must be 1–5.

The Importance Factor field contains a number greater than 5 and it only accepts 0 through 5.

Type 0, 1, 2, 3, 4, or 5.

Insufficient disk space available on <variable>. Free <variable> bytes, then select 'Retry' to finish this task or 'Cancel' to abort it.

There is not enough disk space to save changes to the model. Take one of the following actions:

- Remove files to free sufficient disk space, and select Retry to save the model to the current destination.

- Select Cancel to stop the model save operation.

Insufficient disk space available on <variable>s. Free <variable> bytes, then select 'Retry' to finish this task or 'Cancel' to abort it.

There is not enough available disk space to save changes to the model you checked out. Take one of the following actions:

- Remove files to free sufficient disk space, and select Retry to save the model to the current destination.

- Select Cancel to stop the model save operation.

Insufficient disk space available on <variable>. Once <variable> bytes are free, select 'OK' to finish the upload operation. Use the file manager to move non–essential data to another drive.

You cannot update and check in the model until more disk space is available on your workstation.

Remove files from the drive and directory. When space is available, proceed with the check-in action.

Insufficient disk space available on <variable>. Once <variable> bytes are free, you should be able to save the model. Use the file manager to move non–essential data to another drive, then execute the Save Model command.

Although the model is checked out to you, there is not enough disk space available to save the model.

Remove files from the drive and directory indicated in the message. When space is available, save the model.

The model must be saved in the drive and directory specified. A new destination is not accepted.

Invalid algorithm name.

The name of the default algorithm is limited to the following characters:

- A – Z
- 0 – 9
- Blank space
- Underscore (_)

Remove other characters from the name.

Invalid day entered.

The day-of-the-month field contains a number that is not in the month.

Type a number 1 through 28 for February, except in a leap year, 1 through 29. Type a number 1 through 30 for months April, June, September, or November. Type a number 1 through 31 for all other months.

Invalid DB2 identifier.

You entered an identifier CA Gen does not recognize. You cannot enter a national language character.

Invalid directory path specification.

Specify the correct path for the file.

Invalid edit pattern.

Select an edit pattern from the drop-down list or enter a custom pattern.

Invalid File Name was entered, extension must be .PPM, .BMP, .ICO, or .DIB.

While attempting to import or export a bitmap file, you entered a name in the File Name field with an invalid extension. CA Gen can only import and export bitmaps with supported extensions.

Select Enter. To proceed, enter the correct extension to the file name entry in the File Name field.

Invalid load module name.

You entered a name CA Gen does not recognize. You cannot enter a national language character.

Invalid month entered.

The month field contains a number other than 1 through 12.

Type a correct month.

Invalid number of blank columns between occurrences.

The number of blank columns between columns causes problems with the screen design. Fields in one line do not fit on the screen. Reduce the number of blank columns.

Invalid number of occurrences on each line.

There must be at least one occurrence of a repeating group view on a line. Zero is not accepted.

Invalid object selected for copy.

CA Gen cannot copy the object because the object size or position is invalid.

Invalid timeout value. The value must be between 0.1 and 5.0.

Enter a timeout value in the range 0.1 to 5.0.

Resize the object or copy it to a different location on the screen.

Invalid value for horizontal slots; minimum is 2.

Enter a value in the range 2–99.

Invalid value for vertical slots; minimum is 1.

Enter a value in the range 1–99.

Invoking Client/Server Encyclopedia software…

CA Gen is starting the CSE software. Please wait until this software starts.

Literal text may not be blank.

You typed characters into an inactive input field. Some execution environments let you put the cursor in an inactive field and type. When you press OK, the characters are invisible to the application. To activate the field, place the cursor on it and click the mouse button.

MALLOC failed in XXXXX in server log file.

The system could not allocate enough memory. Increase the virtual memory on the CSE Server Windows NT machine.

Member name should start with alpha.

The name begins with a number. Change the name and start it with a letter, A through Z.

Minimum must be less or equal to Average which must be less or equal to Maximum.

This is an absolute mathematical constraint. Check values for minimum, average, and maximum.

Minimum value cannot be zero in mandatory relationship.

When a mandatory relationship exists; the minimum value is one.

Change the minimum value, or make the relationship optional.

Month does not have this many days.

The day field contains a number larger than the actual number of days for the specified month.

Type a number 1 through 28 for February, except in a leap year, 1 through 29. Type a number 1 through 30 for months April, June, September, or November. Type a number 1 through 31 for all other months.

More objects may be created before check-in. Recommend immediate check-in.

CA Gen limits the number of new objects created between uploads. This message warns that the number of new objects added is near the maximum. When it reaches the maximum, you must check in the model before adding more objects.

CA Gen monitors the number of objects created since the last check in and displays the number in the Model Information pop-up. To view the information, select Model Info.

To check in the model, select Model, Encyclopedia, Update, and Check In Model.

More than 255 entries on an axis may create more than 65K cells. Do you want to proceed?

The matrix you are clustering contains more than 255 entries. Clustering the matrix could result in an affinity matrix with more than 64,000 cells.

To limit the size of the affinity matrix, set the minimum cell value to 6, 7, 8 or 9.

Select Yes to cluster the matrix.

Select No to avoid clustering the matrix.

Must select axis object.

To display and operate on a matrix, you must select an object for the specified axis.

Mutually Exclusive Constraint name not unique for entity/subtype.

A mutually exclusive relationship exists with the name you entered. Duplicate names are not allowed in the model. Type a unique name or delete the existing mutually exclusive relationship.

Name of storage group already exists.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the procedure step is in the Business System area.

New prompt string length is not allowed to be zero.

The prompt field cannot be blank. Type the prompt string.

New value or range no longer contains default value.

The permitted value or range in the Current Permitted Values selection changed. The default is no longer defined as a permitted value. If you define permitted values, the default must be contained in the permitted value list.

Deselect Value is Default and the permitted value can be changed.

No attributes were found for the selected object.

There are no attributes to transfer for this entity type. Select the entity type that contains the desired attribute to transfer.

No detail for hidden view allowed.

You cannot access details about a hidden view.

To show the view, select it in the Export Views Placement List. With the view highlighted, select Hide. The Hide button acts as a toggle, turning the characteristic on and off. Select the view and select Detail.

No flows from this step exists. Select new starting step.

The screen is not linked to another screen or returned from any other screen.

Select a new procedure step to start flow or use Dialog Design to define a new dialog flow.

No model is loaded. AUDITING can't be turned on until you have loaded a model.

You must have a model loaded to record actions to the audit log file. Load a model and start audit log recording.

No more objects found.

CA Gen cannot find another object with the name you specified. Check the spelling of the name or enter a new name.

No more objects may be created before check-in. Check-in the model immediately.

Check in the model before creating additional objects.

CA Gen limits the number of new objects created between uploads. The maximum number of new objects has been added.

To check in the model, select Model, Encyclopedia, Update, and Check In Model.

No outline fonts were found. Text may not draw on the display screen or may not print.

The outline fonts required to display or print the text are missing. To proceed, you must install the font files. For more information on installing font files, see the installation instructions for the operating system.

No screen to select.

No screens exist for the Prototype action.

Create screens for the business system.

No SentinelScribe can be detected. Make sure the key is connected to port 1 and re-execute this command.

Verify that the security device is connected to the standard printer port, parallel port 1.

Check the CONFIG.SYS file to see if the device driver statement exists.

DEVICE=pathname.OS2SNTNL.SYS

where:

pathname = path you specified when you installed CA Gen

Make sure the files SDLL.DLL and OS2SNTNL.SYS are in the directory where you installed CA Gen.

No SentinelScribe can be detected. Make sure the key is connected to port 1 and then press OK to retry.

CA Gen cannot detect the presence of the SentinelScribe security device. If it is missing, connect it and retry.

No subordinates exist for selected object.

Because the object you selected has no subordinates, it is impossible to promote or to delete the children.

Select Cancel to abandon the delete.

Select Delete Hierarchy to delete the object.

Not Enough Room for Arrange operation.

The Arrange operation requires more space. To continue, close as many windows as possible.

Number of additional occurrences exceeds cardinality.

The sum of the repeating group view occurrences exceeds the cardinality of the view. The sum must be less than or equal to the cardinality.

Number of additional occurrences must correspond to that of the placed repeating group.

The number of additional occurrences is not equal to the other placed repeating group occurrences.

Change the number of additional occurrences.

Number of decimal places exceeds allowed maximum value.

The decimal place specification is greater than the allowable maximum of 18.

Number of decimal places exceeds attribute length.

The attribute length includes the numeric length of the decimal places. The decimal places cannot exceed the length of the attribute. Increase the length to include the desired number of digits.

Number of pictures cannot be 0. Enter the number of pictures contained in the bitmap file.

You are attempting to define a bitmap file to a pushbutton. You entered 0 (zero) in the Number of Pictures field. The minimum valid value is 1 (one). Press Enter. Enter the number of pictures in the selected bitmap.

Number value has invalid format.

Numeric default values must be valid numbers. Change the default value to a valid number.

Numeric edit pattern is not allowed to have hyphen in.

You cannot enter a hyphen in a field designated with a numeric edit pattern. Change the edit pattern to remove the hyphen.

Object is contracted in Procedure shown.

Expand the procedure to see the object.

Object is in another business system.

The object you specified exists in another business system. You must select the other business system to work with the object.

On and Off values are equal.

The same value is assigned to both the on and off check box controls.

Change the value associated with one of the check boxes.

One of the records has no identifier based entry point.

A unique entry point is required for one of the entity types implemented as a record.

Make one of the existing identifiers unique and implement the record again.

One or more bitmap files were not found, the default has been displayed instead.

You are attempting to use a bitmap that was deleted or unsuccessfully imported. The bitmap does not exist in the model's BITMAP subdirectory. Click OK.

To proceed, detail the window or control and select a bitmap that imported successfully. To identify the options, click the Bitmaps and preview the installed bitmaps on the Bitmap Management pop-up.

One or more statements within the action block being copied have been dropped due to unmatched attributes.

Attributes of entity types in the action block you are copying do not match entity attributes in the destination action block. CA Gen drops the unmatched attributes from the copied action block.

Select Yes to copy the action block and remove the unmatched attributes.

Select No to cancel copying the action block.

To prevent the error, add a similar entity type to the destination action block before using Copy with Substitution.

Only a single value can be specified as a default.

You cannot enter a range of numbers and select Value is Default. Unselect Value is Default or remove the range specification.

Only attributes may be selected to be denormalized.

Select only attributes for denormalization.

Only double-byte characters are allowed in this field.

You can only enter double-byte characters.. Single-byte text characters are not allowed.

Only one identifier can be primary, and another is already marked as primary.

For an entity type or subtype, you can only designate one identifier as primary. Remove the primary designation for one of the identifiers.

Only single-byte characters are allowed in this field.

You must enter only single byte text characters.

Open of path or file <variable> failed. A Cancel here will EXIT CA Gen. Check help for possible reasons. Then press Retry.

CA Gen detected an error. These are possible causes:

- Resource error
- Too many windows open
- Path or file cannot be found
- Access problem

To correct the problem:

- Close as many windows as possible.

- Verify the path and file you are attempting to access exist on your workstation or local area network.

- Verify the path and file name are valid and have read access permissions.

Select Retry to proceed. Selecting Cancel terminates CA Gen.

Open of path or file <variable> failed. Cancelling here stops.

CA Gen detected an error. These are possible causes:

- Resource error

- Too many windows open

- Path or file cannot be found

- Access problem

To correct the problem:

- Close as many windows as possible.

- Verify the path and file you are attempting to access exist on your workstation or local area network.

- Verify the path and file name are correct and have read access permissions.

Select Retry to proceed. Selecting Cancel terminates the current task without exiting CA Gen.

Organization was not found.

CA Gen failed to locate the organizational unit you specified. Specify an existing organizational unit.

Other diagrams or windows are still open. AUDITING can't be turned on until all diagrams and windows are closed.

Close all other windows before you turn on auditing.

Password is incorrect. Please retry.

A password is required. Type the correct password to proceed.

CA Gen terminates after three failed attempts.

Percentage cannot exceed 100%.

The occurrence percentage cannot exceed 100 percent. Change the percentage to 100 percent, less when optionality is sometimes.

Percentage must be 100 in a mandatory relationship.

When optionality is always, the occurrence percentage can only be 100 percent. To use a value under 100 percent, change the relationship optionality to sometimes.

Permitted value already exists.

This permitted value is already defined for the attribute. You can only define a permitted value once.

Permitted value must contain at least one character.

The permitted value originally designated for the attribute cannot be removed by clearing the field. At least one character is required.

To add blanks or spaces as permitted values, press the space bar when the cursor is in the field.

To delete the permitted values, click Delete in the pop-up window containing the Permitted Values for the attribute.

Please enter a valid file name.

The file name is incorrect. Possible causes include:

- Name field is blank

- Name contains special characters

- The file does not conform to operating system requirements

Type a name in the field that does not include special characters and conforms to the operating system requirements.

Primary Qty must be between 0 – 4194304 Kbyte range. Secondary Qty must be between 0 – 131068 Kbyte range.

Change the primary or secondary quantity.

Print device could not be opened.

CA Gen is unable to print because of a problem with the printer driver file. Verify the printer driver file exists.

Priority values must be 0–9.

The Priority field contains a number greater than 9. This field accepts only the numbers 0 through 9.

Type 0, 1, 2, 3, 4, 5, 6, 7, 8, or 9.

Process already exists. Do you want to reuse?

The process appears in the diagram. You cannot use the same name for two different processes. You can use the same process again in the hierarchy.

Select OK to use the process again.

Select No to cancel using the process again.

Promote action block <variable> into process <variable>?

When you promote an action block to an elementary process, CA Gen replaces the views and action statements associated with the elementary process with those associated with the promoted action block. CA Gen removes the promoted action block from physical storage.

Select Yes to promote the action block to the selected elementary process.

Select No to cancel promoting the action block.

PSB Name is required.

A name is required for the IMS Program Specific Block (PSB). A blank field is not accepted. Type a name.

Range overlaps with previously entered range or value.

A permitted value (range) is being added that already exists or overlaps with a previously defined range. Either change the range or modify the existing range.

Redrawing updated objects…

Please wait until CA Gen completes redrawing the updated objects.

Relationship already exists for identifier.

A relationship membership can be assigned to an identifier only once. When you clicked Add or Apply, a membership currently assigned to the identifier was highlighted.

Deselect the relationship membership currently assigned to the identifier.

Relationship already exists for mutually exclusive constraint.

An association already exists between the mutually exclusive object and the relationship membership you selected.

Select a mutually exclusive object that does not contain the selected relationship membership, or select a relationship membership not contained by the selected mutually exclusive object.

Relationship is not a valid parent.

You cannot select a relationship as a parent. Select another type of object as the new parent.

Relationship is not mandatory.

The relationship membership you selected is optional. Optional relationship memberships cannot be identifiers.

To change the optionality of the relationship membership, click Prop. Select Always from the Always/Sometime drop-down list.

Use the Identifiers pop-up window to designate the relationship membership as an identifier.

Relationship occurs one or more times.

The relationship membership you selected occurs one or more times. A relationship must occur once to be an identifier.

To change the relationship membership, click Prop. Select One from the One/One or More drop-down list.

Use the Identifiers pop-up window to designate the relationship membership as an identifier.

Remove the selected view(s)?

Select Yes to remove the highlighted views.

Select No to cancel removing the views.

Remove the selected view(s)?

Select Yes to delete the view.

Select No to cancel the delete.

Removing all expected effects will cause the cell to be deleted. Continue?

Select OK to delete the cell value or Cancel to preserve the cell.

Rename procedure step also?

The procedure name has changed.

Select Yes to change the name of the first procedure step to the procedure name.

Select No to leave the procedure step name unchanged.

Replace local values with business system defaults?

Select Yes to replace the local video properties with the default values established for the Business System.

Video properties include the color, intensity, and line justification for these screen objects:

- Prompts
- Fields
- Error Messages
- Literals

Select Yes to set the local video properties to the default properties for the Business System.

Select No to keep the local video properties.

Replace the old default algorithm action block <variable> with the new default algorithm action block?

You have entered a default algorithm action block when a default already exists.

Select Yes to override the old default algorithm action block with the newly entered default algorithm action block.

Select No to keep the old default algorithm action block.

Replace the old default algorithm action block <variable> with the new default value <variable>?

You have entered a default value when a default algorithm action block already exists.

Select Yes to delete the association between the algorithm action block and the attribute. The newly entered value becomes the default.

Select No to cancel this entry and keep the action block as the algorithm default.

Replace the old default value <variable> with the new default algorithm action block?

You have entered a default algorithm action block when a default value already exists.

Select Yes to replace the value with the algorithm action block as the default.

Select No to retain the value as the default.

Replace the old default value <variable> with the new default value?

You have entered a default value when a default already exists.

Select Yes to override the old default value with the newly entered default value.

Select No to keep the old value.

Report file <variable> does not exist.

You attempted to run a report file that no longer exists.

Run the report again.

Reporting: Cannot create report file <variable>.

In trying to generate a report, the system could not open the necessary file. This can occur when another window is viewing the same type of report and has a lock on the file.

Close all other windows and try the operation again.

Reporting is not available at this time, due to a file open problem during model init.

The repository is not accessible.

The system detected a resource error. Close as many windows as possible and click Retry to proceed.

Reporting System Error: Unexpected value from reporting file. Cannot access report.

This is a system error. The CA Gen reporting data file did not contain the expected value. IEF2701.DAT may be corrupted.

Reinstall CA Gen.

Resource Error!

CA Gen could not open a file for Consistency Check. Close as many windows as possible and click Retry to proceed.

If the error persists, the data file is missing. Download the model again, or use a backup version of the model.

Resource Error. Cancelling here exits CA Gen.

A resource error occurred. Close as many windows as possible and select Retry to proceed.

CA Gen exits if you select Cancel.

Resource Error. Cancelling here stops work in progress. Close as many windows as possible, then press Retry. A persisting error may indicate a hardware problem.

A resource error occurred. Close as many windows as possible and click Retry to proceed.

When you select Cancel, the current task terminates without terminating CA Gen.

RESTART or RESET are reserved commands.

RESTART and RESET are reserved words that you cannot use for commands.

Type a different command name.

Retransformation must be run to eliminate inconsistencies in the current record implementation.

An object is missing. Run retransformation to rebuild missing objects for each record.

Retransformation was not run because of Consistency Check errors.

Consistency errors prevented the Retransformation process from occurring. Review the errors to determine the cause.

Access the reports from the action bar in the main window.

Select Model, Reports, File, Open, Consistency Check.

Satisfaction Rating values must be 0–3.

A number greater than 3 is in the Satisfaction Rating field. This field accepts only the numbers 0 through 3.

Type 0, 1, 2, or 3.

Screen has not been able to be layout.

An error exists that prevents automatic layout of the screen.

Repeat the Auto Layout process and correct errors as they appear.

Scroll amount Values(except Location) and Accelerator key cannot be blank.

A value is required for the scroll amount and accelerator values. Enter a value.

Select either an attribute, entity type, or subtype.

The position you selected for the attribute is a partition. You can only move attributes to entities, attributes, or subtypes.

Select ERROR (for defaults) or set video attributes manually.

You can set specific attributes of a field that is in error or accept the default values.

Select ERROR to accept the default values or set the attributes manually.

Selected matrix is not available in model subset.

The matrix you selected is unavailable in this model subset. Select another matrix.

Selected procedure step(s) are protected.

The selected procedure steps are protected by the rules governing subsets. Either the complete procedure step is not checked out, or the access level does not permit you to modify it.

Check out the procedure step and any related screens with the proper authority. Make the required changes and check in the model.

Session ID is required for the selected board type.

The Session ID field must have a value if the board type is IBM 3270 Connection or IBM Token Ring. The default is A. Type the Session ID.

String not found.

The text string you specified could not be located. Ensure that the string is correct and retry, or try another string.

Subordinate action blocks are used in other business systems.

The business system cannot be deleted because it contains action blocks used by another business system.

Subordinate objects could not be placed on Data Model graphical diagram. To place subordinates, select their parent: <variable> in the Data Model graphical tool, and perform View/Place All or Place Unplaced Box.

When you delete an object and promote the children, CA Gen does not automatically place the objects in the graphical diagram Data Modeling Tool when the following conditions exist:

- Objects are deleted using the Data Model List Tool and the Data Modeling diagram is not displayed

- Objects are deleted from Data Model List Tool and the deleted object is contracted in Data Modeling

Both situations prevent CA Gen from placing the children of the selected object on the Data Model.

To place the children of the parent object, select Planning or Analysis, Data Model, new parent, View, Place Unplaced Box.

Subordinate procedure steps have external flows.

External flows exist in subordinate procedure step.

Template inclusion would cause overlap on screen.

The template you are adding to the screen overlaps one or more fields on the current screen.

Compare the template to the fields in the current screen to determine the fields you can adjust. Adjust the fields and add the template.

Template inclusion would cause special field duplicate.

The template you are adding to the screen contains at least one field already in the screen. Delete the field from the existing screen or change the template by removing the duplicate field.

Template is already included in the current screen.

The template you selected is included in the screen. Select a different template from the list.

That name has already been used by a command or synonym.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the procedure step is in the Business System area.

That name has already been used for a Batch Job.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the procedure step is in the Business System area.

That name has already been used for a Business System.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the procedure step is in the Business System area.

That name has already been used for a Critical Success Factor.

A Critical Success Factor exists with the name you entered. Duplicate names are not allowed in the model. Type a unique name or delete the existing Critical Success Factor.

That name has already been used for a Dependency.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the procedure step is in the Business System area.

That name has already been used for a Dialect.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the procedure step is in the Business System area.

That name has already been used for a Goal.

A Goal exists with the name you entered. Duplicate names are not allowed in the model. Type a unique name or delete the existing Goal.

That name has already been used for a Location.

A Location exists with the name you entered. Duplicate names are not allowed in the model. Type a unique name or delete the existing Location.

That name has already been used for a procedure step.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the procedure step is in the Business System area.

That name has already been used for a Step.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the procedure step is in the Business System area.

That name has already been used for a Strategy.

A Strategy exists with the name you entered. Duplicate names are not allowed in the model. Type a unique name or delete the existing Strategy.

That name has already been used for a Tactic.

A Tactic exists with the name you entered. Duplicate names are not allowed in the model. Type a unique name or delete the existing Tactic.

That name has already been used for a Template.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the procedure step is in the Business System area.

That name has already been used for a Trancode.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the latter is in the Business System area.

That name has already been used for an Exit State.

The name you entered is already assigned to an exit state. Enter a unique name.

That name has already been used for an Exit State.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the procedure step is in the Business System area.

That name has already been used for an External Object.

The name you entered is already assigned to an external object. Enter a unique name.

That name has already been used for an External Object.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the procedure step is in the Business System area.

That name has already been used for an Objective.

An Objective exists with the name you entered. Duplicate names are not allowed in the model. Type a unique name or delete the existing Objective.

The <variable>s cannot be blank.

An entry is required for the field. If you do not want to enter data, select Cancel.

The <variable>s cannot contain blanks or underscores only and the first character must be alphabetic. Please reenter in the valid format.

The format is invalid. To correct the entry, use the following guidelines:

- Authorization ID
- Owner

- Password
  - The first character must be alphabetic.
  - All other characters must be numeric or alphabetic.
  - The length must be 8 characters or less.
  - No double-byte characters or national language characters.
- Edit procedure name
- Valid procedure name
- Field procedure
  - The first character must be alphabetic.
  - All other characters must be numeric or alphabetic.
  - The length must be 30 characters or less.
  - No double-byte characters or national language characters.
- VCAT
  - The first character must be alphabetic.
  - All other characters must be numeric or alphabetic.
  - The length must be 8 characters or less.
  - No double-byte characters or national language characters.
- Storage Group Name
  - The first character must be alphabetic.
  - All other characters must be numeric, alphabetic, or an underscore.
  - The length must be 8 characters or less.
  - No double-byte characters or national language characters.
- Synonym
  - The first character must be alphabetic.
  - All other characters must be numeric, alphabetic, or an underscore.
  - The length must be 30 characters or less.
  - No double byte-characters or national language characters.
- DASD Volume ID
  - The length must be 6 characters or less.
  - The first character must not be numeric.
  - All other characters must be numeric, alphabetic or @ # or $.
  - The field will not accept national language characters.

The <variable>s contains invalid characters.

The text contains invalid characters. Check the following guidelines:

- Authorization ID

- Owner

- Password

  - The first character must be alphabetic.

  - All other characters must be numeric or alphabetic.

  - The length must be 8 characters or less.

  - No national language characters.

- Edit procedure name

- Valid procedure name

- Field procedure

  - The first character must be alphabetic.

  - All other characters must be numeric or alphabetic.

  - The length must be 30 characters or less.

  - No national language characters.

- VCAT

  - The first character must be alphabetic.

  - All other characters must be numeric or alphabetic.

  - The length must be 8 characters or less.

  - No national language characters.

- Storage Group Name

  - The first character must be alphabetic.

  - All other characters must be numeric or alphabetic or an underscore.

  - The length must be 8 characters or less.

  - An entry is required.

  - No national language characters.

- Synonym

  - The first character must be alphabetic.

  - All other characters must be numeric or alphabetic or an underscore.

  - The length must be 30 characters or less.

  - No national language characters.

- Entry point name

- Tablespace name

- Indexspace name

- Database Name

  – The first character must be alphabetic or one of the following characters: @ # $.

  – All other characters must be numeric, alphabetic, or @ # $.

  – The length must be 9 characters or less.

  – An entry is required.

  – The field will not accept double-byte characters.

  – The field accepts the following national language characters only: @ # $.

- Field name

- Table name of a record object

  – The first character must be alphabetic or one of the following characters: @ # $.

  – All other characters must be numeric, alphabetic, or one of the following characters: @ # $ or underscore.

  – The length must be 30 characters or less.

  – The field will not accept double-byte characters.

  – The field accepts the following national language characters only: @ # $.

- Linkage name

  – The first character must be alphabetic or one of the following characters: @ # $.

  – All other characters must be numeric, alphabetic, or one of the following characters: @ # $.

  – The length must be 8 characters or less.

  – The field will not accept double-byte characters.

  – The field accepts the following national language characters only: @ # $.

- Record names

  – The first character must be alphabetic or one of the following characters: @ # $.

  – All other characters must be numeric, alphabetic, or one of the following characters: @ # $ or underscore.

  – The length must be 1-32 characters.

- An entry is required.

- The field will not accept double-byte characters.

- The field accepts the following national language characters only: @ # $.)

■ DASD Volume ID

- The length must be 6 characters or less.

- The first character must not be numeric.

- All other characters must be numeric, alphabetic or @ # or $.

- The field will not accept national language characters.

The <variable>s name is an invalid DSD name or is already in uses as a DSD name. CA Gen will generate a DSD name for you. Do you wish to continue?

The Attribute or Entity Name contains an invalid character, an invalid format, or duplicates a name that currently is in use.

Select Yes if you want CA Gen to create a unique DSD name for the attribute or entity type.

Select No to enter a different name.

Valid characters are:

■ @

■ #

■ $

■ 0 - 9

■ A - Z

■ _ (underscore)

■ Blank space

The first character must be:

■ Any letter

■ @

■ #

■ $

You may use a maximum of 32 characters.

The action block selected is used in attribute derivation.

The selected action block calculates a value for a derived attribute.

Deleting the action block results in a consistency check error if the model contains a derived attribute for which there is no derivation algorithm.

To prevent the consistency check error:

■ Avoid deleting the action block

■ Change the properties of the attribute to Basic or Designed

■ Add a different derivation algorithm

The algorithm used to generate the DSD name has failed the validity or uniqueness test. CA Gen requests the user to input a DSD name.

CA Gen did not create a unique and valid DSD name using an algorithm. Enter a DSD name using these valid characters:

■ @

■ #

■ $

■ 0 - 9

■ A - Z

■ _ (underscore)

■ Blank space

The first character must be:

■ Any letter

■ @

■ #

■ $

You may use a maximum of 32 characters.

The AUDIT facility cannot record events during the printer setup operation. Stop the AUDIT recording.

You cannot record to the audit log file when you set up the printer. Stop the audit log and restart it after you complete the printer setup.

The AUDIT facility is unable to log window designer operations. Logging is currently enabled. Stop recording the AUDIT log and re-issue the Window designer command.

You cannot issue the Window designer command and simultaneously log actions to the audit log. Stop recording to the audit log, issue the Window designer command, and resume logging.

The average value exceeds the maximum value.

The average value must be greater than the minimum and less than the maximum.

Change the appropriate value.

The category changed. All permitted values for this attribute will be deleted.

The category of an attribute determines if the data is basic, designed, or derived. Changing the category changes the source of the data.

Permitted values established for the old category do not meet the requirements for the type of data in the new category. CA Gen deletes the permitted values.

Select Yes to change the attribute category and delete existing permitted values.

Select No to preserve the attribute category and the permitted values.

The classifying value cannot be deleted.

The permitted value you are trying to delete is a classifying value.

To remove the classifying value status: Select Partitioning Detail, Properties, Classifying Value, Define Value button Not yet Defined, OK.

The classifying values will be deleted.

Removing or changing the classifying attribute of a partition also deletes the classifying values.

Select Yes to remove or change the classifying attribute and delete the classifying values.

Select No to preserve the classifying attribute and the classifying values.

The copy/transfer of the attribute has failed or has been cancelled by the user.

The Copy/Transfer could not be completed because the DSD name is not valid. Enter a different name.

Valid characters are:

- @
- #
- $
- 0 - 9

- A - Z

- _ (underscore)

- Blank space

The current screen has been deleted.

No additional help available.

The default subject area may not be deleted.

Cannot delete the root subject area.

The default value is not a permitted value.

The default value must be included in the permitted values.

Change the permitted values to include the default value, or, change the default value so that it is a permitted value.

The domain changed. All permitted values for this attribute will be deleted.

The attribute's domain determines the field's data type. Changing the domain changes the type of data in the field.

Because permitted values for the old domain do not meet the requirements for the type of data in the new domain, CA Gen deletes the permitted values.

Select Yes to change the attribute domain and delete existing permitted values.

Select No to avoid changing the attribute domain and keep the permitted values.

The DSD name is not valid. The first character must be a letter, and the name must not be longer than 30 characters.

For successful database generation, comply with the DSD naming conventions as stated in the message.

The DSD name may not be blank.

CA Gen will not accept a blank for the DSD name. Enter a valid alphanumeric name that starts with a letter and contains no more than 30 characters.

You typed characters into an inactive input field. Some execution environments let you put the cursor in an inactive field and type. When you click OK, the characters are invisible to the application. To activate the field, place the cursor on it and click the mouse button.

The entire matrix cannot be displayed due to insufficient screen resolution.

The current resolution of your monitor prevents CA Gen from displaying the entire matrix. To display the entire matrix, change the display configuration using the operating system setup program. If you are unable to change the display configuration, you can still display parts of the matrix at the current resolution.

The entry point implements an identifier and must be unique.

An identifier cannot be deleted. It must be unique.

The Expand operation was not successful. Try moving the object(s) to a more open area.

CA Gen was unable to expand the diagram because of diagram space limitations. Reposition the object to expand to a location with enough space to accommodate the expanded appearance.

The file <variable> already exists, do you wish to overwrite it?

A file with the same name exists. You can:

- Save the file and overwrite the file that exists

- Cancel the save operation

- Cancel the save operation and save with a new name

Select OK to overwrite the file.

Select Cancel to cancel the save operation.

Select Cancel and repeat the save process to save the file with a different name.

The file <variable> cannot be opened, check Help for possible actions.

The file you requested cannot be opened for one of the following reasons:

- Another application is using the file

- The file is marked Read Only

- The file name is not correct

If another application is using the file, close that application and proceed.

If the file is marked Read Only, change it to write access.

If the file name is not correct, type the correct name.

The file <variable> cannot be overwritten, check Help for possible actions.

CA Gen cannot overwrite a file because another application is using the file.

Close the application that is using the file or cancel the save process and save the file with a different name.

The file <variable> cannot be renamed, check Help for possible actions.

A file cannot be renamed because another application is using the file.

Close the application that is using the file.

The following action blocks are available for deletion. Select the action block(s) to delete. Delete the selected objects?

Highlight the action blocks you want to delete and select Delete.

Select Cancel to preserve the action blocks.

The following action diagram that was specified as a default algorithm is to be deleted:

The action block to delete is the default algorithm.

Select Yes to delete the action block.

Select No to preserve the action block.

The following command is to be deleted:

The objects named or referenced in the message is about to be deleted from the model.

Select Yes to delete the object.

Select No to preserve the object.

The following default edit patterns have been flagged for deletion. Do you want to delete them?

The object named or referenced in the message is about to be deleted from the model.

Select Yes to delete the object.

Select No to preserve the object.

The following dialect objects have been flagged for deletion. Do you want to delete them?

CA Gen is about to delete the object from the model.

Select Yes to delete the object.

Select No to preserve the object.

The following entity was added but could not be placed.

This is a only warning message. The object cannot be placed in the selected position because there is no more room on the diagram. These actions can cause this message:

- The Expand Diagram action was unable to expand some of the objects

- The Place All action was unable to place some of the objects.

The objects cannot exceed the double-line boundaries. Move or contract objects to make room for others.

To select another location, use View, Place Unplaced Box. Place the object.

The following exit states have been flagged for deletion. Do you want to delete them?

Confirm or cancel the deletion.

The following expected effects objects have been flagged for deletion. Do you want to delete them?

Confirm or cancel the deletion.

The following external objects have been flagged for deletion. Do you want to delete them?

Confirm or cancel the deletion.

The following path or file cannot be found:

CA Gen cannot find the path or file specified in the message. Verify that the path or file exists on your workstation or local area network.

Select Retry to proceed.

Selecting Cancel terminates CA Gen.

The following path or file cannot be found:

CA Gen cannot find the path or file specified in the message. Verify that the path or file exists on your workstation or local area network. Select Retry to proceed.

When you select Cancel, the current task terminates without closing CA Gen.

The following synonym is to be deleted:

CA Gen is about to delete the object from the model.

Select Yes to delete the object.

Select No to preserve the object.

The following templates and/or screens are available for deletion. Select the item(s) to delete.

Highlight the templates or screens to delete.

CA Gen will use the attribute name for the DSD name.

The current DSD name contains an invalid character, an invalid format, or duplicates a name that currently is in use.

Select Yes to use the attribute or entity name as the DSD name.

Select No to enter a different name.

You may enter up to 32 characters.

Valid characters are:

- @

- #

- $

- 0 - 9

- A - Z

- _ (underscore)

- Blank space

The first character must be:

- Any letter

- @

- #

- $

CA Gen cannot delete the because the linkage implements an identifying relmem.

CA Gen requires linkage that implements an identifying relationship membership to relate the records.

The linkage implements a partitioning and may not be deleted.

CA Gen requires linkage that implements a partitioning to differentiate the types of records.

The long model name has been changed. The model currently opened will be overwritten. Do you want to continue?

Select Yes to check out the model specified with the new long name. Doing so overwrites the model currently open.

Select No to preserve the current model.

Enter a new short model name to preserve the current model.

The Mnemonic doesn't match a character in the display.

The mnemonic associates a keyboard character with a menu item or prompt, enabling you to select an action without using the mouse.

The mnemonic must be a character in the Menu Text or prompt field. The mnemonic is underlined in the menu or prompt.

Enter a letter in the prompt field that is unused by another prompt or menu item at the same level.

The model <variable> cannot be <variable> because <variable> is currently using it.

You attempted an operation on an open model. To determine the models available to you, use the Model Open option from the main window.

The model <variable> cannot be <variable> because you do not have the required file permissions.

You attempted an operation on a model for which you do not have write permissions. To determine the models available to you, use the Model Open option from the main window.

The model <variable> is marked as read only and cannot be saved.

You are closing a CA Gen session or attempting to save a copy of a model not checked out from the Host Encyclopedia. CA Gen cannot save changes you made to the copy of the model. Check out the model with the proper authority; make the required changes, and check in the model.

The model <variable> may have been corrupted. Do you still want to save it?

CA Gen detected errors validating the model.

Select Yes to save the model.

Select No to cancel saving the model and exit CA Gen.

Select Cancel to cancel saving the model and return to the Model Window.

The model has been downloaded successfully, but cannot be saved because there is not enough disk space available. Once you have freed up enough space, execute the Save Model command.

The model is checked out to you. CA Gen cannot save the model on your workstation because of lack of disk space. You can continue to use CA Gen, but must make more disk space available before CA Gen can save the model.

The model is marked as read only and cannot be saved.

The model you are attempting to save is checked out as read-only or is a copy of a model that remained on your workstation after checking in the model.

If the model is checked out as read-only, check it in.

Check out the model with the appropriate permissions: Delete, Modify, or Access. Make the necessary changes and save the model.

The model may have been corrupted. Do you still want to save it?

CA Gen detected errors while validating the model.

Select Yes to save the model.

Select No to cancel saving the model and exit CA Gen.

Select Cancel to cancel saving the model and return to the Model Window.

The model save process failed. Select 'Continue' to quit anyway, DISCARDING all changes since the last successful model save operation.

CA Gen cannot save the model because of lack of available disk space.

Select Continue to quit and discard all changes made since the last time the model was saved.

The name matches one already in the Entity Action Subset.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the procedure step is in the Business System area.

The name matches one already in the Export Subset.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the procedure step is in the Business System area.

The name matches one already in the Import Subset.

A view exists with the name you entered. Duplicate view names are not allowed in the subset. Type a unique name or delete the existing view name.

The name matches one already in the Local Subset.

The user-defined name given to an object in a specific area of the model must be unique. The integrity of each model depends on strict adherence to this rule. Although you cannot use duplicate user-defined names in an area, different areas can use the same name. For example, if organization is the area, two organizations cannot have the same name. An organization and a procedure step can have the same name because the procedure step is in the Business System area.

The name may not be blank.

A name is required. A blank name field is not accepted.

Type a name.

The name of database cannot be blank.

You typed characters into an inactive field. Some execution environments let you put the cursor in an inactive field and type. When you click OK, the characters are invisible to the application. To activate the field, place the cursor on it and click the mouse button.

The New Position value cannot be greater than Total statements.

Enter a value that is less than the value of the total number of statements.

The New position value cannot be greater than Total viewable lines.

Enter a value for the new position that is in the range of viewable lines.

The New position value must be greater than or equal to 1.

Enter a value of at least 1.

The number of characters per line must be between 60 and 256.

Enter a value for characters per line between 60 and 256.

The number of lines per page must be greater than 9.

Enter a value of 10 or more for the number of lines per page.

The path must terminate with a backslash (\).

The maximum length of a path name must be 60 characters, and it must include a terminating slash. CA Gen appends the terminating slash if it is missing. You can only input 59 characters unless you explicitly terminate the name with a slash.

The positions result in overlaps, do you wish to continue?

The position you selected covers all or part of another field, box, or other window design element. If you continue, the element you are adding hides the underlying box and prevents users from accessing it.

The prompt "Do you wish to continue," lets you keep fields from overlapping.

To prevent the overlap, select No. Reposition one of the window elements.

To accept overlapping fields and boxes, select Yes.

The primary quantity of data set must be greater than 0.

CA Gen requires a primary quantity to specify the primary space allocation for a data set, tablespace, or indexspace when you select VCAT.

The relmem has already been implemented as a linkage.

It is unnecessary to implement the selected relationship membership as a linkage because the linkage already exists.

The selected attribute is already included in the view.

The attribute you selected is part of the view. Duplicates are not allowed.

Select a different attribute.

The selected model is incomplete and cannot be copied.

The model you are copying is not complete. One or more files are missing.

The short model name has been changed. The directory <variable> exists and any model in that directory will be overwritten. Do you want to continue?

The short, or local name, corresponds to the directory on the disk that stores the model. A model with the local name entered already exists.

Answer yes to overwrite the model in that directory.

Answer No to cancel the checkout.

The Storage Group cannot be blank.

You typed characters into an inactive field. Some execution environments let you put the cursor in an inactive field and type. When you press OK, the characters are invisible to the application. To activate the field, place the cursor on it and click the mouse button.

The Storage Grp or VCAT cannot be blank at both database and data store.

Select Storage group or VCAT. You must select one field because both fields cannot be blank.

The unused prompts will be deleted.

CA Gen is about to delete the object from the model.

Select Yes to delete the object.

Select No to preserve the object.

The update transaction file (UPDATE.TRN) has been created. The file was not transferred and no verification was performed.

Use the UPDATE.TRN file to verify the manual transfer of a model to the encyclopedia.

When encyclopedia communication is OFF for manual check in and checkout, CA Gen creates an UPDATE.TRN file. You must manually copy this file from the workstation to the encyclopedia.

When encyclopedia communication is ON for automatic check in and checkout, CA Gen creates a VERIFY.TRN file instead of an UPDATE.TRN file. CA Gen uses communication software to automatically transfer the VERIFY.TRN file.

The VCAT cannot be blank for the Storage Group.

The VCAT field must contain an entry.

The work path must not include the characters '.ief' which are reserved for CA Gen usage only.

A work path cannot have an .ief extension because CA Gen reserves that extension for model directories.

To update the paths, clear the work path or enter a valid name for the work path directory. A valid name may contain any combination of letters, numbers, underscores, and periods, with the exception of the text, .ief.

There are too many places before the decimal.

Permitted values and default values cannot conflict with the defined properties of the attribute.

Either change the attribute length or reduce the number of digits in the permitted value.

There is insufficient TD to do a Retransformation…use Transformation.

You can only perform a Retransformation after transformation completes, or the database is manually added to the data store list. You must complete these design tasks before you proceed with Retransformation.

There were no ERD–DSD differences for Retransformation to resolve.

Retransformation did not take place because the structure of the data model has not changed since the last retransformation.

Consistency check rules did not detect a difference between the ERD and the data lists.

This action will cause all Interaction Clusters to be deleted. Continue?

Click OK to remove the interaction clusters created or Cancel to discard the change.

This function cannot be performed because of protection checking or the state of the process hierarchy.

You cannot complete this action because the activity hierarchy diagram was already completed or because of Consistency Check errors.

This matrix does not allow the addition of cells.

You cannot add or delete cells and objects in an affinity matrix. To build and populate an affinity matrix, cluster another matrix.

Add or delete objects and cell values in the clustered matrix to create the affinity matrix.

This model is using Code Page <variable>. And, CA Gen is using Code Page <variable>. Do you want to open the model and change its code page to <variable>?

A code page is a table that defines screen display characters. Different languages are supported by a variety of code pages.

The code page used when the model was created differs from the code page currently available in CA Gen. The code page that is available does support the characters used in the model.

When you open the model the new code page is used.

This model is using code page <variable>. However, CA Gen is using code page <variable>. No connection can be made between these two code pages. Do you want to open and model and change to Multiple Code Page support?

A code page is a table that defines screen display characters. A variety of code pages support different languages.

The code page used when the model was created differs from the code page currently available in CA Gen. The code page that is available may not support the characters used in the model.

You can use multiple code page support that includes a universal list of frequently used display characters that may not support all of the characters the model displays.

If you do not want to use multiple code page support and you know the code page used when the model was created, you can use operating system commands to switch the code page available in CA Gen.

This model requires Code Page <variable>. The CA Gen tool is using Code Page <variable>. Change to a different CA Gen tool.

Verify that the code page setting is set correctly in the CONFIG.SYS file and correct it, if necessary. When using code page settings other than 437, ensure that the international diskette was installed.

You might have attempted to change the model using the wrong CA Gen version. You must use the CA Gen version that created the model.

This model requires Code Page <variable>d. The CA Gen tool is using Code Page <variable>d. Change to a different CA Gen tool.

Verify the code page setting is set correctly in the CONFIG.SYS file. and correct it, if necessary. If using code page settings other than 437, ensure that the international diskette was installed.

Perhaps you attempted to change the model using the wrong CA Gen version. You must use the CA Gen version that created the model.

This model will be upgraded if Save'd and would no longer be usable by previous releases. Continue with model load?

You probably upgraded your workstation since working on the model you are attempting to open. Determine if the work on this model is to continue on a workstation of the previous release or on a workstation of the current release. You cannot alternate work on model files between workstations of different releases.

Select Yes to load the selected model and perform the file upgrade the next time you save the model. After the upgrade, the model is not accessible through workstations that were not upgraded to the current release.

Select No to cancel the open request. Model files are unchanged.

Thousand and decimal separators must be different.

You must use different separators to distinguish the decimal separator from the thousand separator.

Too many decimal places in value entered.

You cannot add or define a permitted value with more positions to the right of the decimal place than the attribute properties specify. Change the attribute definition or reduce the number of positions to the right of the decimal.

Too many trailing zeroes after decimal place entered.

More trailing zeroes are entered for a permitted value or default value than the defined attribute properties allow. Delete the additional trailing zeroes or extend the decimal place and attribute length specification.

Transformation was not run because of Consistency Check errors.

Refer to the Consistency Check Report to determine the errors that prevented the Transformation process.

Access the reports from the action bar in the main window.

Select Model, Reports, File, Open, Consistency Check.

Unable to create a unique work directory <variable>. You may wish to check manually before Retry. A Cancel here will EXIT CA Gen.

Each execution of CA Gen requires a unique workspace for temporary work files. When CA Gen starts, it attempts to create a directory named WK followed by the current system time in hours, minutes, and seconds. CA Gen deletes this work directory when it terminates.

Since the same combination of hhmmss repeats itself every 24 hours, the work directory name could already exist for several reasons:

- Another execution of CA Gen is using it.

- It was not deleted because CA Gen ended abnormally.

■ Retry retrieves a new system time and should correct the problem. You should manually remove any unused work directories from the disk.

Unable to expand object <variable>s. Try moving the object(s) to a more open area.

The noted child object cannot be expanded because of space limitations or the position of the object in relation to an edge. There is no room to shift other objects out of the way or the object is too close to an edge limit to allow room for expansion.

Reposition the child object to expand to a location with enough space to accommodate the expanded appearance and retry the expand function.

Upload with checkin did not complete.

Select Resend Last Update.

Upper bound of range is less than lower bound.

A permitted value range includes a FROM and a TO number. The FROM number must always be less than the TO number.

Use delete options to remove name.

You cannot remove the name originally designated for the command by clearing the field.

Click Delete to remove the command name.

VCAT or storage group cannot be blank, if no default STOGROUP entered.

If the name of a default storage group does not appear, you must complete the VCAT or storage group name fields.

Value is longer than the length of the attribute.

A permitted value exceeds the length of the attribute.

Enter a permitted value that contains fewer characters or change the length of the attribute in the Attribute Properties pop-up window.

Verification in progress...

CA Gen is busy processing the verification.

Verify ESCAPE default destination (denoted by '?') and change if necessary.

When you copy or move an ESCAPE statement, CA Gen inserts a question mark (?) to show where control of the program could pass.

Verify that the question mark terminates the action group at the correct place.

If the question mark is correct, no action is required.

If the question mark is not correct, select PAD, the question mark to change, Edit, Change.

Vertical centering disallowed with multiple lines.

CA Gen centers one line in a vertical space. When there is more than one line, the text automatically begins on the first line.

To center text vertically, you can:

- Add blank lines above the first line of text

- Enter the text on one line, adjusting the size of the control if necessary

View has to be defined for Auto Layout.

Auto Layout requires at least one export view definition.

Use View Maintenance to define the export views.

Warning! A screen will be affected by deleting <variable>.

The object to delete is placed on a screen. Deleting the object removes it from the screen.

Warning! View matching will be affected by deleting <variable>.

Deleting a view affects information supplied or received during view matching. Rematch the views affected by the change.

While attempting to open model <variable>, an error occurred which could mean this model is already open. You should Cancel and select Model/Open again.

After verifying the model was available, CA Gen got an error while attempting to place a lock on the model's log file to prevent user write access. This situation is unlikely, but can occur when two users simultaneously try to open the same model. Follow the directions in the message. Contact Technical Support if the problem persists.

Work directory is invalid. Using current directory.

The drive or directory specified for the work files does not exist. CA Gen creates and uses work files to process model information, and saves the work files in the current CA Gen directory.

To change the work files path, select Options Path from the main window. The work file path takes effect after you exit and restart CA Gen.

Work Set is not a valid parent.

You cannot select a work set as a parent. Select another type of object as the new parent.

You already have model <variable>s open. Selecting 'Yes' reloads this model from disk resulting in the loss of any changes since the last save. Do you want to reload?

Select Yes to discard all changes and start over.

Select No to keep the changes and save the model.

You do not have the required file permissions to modify the model <variable>. Do you wish to open it with READ ONLY restrictions?

You do not have write permissions for the model. You can open the model with limited options. You can only view the model. Options that modify or manipulate the model are disabled.

Chapter 2: Generator Messages

Generator messages have three parts:

- A three-character component code, CGB

- A four-digit sequence number, beginning with 0001

- 1-character severity code, I, W, E, or S

  - **I**—Informational messages display supporting documentation and statistics, and are not errors.

  - **W**—Warnings indicate that the system took corrective action. Determine if it was the appropriate action.

  - **E**—Error messages occur when the CA Gen cannot generate the screen. The file exists when a previous generation produced a screen file.

  - **S**—Severe error messages occur when generation cannot continue.

CA Gen writes all generator messages to an error log file, and also displays error messages resulting from unrecoverable errors.

Users can browse the error log file after generation to view warning messages.

When a workstation toolset invokes the generator, the log file has the same name as the member name of the screen generated, with an ERR extension.

On a z/OS system, the file is named <&userid..IEF.LOGFILE>. The TSO user ID replaces the file name prefix. Since there is only one logfile on a z/OS system, it is important to only perform generation on the failing screen and no other component. Each generation replaces the contents of this log file.

z/OS Enhanced Map Block Mode Generator Messages

CGB0001E – Invalid or inconsistent generation parameters. Generation of screen <screen_name> in model <model_name> has been aborted.

Reason:

CA Gen cannot generate the screen identified by screen_name because the user-specified generation parameters are inconsistent or illegal. model_name identifies the model that contains the generated screen.

The generator terminates without changing or creating source files.

Action:

Check the generation parameters for consistency. You can only choose the COBOL language when the target platform is z/OS. You may select only IMS/MFS, IMS Bypass, CICS Bypass, or TSO Bypass.

The Map Generator issues this message.

CGB0002I – Metafile transformation complete, <line_count> lines of generated language source.

Reason:

The metafile produced in phase 2 of the generation was successfully transformed into the target language with line_count lines of code.

Action:

No user action required. This message is informational, generation continues. This confirms that phase 3 completed successfully.

CGB0003E – Exception condition <exception> has been raised.

Reason:

CA Gen intercepted a program exception condition.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0004I – Generation has been terminated due to errors.

Reason:

The generator terminated because it encountered one or more errors or severe errors.

The generator terminated without changing or creating source files.

Action:

Correct the errors that caused the generator to terminate. These errors should be in messages that precede this message.

CGB0005S – Cannot locate codepage.ini file in path <file_path>.

Reason:

The generator failed to find the initialization parameter file, codepage.ini, in the file_path.

The generator terminated without changing or creating source files.

Action:

Check that the environment variable contains the correct path and that the directory contains the codepage.ini file.

CGB0006I – Codepage <codepage_id> has been selected for generation.

Reason:

This informational message indicates the generator will use codepage number codepage_id to generate source files, literals, constants, and text.

Action:

No action is required if the codepage is correct. The codepage is selected based on the codepage used to define the model. If the codepage is incorrect, you must convert the model.

CGB0007S – Cannot initialize the code page server using the codepage.ini file located at <file_path>.

Reason:

The codepage translation services function cannot start because it cannot use the codepage.ini file, in file_path.

The generator terminated without changing or creating source files.

Action:

Verity the codepage.ini file and its path are correct.

If the file and path are correct, the error may be caused by an internal error in the codepage translation server.

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0008E – Screen <screen_name> in business system <business_system_name> and model <model_name> has not been packaged and cannot be generated.

Reason:

The generator requires that the screen be packaged into a load module so it can determine the name of the generated source code, MID and MOD names, and other implementation definitions. Without the packaging of the screen, the generator does not know the implementation details.

The generator terminated without changing or creating source files.

Action:

Package the screen into a load module.

CGB0009S – At least one display class terminal device must be defined.

Reason:

The generator requires a definition for at least one terminal device capable of display operations for the screen. The generator did not detect any display type terminal devices defined for the screen.

The generator terminated without changing or creating source files.

Action:

You must define at least one display device. Printer devices may also be defined.

CGB0010E – Unknown object type, <object_type>, eid = <encyclopedia_id>.

Reason:

The generator detected an internal error. It has encountered an object that is an unknown type. The message includes the type code as object_type, and the object's encyclopedia ID as encyclopedia_id.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0011S – At least one object_type must be present to generate screen_name.

Reason:

The maps that define the screen require an object of object_type. The maps require at least one of each of the following object types:

- Device

- Field can be a literal field, system field, or variable field.

- Dialect

- Map can be a logical combination of a dialect and a specific device. The CA Gen enhanced map generator synthesizes the map from the device and dialect specifications.

The generator terminated without changing or creating source files.

Action:

Define the object type.

CGB0012E – No objects found to generate MFS definition.

Reason:

A screen requires at least one DEVICE and MAP to generate correct MFS definitions. The message defines the type of object missing.

The generator terminated without changing or creating source files.

Action:

Define the indicated objects. For more information about object types, see the message CGB0011E.

CGB0013W – Field <field_name> may not be placed when the <property_name> property is defined, field ignored.

Reason:

The generator ignored the field name and did not put it on the resulting screen because the property or property_name are undefined.

The generator removed references to the field from the generated source code.

Action:

Verify the property in the message is correct for the screen. If it is correct, the generator cannot put them on the screen. Remove them from the screen definition. If the property is incorrect, remove or set the property.

CGB0014S – Language must be <language> when generating for platform, screen <screen_name> cannot be generated.

Reason:

The indicated source code language must be the language selected when generating the screen_name to use on the platform.

The generator terminated without changing or creating source files.

Action:

Choose a language the target platform supports.

CGB0015S – Only <facility_names> are supported, screen <screen_name> cannot be generated.

Reason:

The message lists the display facilities supported. The selected display format or facility is not supported, and the generator cannot generate the screen.

The generator terminated without changing or creating source files.

Action:

Choose a display mode or mapping facility the target platform supports.

CGB0016I – Metafile construction completed, <object_count> metafile objects.

Reason:

The memory context metafile was constructed from the application model. The message indicates the number of metafile objects in the metafile.

Action:

None.

CGB0017S – Metamodel error, expected object but found object of type <object_type> instead.

Reason:

During phase 1, metamodel transformation, the generator expected a certain object type and retrieved an object of a different type.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0018S – Incorrect component type: <component_type>.

Reason:

During phase 2, metafile translation, the generator retrieved a metafile object of an unknown type.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0019S – Bounds error processing field <field_name} during forced placement of TRANCODE, PANELID, or FMI.

Reason:

During phase 1, metamodel transformation post processing, the generator attempted to place the TRANCODE, PANELID, or FMI fields. Because the screen does not specify the placement of these fields, the generator attempts to force place the missing fields and encountered an internal error.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0020S – Unable to force placement of <field_name> field.

Reason:

During phase 1, metamodel transformation post processing, the generator attempted to place the TRANCODE, PANELID, LINKACTIVE, or FMI fields. The generator attempted to force place the missing fields, and there is no usable area on the screen.

The generator terminated without changing or creating source files.

Action:

Remove fields, literals, or prompts, or rearrange the screen, to create free space for the fields, or place the transaction code or the panel ID fields. The generator always force places the FMI field when targeting MFS. You cannot explicitly place it.

CGB0021S – Illegal or unknown field type for edit pattern synthesis.

Reason:

During phase 1, metamodel transformation, the generator attempted to synthesize an edit pattern for a field that did not specify an edit pattern. The generator cannot classify the field because it contains an illegal or unknown type value.

The generator terminated without creating or changing source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0022S – Illegal edit pattern type: <edit_pattern_type>.

Reason:

During phase 1, metamodel transformation, the generator encountered an invalid edit pattern object.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0024S – Duplicate <metafile_object> metafile objects of type <type>.

Reason:

During phase 2, metafile translation processing, the generator encountered a duplicate object. The object can only exist once.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0025S – Variable context error for <variable_name>, type=<variable_type>, value type=<value_type>, value len= <value_length>, nest=<variable_nesting_levels>.

Reason:

The message lists possible reasons for this message.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0026S – Illegal MSG direction, not INPUT, OUTPUT, or INOUT.

Reason:

During phase 2, metafile translation processing, the generator encountered a metafile object that defines an interface, a message, between a mapping facility, for example MFS or BMS. The interface fails to identify the interface direction, or the specification is invalid. Interfaces can be input, output, or input and output.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0027S – Illegal metafile DIRECTIVE, type = <directive_type>.

Reason:

During phase 2, metafile translation, the generator encountered a metafile directive object that does not contain a valid directive type value.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0028S – Undefined field data type, <data_type>.

Reason:

During phase 1, metamodel transformation, the generator encountered a model predicate that defines a variable type that is illegal or invalid, or cannot be classified.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0029I – Diagnostic dump of the <metafile_type> metafile has been written to STDERR.

Reason:

The generator failed and started a failure analysis dump of the metafile. This informational message identifies the dumped metafile.

Action:

Technical Support may request this message to it assist in determining and correcting the failure.

CGB0030I – <continuation_text>

Reason:

This informational message is a continuation of the previous message. The generator issues it during failure analysis. Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0031I – GBLanguage : <object_content_details>

Reason:

The generator issues this message during failure analysis. It formats key data areas and values of the GBLanguage object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0032I – Metamodel transformation completed, <object_count> objects transformed

Reason:

The generator completed phase 1, metamodel transformation. object_count identifies the number of objects produced on the metafile.

This is an informational message only. Generation continues.

Action:

None.

CGB0033I – Probable model corruption. Check model for errors and correct.

Reason:

The generator detected an inconsistent state between objects in the model, or the screen contains inconsistent or incorrect definitions. Model corruption usually causes this problem.

The generator terminated without changing or creating source files.

Action:

Run consistency checks or encyclopedia validation to check the model. Correct errors detected. If generation continues to fail, contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0034E – Screen <screen_name> in business system <business_system_name> and model <model_name> contains no fields, cannot be generated.

Reason:

The screen name is empty because it does not contain fields. The generator cannot generate empty screens.

The generator terminated without changing or creating source files.

Action:

Define at least one field by placing a system field, user variable, literal, or prompt on the screen. This is a permanent restriction because a screen must contain at least one field to generate the screen.

CGB0035I – Object being processed at time of error: ID=object_id, TYPE=object_type

Reason:

The generator issues this informational message during system recovery processing after a fatal error reading the model when it retrieves an erroneous metamodel object from the model.

The generator issues this message with other messages that indicate the type of error encountered. This message lists the object identifier and the type of object identifier to correct the model, if needed.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0036I – GBMetaFile : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. The message formats key data areas and values of the GBMetaFile object in the metafile. Diagnostics continue.

Action:

Technical Support may request the message to assist in determining and correcting the failure.

CGB0037I – GBMetaFileObject : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaFileObject object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0038I – GBMetaField : <object_content_details>

Reason:

This generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaField object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0039I – GBMetaAggregate : <object_content_details>

Reason:

The generator issues this message during failure analysis. It formats key data areas and values of the GBMetaAggregate object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0040I – GBMetaEndAggregate : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaEndAggregate object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0041I – GBMetaDivision : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaDivision object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0042I – GBMetaFormat : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaFormat object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0043I – GBMetaDevice : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaDevice object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0044I – GBMetaSegment : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaSegment object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0045I – GBMetaLPage : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaLPage object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0046I – GBMetaDPage : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaDPage object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0047I – GBMetaMsg : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaMsg object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0048I – GBMetaDirective : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaDirective object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0049I – GBMetaComment : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaComment object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0050I – GBMetaDataArea : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaDataArea object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0051I – GBMetaVariable : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaVariable object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0052I – GBMetaArray : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaArray object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0053I – GBMetaStructure : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaStructure object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0054I – GBMetaProcedure : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaProcedure object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0055I – GBMetaCopy : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaCopy object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0056I – GBMetaAssign : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaAssign object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0057I – GBMetaIf : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaIf object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0058I – GBMetaThen : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaThen object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0059I – GBMetaElse : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaElse object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0060I – GBMetaEndProcedure : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaEndProcedure object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0061I – GBMetaNullStatement: <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaNullStatement object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0062I – GBMetaForLoop : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaForLoop object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0063I – GBMetaFileEnd : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBMetaFileEnd object in the metafile.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0064E – Invalid metafile language object at address, type <type_code>.

Reason:

During phase 2, metafile translation processing, the generator removed an object that was an unknown or illegal type, type_code, from the metafile at address.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0065I – GBScreen : <object_content_details>

Reason:

The generator issues this informational message during failure analysis. It formats key data areas and values of the GBScreen object.

Diagnostics continue.

Action:

Technical Support may request this message to assist in determining and correcting the failure.

CGB0066W – Predicate <predicate_name> is unmapped, the field will be protected to prevent entry.

Reason:

Attribute views are not mapped between the import and export view. This condition implies that the predicate is used only for output and user input is not allowed.

The generator overrides the protection status of the display field associated with the attribute and forces field protection.

Action:

Verify the field should be protected. Defining protection for the field prevents this message.

CGB0099S

Exception <exception_name> in component <component_code> <component_name> of product_name <release release_number>, build <build_number> raised in file <source_file_name> at line <source_file_line>, compiled on <compiled_date> at <compiled_time>, maintenance level <component_maintenance_level>.

Reason:

exception_name, in the form GBEX, identifies an internal exception type that caused a fatal error in the generator. Component_code and component_name define the product component that raised the exception. The product_name, release_number, and build_number detail the characteristics of the product containing the component. The source_ file_name and source_ file_line indicate the point in the component where the exception occurred. compiled_date, compiled_time, and component_ maintenance_level identify the component version.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0100S – Unknown/illegal exception code.

Reason:

The generator raised an exception and the exception code was invalid, or outside the range of defined codes.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0101S – Illegal use of a method; out of context.

Reason:

This internal error indicates a method of a class was used in an illegal context or used illegally. The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0102S – Object not found or end of list.

Reason:

The collection class did not locate the object indicated, and the requester did not expect the condition to fail.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0103S – Index not within bounds of array.

Reason:

The array collection object was requested to retrieve or delete an object at a specified index, and the index is outside the bounds of the array. This is an internal error.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0104S – Index out of array bounds.

Reason:

During array iteration, the array iterator exceeded the bounds of the array collection object.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0105S – String length too long.

Reason:

A request for a name, value, or other property that returns a variable length string from a screen component object has determined the name, value, or property cannot be moved into the buffer because the buffer is too short.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0106S – File could not be opened.

Reason:

A file, identified in a subsequent message, failed to open for processing.

The generator terminated without changing or creating source files.

Action:

Check to make sure the file exists and that the file is not exclusively locked by another process.

CGB0107S – No file name or illegal file name.

Reason:

The file object determined that no file name, or an illegal file name, was defined for the file.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0108S – Attempt to close, read, or write unopened file.

Reason:

The file object was requested to perform some I/O operation on an closed file.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0109S – Attempt to open an opened file.

Reason:

The file object was requested to open a file that is already open.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0110S – File I/O error.

Reason:

The file object was requested to perform an I/O operation on a file, and the operation failed to complete successfully.

The generator terminated without changing or creating source files.

Action:

Check for available disk space if the file exists on disk. Check access permissions to network drives, or security authorizations for the target file.

CGB0111S – List, array, or other collection is empty.

Reason:

One of the collection class iterators was requested to return an object from the empty collection.

This is an unexpected condition because the generator usually traps this condition and the requester handles it when the possibility exists for an empty collection. This is an internal error.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0112S – Internal processing error.

Reason:

The generator detected a general, undetermined failure. Many problems can cause this error. Use the file name and line reported in the CGB0099S message to determine the cause of this message.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0113S – No position has been set for iterator.

Reason:

This exception results from requesting a sequential operation on a collection class iterator. For example, get next or get previous, where no position was established in the collection.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0114S – List has changed since last access via iterator.

Reason:

An iterator causes this internal error when the collection it is iterating changes without re-establishing the position.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0115S – Invalid argument or type specification.

Reason:

The generator terminated without changing or creating source files. This is an internal error.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0116S – Invalid or inconsistent generation parameters.

Reason:

This is an exception raised after selecting an inconsistent generation parameter.

The generator terminated without changing or creating source files.

Action:

Verify the generation parameters. If correct, this is likely an internal error.

CGB0117S – Termination signal raised to abnormally end generation.

Reason:

The error handler raises this exception when it is processing a terminal or severe error, or it encounters another error while processing the previous error.

The generator terminated without changing or creating source files.

Action:

None.

CGB0118S – More than one division of same type.

Reason:

The metafile is organized into discrete divisions. Only one of each type is allowed. During phase 2, metafile transformation, the generator detected a multiple use of a metafile division. This is an internal error.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0119S – More than one dataarea of same type.

Reason:

The metafile can contain many defined data areas or control blocks. Only one of each type is allowed. During metafile transformation, phase 2, the generator detected a multiple use of a data area. This is an internal error.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0120S – Illegal or NULL pointer.

Reason:

This is an internal error.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0121S – Memory unavailable.

Reason:

The generator used all available memory, and a request for additional memory failed.

The generator terminated without changing or creating source files.

Action:

Increase the available memory.

CGB0122S – The model object being processed is a null object (has no value).

Reason:

This is an internal error.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0123S – The provided buffer or work area is too short to contain the results.

Reason:

This is an internal error.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0128S – Unsupported or Illegal Language value.

Reason:

This is an internal error.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0129S – Unsupported or illegal language feature or construct.

Reason:

This is an internal error.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0130S – Attempt to redefine the value of an object that is already defined.

Reason:

This is an internal error.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0131E – Attempt to move or copy data items of incompatible data types.

Reason:

This is an internal error.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0132E – Illegal buffer address(es), outside of range for device.

Reason:

One or more fields, that is literals, prompts, system variables, or user variables, are placed such that the row, column address of the field is not within the display presentation space of the target device.

The display presentation space starts in the upper left corner as row 1, column 1, and proceeds left to right, and top to bottom, until the lower right hand corner. The lower right hand corner is defined as RxC, where R is the number of rows, and C is the number of columns. These values differ between devices.

The generator terminated without changing or creating source files.

Action:

Verify that fields on the screen and templates that it uses, contain valid field placements. Run consistency checks and encyclopedia validation. If the problem persists, contact Technical Support. This is likely a model corruption problem.

CGB0133S – Required Object, Association, or Property missing, possible model corruption.

Reason:

During phase 1, metamodel transformation, the generator expected a particular object, association, or property required to successfully generate the screen and it was missing. This is likely caused by model corruption.

The generator terminated without changing or creating source files.

Action:

Run consistency checks and encyclopedia validation. If the problem persists, contact Technical Support. This is likely a model corruption problem.

CGB0134E – Too many maps, limit of 36 has been reached.

Reason:

A maximum of 36 maps can be defined per screen

The generator terminated without changing or creating source files.

Action:

Divide the screen into multiple screens or simplify the screen by eliminating dialects or devices, or both.

CGB0135E – Unexpected context error

Reason:

A context error was detected but not expected or within generator functions that expect or handle context errors.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

CGB0198S – Processing file filename at time of exception.

Reason:

The file caused an I/O exception. The previous message indicates the specific exception.

The generator terminated without changing or creating source files.

Action:

See the previous messages for details.

CGB0199S – Processing file filename at time of exception, error code=<error_code>, system error message=<system_message>.

Reason:

While processing the file, the generator detected an exception. error_code is the file error code the operating system or access method returned. The system message is the text of the message that the system issued for this error.

The generator terminated without changing or creating source files.

Action:

Contact Technical Support. For information you may need to provide when contacting Technical Support, see Appendix B: Problem Analysis Guidelines in this guide.

Chapter 3: Host Encyclopedia Messages

This chapter lists Host Encyclopedia Messages that can occur during CA Gen processing. Most messages are informational and intended to communicate updates about execution progress and inform you when the host returns control to the workstation. These messages are listed with the Encyclopedia command options.

Messages are divided into the following categories:

- General Host Encyclopedia Messages

- Communication errors

- Internal errors

- Transaction file errors

- Errors related to TSO datasets

- Upload/Download messages

General Host Encyclopedia Messages

These messages occur in many situations and are generally resolved on the workstation.

A board type must be selected under communications to complete this option.

In the Encyclopedia Communications pop–up window, the Board type is set to <NONE>.

A communications error has occurred. Check connection.

Check the physical connections in your area. If they are ok, contact your System Supervisor.

A session with the mainframe must exist before using this option.

Your host session must be active before using CA Gen to communicate with the host. Log on using Communications Manager and use an Encyclopedia command. If the error persists, try restarting CA Gen.

Attempted session is in use.

The session specified in your configuration is in use.

Checked out subset name is not the same as the current model.

The subset, model name, or both, in the download transaction file does not match the one on the workstation.

Command issued was not recognized by mainframe.

Download command not recognized by mainframe.

Encyclopedia version <x> models cannot be converted to version <x>.

Models must be converted on the host from one release to the next. You cannot skip releases.

CA Gen mainframe CLIST not found.

The CLIST file was not found. Contact your System Supervisor.

Mainframe logon has failed.

Mainframe returned error from processing command. 'CA Gen OK' not received.

The mainframe failing to complete the CA Gen commands can cause this error. For example, failing to complete IEFUP or IEFDOWN. A successful transmission always terminates with the OK message.

Must be logged on with a 'READY' prompt before performing this function.

Timeout waiting for host reply.

The Host Timeout Value field in the Encyclopedia Communications pop-up window of the Options command sets the timeout period.

Unable to connect to the specified session.

Check that communications are set up correctly in Options/Encyclopedia Communications. Be sure the session is defined to the mainframe system. You may need to contact your System Supervisor. If this error persists, try restarting CA Gen.

Unable to load application interface.

Check the Options settings, particularly the Board Type on the Encyclopedia Communications pop-up window.

Upload command not recognized by mainframe.

Communication Errors

The following messages indicate a hardware or software error. Make sure that a CA Gen-supported board is installed and that communication parameters were set correctly using the Options command. If the problem persists, contact your site System Supervisor.

- Direction, type and place has an invalid value.

- Error occurred during file transfer. Option not completed.

- Error opening the communication board.

- The mainframe keyboard is locked and cannot be unlocked.

- Tried to change the direction of transmission.

- Tried to change the type of transmission.

- Unknown type of communications error.

Internal Errors

The following messages indicate internal errors. Contact Technical Support.

- Internal error, invalid data block received during file transfer.

- Internal error, invalid object id.

- Internal error, too few association transactions.

- Internal error, too few object transactions.

- Internal error, too few property transactions.

- Internal error, too many association transactions.

- Internal error, too many object transactions.

- Internal error, too many property transactions.

- Internal error, unknown property type encountered.

- Internal error, unknown report data label.

Transaction File Errors

For errors relating to the Transaction file, contact your site System Supervisor.

Cannot open transaction file.

Close transaction file error.

Open transaction file error.

Positioning in transaction file error.

Read transaction file error.

TM: cannot open temporary transaction file.

Unknown transaction during reordering.

Write transaction file error.

Errors Related to Mainframe Datasets

For any errors related to the host dataset, contact your site System Supervisor.

Comm error. The received block shorter than expected.

I/O error when attempting to read/write the MF dataset.

Mainframe dataset error during open.

Mainframe dataset error during close.

Mainframe dataset error other than full, open or close.

The mainframe dataset failed to open for input.

The mainframe dataset failed to open for output.

Mainframe dataset full.

The mainframe dataset is a PDS, but no member was specified.

The mainframe dataset is not cataloged.

MF dataset organization is not supported by these routines.

MF dataset is sequential, a PDS member name was specified.

Request was for workstation to MF with no-replace. (member was found on PDS).

Request was for MF to workstation for a member of a PDS. (member not found).

The specified mainframe dataset name was not found.

The syntax/format of the mainframe dataset name was invalid.

Upload and Download Messages

The following lists errors received during upload and download in the course of CA Gen processing.

TIEC000E System Error: Error converting static schema tables. Contact CA GEN support.

TIEC001E System Error: SQL error encountered and recorded.

TIEC002E System Error: I/O error writing message record to transaction file.

TIEC003E System Error: I/O error writing report record to transaction file.

TIEC004E System Error: I/O error writing object record to transaction file.

TIEC005E System Error: I/O error writing property record to transaction file.

TIEC006E System Error: I/O error writing association record to transaction file.

TIEC007E System Error: I/O error writing header record to transaction file.

TIEC008E User [userid] does not have encyclopedia access.

TIEC009E Model [model name] not found in the encyclopedia.

TIEC010E Subset [subset name] not found in the encyclopedia.

TIEC011E User [userid} does not have access to this subset or model.

TIEC012E System Error: Error reading transaction file [RC=xx]. Processing stopped before end-of-file.

TIEC013E System Error: Error processing transaction file.

TIEC014E System Error: Invalid tran code [trancode] found while reading/writing transaction file.

TIEC015E System Error: Invalid label [label] found while reading/writing transaction file.

TIEC016E Upload failed.

TIEC017E System Error: Invalid property type [property type] encountered while reading/writing transaction file.

TIEC018E System Error: Invalid object type [object type] encountered while reading/writing transaction file.

TIEC019E System Error: Invalid object type [object type] encountered while adding property. Object ID: xx Object Type: xx Prop Type: xx

TIEC020E System Error: Object ID [ID] in a delete object transaction was not found.

TIEC021E System Error: Expected text property not found in encyclopedia. Object ID: xx Prop Type: xx

TIEC022E System Error: Object ID [ID] to be deleted has associations. Delete invalid.

TIEC023E System Error: Invalid association type [association type} encountered while reading/writing transaction file.

TIEC024E System Error: Invalid object/property pair encountered while reading/writing transaction file. Object ID: xx Object Type: xx Prop Type: xx

TIEC025E System Error: Could not find object/property/association type code in schema tables.

TIEC026E System Error: Text to be modified was not found in the encyclopedia. Object ID: xx Prop Type: xx

TIEC027E System Error: Property to be modified was not found in the encyclopedia. Object ID: xx Prop Type: xx

TIEC028E System Error: Object ID in an Add property transaction was not found in the encyclopedia. Object ID: xx Prop Type: xx

TIEC029E System Error: Invalid property format [xx] encountered while reading/writing transaction file.

TIEC030E System Error: Undefined error condition - - RC = [xx]. Contact CA GEN support.

TIEC031E System Error: Error in download program parameters. Contact CA GEN support.

TIEC032E Transaction file has already been applied.

TIEC033E System Error: Object ID [ID] in an Add association transaction was not found. Asc Type: xx From ID: xx To ID: xx Prev ID: xx Next ID: xx

TIEC034E System Error: Association type to be added was not valid. Asc Type: xx From ID: xx To ID: xx Prev ID: xx Next ID: xx

TIEC035E System Error: Association to be deleted not found in the encyclopedia. Asc Type: xx From ID: xx To ID: xx

TIEC036E System Error: Object ID [ID] in a Delete association transaction was not found. Asc Type: xx From ID: xx To ID: xx

TIEC037E Resource conflict - retry later.

TIEC038E System Error: workstation software version [xx] not supported.

TIEC039E Cannot add the model. Model name [model name] already exists in the encyclopedia.

TIEC040E System Error: Error reading header transaction.

TIEC041E User [userid] cannot add this model. User is not authorized to create new models.

TIEC042E Trying to update a model which is not checked out to user [userid]. Model is checked out to [userid].

TIEC043E Trying to update a model which is not checked out to a workstation.

TIEC044E Model [model name] is already check out to a workstation.

TIEC045E System Error: Association type to be deleted was not valid. Asc Type: xx From ID: xx To ID: xx

TIEC046E System Error: Ordered association is invalid. Reason code = [xx].Asc Type: xx From ID: xx To ID: xx Prev ID: xx Next ID: xx

TIEC047E System Error: Object ID [ID] in a Modify association was not found. Asc Type: xx From ID: xx To ID: xx Prev ID: xx Next ID: xx

TIEC048E System Error: Unable to resequence ordered association. Ran out of incremental sequence numbers/number of associations in chain > 32766.

TIEC049E User [userid] cannot upload this model. User is not the user who checked out the model.

TIEC050E System Error: Object ID in a Modify object transaction was not in the encyclopedia. Object ID: xx Object Type: xx

TIEC051E System Error: Generated object ID [ID] has exceeded maximum allowed for a subset.

TIEC052E System Error: Subset max object ID [ID] invalid. Conflicts with objects currently in the encyclopedia.

TIEC053E System Error: Upload without checkin is not allowed for an apply of a model.

TIEC054E System Error: Object ID [ID] was not found in Child_Parent _XREF table during conversion.

TIEC055E System Error: Object ID [ID] was not found in CE_TO_IR table during conversion.

TIEC056E User attempted to upload a version of the model that was not the last version checked out workstation Timestamp: mm/dd hh:mm:ss MF timestamp: mm/dd hh:mm:ss

TIEC057I See [usually 'userid.ief.logfile'] for more information.

TIEC058I * Position in transaction file ***Tran No: xx Byte Count: xx**

TIEC059I The precompiler-generated timestamp in the load module differs from the bind timestamp. Contact CA GEN support.

TIEC060I Added new scoping object to subset definition. Type: xx Name: xx (Protection Code: xx)

TIEC061I Modified Prot. code for scoping obj. in subset definition Type: xx Name: xx (Protection Code: xx)

TIEC062E System Error: Model update was successful, but unable to update model history table. Contact CA Gen support.

TIEC063I User has Read Only access to model or subset. Changes may not be returned to Central Encyclopedia.

TIEC064E Model cannot be downloaded to a toolset with earlier schema once it has been downloaded to a toolset with [xx}schema.

TIEC065I Model has been converted to [xx] schema - subsequent downloads to toolsets with earlier schemas will not be allowed.

TIEC066E System Error: Trying to add ordered association, but association is defined as non-ordered in schema tables.Asc Type: xx From ID: xx To ID: xx Prev ID: xx Next ID: xx

TIEC067E System Error: Trying to add non-ordered association, but association is defined as ordered in schema tables.Asc Type: xx From ID: xx To ID: xx Prev ID: xx Next ID: xx

TIEC068E User attempted to upload a version of the model with a different codepage or language. workstation Codepage: xx MF Codepage: xx workstation Language: xx MF Language: xx

TIEC069E PC schema of "?" is not compatible with a model release of "?"

TIEC070E Commit points are out of sequence. Current commit: x Previous commit: y

TIEC071E Committed all transactions through commit point x.

TIEC072E Upload option not allowed for download of subset.

TIEC073E Maximum number of objects exceeded for physical structure: object type "?".

TIEC074E System Error: Error writing transaction file.

TIEC075E System Error: Trying to delete ordered association, but association is defined as non-ordered in schema tables.

TIEC076E System Error: Trying to delete non-ordered association, but association is defined as ordered in schema tables.

TIEC077E System Error: Object ID "?" in DSUBEX table was not found in DOBJ table.

TIEC078E System Error: Host Ency ID not set properly: Contact Ency Admin.

TIEC080E Input transaction file is in error status.

Chapter 4: Client Server Encyclopedia Messages

This section contains the following topics:

Message Dispatcher Messages

ERROR: INI FILE <NAME> PROCESSING FAILED.

Reason:

An error was detected while processing the ini file.

Action:

Review the IEFMD.INI file to ensure there are no syntax errors in the file. The last few lines of mdinit.01 have some indication of where the error occurred.

MESSAGE DISPATCHER……………………………….COMM SETUP FAILED.

Reason:

There is a problem in the communications setup. For example, the MD Names or NodeNames in the iefmd.ini file may not be recognized by network name resolution services.

Action:

Review the IEFMD.01 file for more information about the problem.

MESSAGE DISPATCHER……………………………START SERVERS FAILED.

Reason:

A problem occurred starting the servers or utilities.

Action:

Review the server log files and the Message Dispatcher error messages for more information about the problem.

MESSAGE DISPATCHER……………………………START LINKED MDS FAILED.

Reason:

There was a problem starting a remote message dispatcher in a multi-message dispatcher environment.

Action:

Ensure the remote IEFRDS is running.

SEE LOG FILE <NAME> FOR FAILURE INFORMATION.

Reason:

This message is presented when any startup failure occurs.

Action:

Refer to the log file displayed.

ERROR: Logfile <logfile> could not be opened.

Reason:

The account under which the Message Dispatcher was started did not have permission to create the file named <logfile>.

Action:

Change the account permissions or the file system permissions so that the file can be opened.

MESSAGE DISPATCHER for <product_version> Starting at <date-time>.

Reason:

Informational message that reports the Message Dispatcher version and date and time it started.

Action:

None.

/MDERR = [set the File Name variable]

Reason:

The /MDERR command line parameter was present when the Message Dispatcher started. Standard output and standard errors messages are redirected to [set the File Name variable].

Action:

None.

Log files: <logfile.01> thru <logfile.<count>>

Reason:

Informational message that identifies the log files used by the Message Dispatcher.

Action:

None.

ERROR: INI file <name> processing failed. See end of <inifile> for error information.

Action:

See the named ini file in the error message for error information.

MESSAGE DISPATCHER.................................Comm Setup failed.

Action:

The diagnostic file, iefmd.<nn>, describes the details of this problem. This message occurs only in the first instance of these files, iefmd.01. For more detailed information, change LogLevel to DEBUG in the ThisMessageDispatcher section of the iefmd.ini file. Reset it to STANDARD after resolving the problem.

MESSAGE DISPATCHER.................................Start Servers failed.

The diagnostic file, iefmd.<nn>, describes the details of this problem. This message occurs only in the first instance of these files, iefmd.01. For more detailed information, change LogLevel to DEBUG in the ThisMessageDispatcher section of the iefmd.ini file. Reset it to STANDARD after resolving the problem.

MESSAGE DISPATCHER.................................Start Linked MDs failed.

MESSAGE DISPATCHER……………………………Ready.

Reason:

The Message Dispatcher completed initialization.

Action:

Proceed with Encyclopedia work.

<nodename> <env_name> <unit_name> <app_name> ………Ready.

Reason:

The CSE application <app_name> running at the communications service <nodename> <unit_name> is ready to use.

Action:

None.

MESSAGE DISPATCHER Shutdown Request received.

Reason:

The stopmd command was used to tell the Message Dispatcher to stop running.

Action:

Perform administrative operations and restart the Message Dispatcher as needed.

See log file <name> for failure information.

See the log file for failure information.

Initialization Error - <nodename> resolution failed.

Reason:

Host name or service name resolution failed while attempting to connect to an iefrds instance.

Action:

Verify that the <nodename> is correctly defined in the host name resolution and service name resolution services. Correct any problems found.

Connection Error - Make sure IEFRDS is running on remote node.

Reason:

The Message Dispatcher could not establish a connection to an iefrds instance.

Action:

Start the iefrds at continue operations.

Chapter 5: Build Tool for Distributed Platforms Messages

This section contains the following topics:

Command Line Processing Messages

Invalid command : enter BUILD,SPLIT,CLEAN,STATUS,SHUTDOWN,HELP,EXIT or QUIT

Reason:

You typed an invalid command.

Action:

Check the spelling.

Profile: [set the File Name variable] Not found

Reason:

The Build Tool command line processor failed to locate the file.

Action:

Check the spelling. Filename is case sensitive.

Filename: [set the File Name variable] Not found

Reason:

The Build Tool command line processor failed to locate the ICM or RMT file.

Action:

Check the spelling. The file name is case sensitive.

"Path: <path> Not found"

Reason:

The path does not exist.

Action:

Check the spelling.

Invalid User/Password or Server not Active

Reason:

You typed an invalid user ID, password, or server name.

Action:

Check the spelling. User ID, password, or server name may be case sensitive.

Invalid command entered.

Reason:

The Build Tool command line processor failed to recognize a command line parameter.

Action:

Check the command line parameters.

GUI Build Processing Messages

No directories found

Reason:

The Build Tool GUI processor failed to find subdirectories that contain .ICM or .RMT files in the initial directory.

Directory does not exist: <dirname>

Reason:

The Build Tool GUI processor failed to locate the directory you specified to search for models.

Action:

Check the spelling of the directory name.

Userid or Password is not valid. Retry login?

Reason:

You typed an invalid user ID or password.

Action:

Check spelling of the user ID or password.

Automatic Build: FAILED to locate load module file: [set the File Name variable]

Reason:

Autobuild processing failed to find the load module file.

Automatic Build: FAILED to create command file: <exception string>

Reason:

Autobuild failed to create the BTPIPE file to communicate between the Toolset and the Build Tool.

Automatic Build: FAILED reading command file: <exception string>

Reason:

Autobuild failed to read the BTPIPE file to communicate between the Toolset and the Build Tool.

Compose Failed: <exception string>

Reason:

The Build Tool Compose Processor failed to compose the build script.

Action:

Check the build script syntax.

<Remote filename>: Split Failed

Reason:

The Build Tool failed to split the RMT file.

Action:

Review the split results.

<directory>: User not authorized to perform action on this directory.

Reason:

Your access privileges do not include write access to the directory.

Action:

Check your access privileges to the directory.

Unable to complete request; Please add path for program xterm to your path

Reason:

The Build Tool GUI processor cannot execute the xterm command on the UNIX system to prepare for build processing.

Action:

Ensure that xterm is in the path.

Error creating toolset interface lock

Reason:

The toolset crashed without deleting the lock file BTSTART.

Action:

Delete the lock file BTSTART.

BTsecure: error reading the security file: <exception string>

Reason:

A security file exists and contains corrupted data.

Action:

Delete security file, user.security and recreate the security rules.

GUI Configuration Setting Messages

Error updating the configuration property: <property>

Reason:

The Build Tool configuration manager cannot store the property.

GUI Profile Management Messages

Failed storing profile file: <exception string>

Reason:

The Build Tool profile manager could not save the profile file.

Action:

Review exception string provided to correct storage failure

GUI Deployment Messages

Validation Error: Product Version value is invalid, must be ###.###.#####

Reason:

The product version is not in the correct format.

The URL is not valid

Reason:

The URL is not valid.

The path is empty

Reason:

The path associated with the URL does not exist.

Validation Error: All user-entered data providers require a connection string because the Build Tool cannot supply a default valuel.

Reason:

All user-entered data providers require a connection string for assembly.

GUI Remote Host Connectivity Messages

Remote host not Available

Reason:

The remote hostname does not exist or the Build Tool failed to reach it.

Port number must be between 2048 and 65000

Reason:

The port number is invalid.

Action:

Change the port number and try to connect again.

GUI Load Module Test Messages

Load Module Test: Port number must be a valid numeric value

Reason:

The port number to communicate with the Diagram Trace Utility is invalid.

Action:

Change the port number and try again.

Build Tool Server Messages

Port number is already in use. Server is terminating

Reason:

You cannot start multiple Build Tool servers with the same port number.

Action:

Use a different port number.

Chapter 6: Runtime Messages

The Implementation Toolset generates two types of messages, runtime messages and Implementation Toolset messages. For information about the Implementation Toolset messages, see the Implementation Toolset guides.

For information about SQL errors, see the documentation for the DBMS you are using.

Note: The term remote file superseded the use of the term Implementation Package (IP). There are still references to IPs in some CA Gen guides, or on some screens. The terms are synonymous.

Common Runtime Messages

TIRM000E – SYSTEM ERROR OCCURRED – CONTACT SUPPORT

Reason:

This is the default message displayed when a CA Gen-generated online application experiences a failure. It is normally preceded by a screen of messages describing the failure in more detail. However, it sometimes appears when the message to describe a failure was not found in the runtime error message table.

Action:

Use other information about the failure to correct the cause of the failure or contact Technical Support.

TIRM001E – ENTER A NON-ZERO VALUE AT THE CURSOR

Reason:

The application user entered invalid data in a mandatory numeric field.

Action:

Enter non-zero numeric data in the field.

TIRM002E – ENTER A NON-BLANK VALUE AT THE CURSOR

Reason:

The application user entered invalid data in a mandatory text field.

Action:

Enter non-blank data in the field.

TIRM003E – INPUT AT CURSOR DOES NOT MATCH DEFINED PATTERN

Reason:

The application user entered data that did not match the edit pattern defined for the field.

Action:

Enter data in the field that matches the edit pattern for the field.

TIRM005E – ENTER A VALID DATE AT THE CURSOR

Reason:

The application user entered a date in an input field that violated the days per month, months per year, or leap year validation rules.

Action:

Enter a valid date in the field.

TIRM006E – ENTER A VALID TIME AT THE CURSOR

Reason:

The application user entered a time in an input field that violated the seconds per minute, minutes per hour, or hours per day validation rules.

Action:

Enter a valid time in the field.

TIRM010E – ENTER ALPHABETIC CHARACTERS AT THE CURSOR

Reason:

The application user entered non-alphabetic characters in an input field that requires alphabetic characters, A-Z, a-z, or blank.

Action:

Enter only alphabetic characters in the field.

TIRM011E – ENTER NUMERIC CHARACTERS AT THE CURSOR

Reason:

The application user entered characters in a numeric input field other than numeric digits (0-9), plus sign (+), minus sign (-), decimal point (.) or blank.

Action:

Enter only valid numeric characters in the field.

TIRM021E – VALUES ARE <values>

Reason:

The application user entered a value in an input field that did not match the permitted values for the field.

Action:

Enter one of the permitted values in the field. <values> lists the permitted values.

TIRM022E – REQUIRED VALUES ARE <values>

Reason:

The application user did not enter mandatory data in a field that has defined permitted values.

Action:

Enter one of the permitted values in the field. <values> lists the permitted values.

TIRM023E – UNFORMATTED INPUT PARAMETER EXCEEDS MAXIMUM SIZE

Reason:

The application user entered a clear screen input parameter, from a clear screen or through a NEXT TRAN, that was longer than the import field.

Action:

Proceed with the transaction from the formatted screen, entering the correct value.

TIRM024E – TOO MANY UNFORMATTED INPUT PARAMETERS ENTERED

Reason:

The application user entered more clear screen input parameters, from a clear screen or through a NEXT TRAN, than are defined for the procedure step.

Action:

Proceed with the transaction from the formatted screen, entering the correct values.

TIRM025E – INVALID UNFORMATTED INPUT KEYWORD

Reason:

The application user entered an undefined keyword in the clear screen input parameters, from a clear screen or through a NEXT TRAN.

Action:

Proceed with the transaction from the formatted screen, entering the correct values.

TIRM026E – INVALID UNFORMATTED INPUT SYNTAX

Reason:

The application user entered an undefined delimiter in the clear screen input parameters from a clear screen or through a NEXT TRAN.

Action:

Proceed with the transaction from the formatted screen, entering the correct values.

TIRM027E – CONFLICTING UNFORMATTED INPUT PARAMETERS

Reason:

The application user entered the same clear screen input parameter, from a clear screen or through a NEXT TRAN, more than once. A mixture of positional and keyword parameters can also cause more than one input value to match to the same import view.

Action:

Proceed with the transaction from the formatted screen, entering the correct values.

TIRM028E – UNFORMATTED INPUT NOT ALLOWED IN THIS PROCEDURE

Reason:

The application user entered clear screen input for a procedure, from a clear screen or through a NEXT TRAN, that has no clear screen input defined.

Action:

Proceed with the transaction from the formatted screen.

TIRM029E – UNBALANCED UNFORMATTED INPUT STRING DELIMITER

Reason:

The application user entered clear screen input, from a clear screen or through a NEXT TRAN, that had an unpaired string separator. Strings must have separators at the beginning and end.

Action:

Proceed with the transaction from the formatted screen, entering the correct values.

TIRM030E – APPLICATION FAILED – UPDATES HAVE BEEN BACKED OUT

Reason:

The application experienced a fatal error. CA Gen restores the database to the last checkpoint or sync point state.

Action:

Messages that follow this message include more detail about the error. Note these messages if you need to contact Technical Support.

TIRM031E – FAILING PROCEDURE EXIT DATA FOLLOWS

Reason:

The application experienced a fatal error in a procedure step or action block. Messages that follow this message include more detail about the error.

Action:

Note these messages if you need to contact Technical Support.

TIRM032E – LAST OR CURRENT ACTION BLOCK ID = <ID>

Reason:

The application experienced a fatal error in the action block <ID>. Messages that follow this message include more detail about the error.

Action:

Note the action block ID number if you need to contact Technical Support.

TIRM033E – LAST OR CURRENT ACTION BLOCK NAME =

Reason:

The application experienced a fatal error in the action block <name>. Messages that follow this message include more detail about the error.

Action:

Note the action block name if you need to contact Technical Support.

TIRM034E – LAST OR CURRENT DATABASE STATEMENT = <number>

Reason:

The application experienced an error during or after the entity action database access statement <number>.

Action:

Note the statement number if you need to contact Technical Support.

TIRM035E – CURRENT STATEMENT BEING PROCESSED = <statement number>

Reason:

The application experienced an error at <statement number>.

Action:

Note the <statement number> if you need to contact Technical Support.

TIRM036E – ** FATAL VIEW OVERFLOW WAS ENCOUNTERED **

Reason:

The application experienced an error because an index value for an array associated with a repeating group exceeds the size of the array.

Action:

Examine the procedure action diagram to determine the cause of the index value exceeding the size of the array.

TIRM037E – ** FATAL ERROR WAS ENCOUNTERED **

Reason:

The application experienced an error for which there is no error handling routine.

Action:

Record all available information about the failure and contact Technical Support.

TIRM038E – ** FATAL DATABASE ERROR WAS ENCOUNTERED **

Reason:

The application experienced an error because the database management system returned an unacceptable return code.

Action:

See message TIRM039E.

TIRM039E – DB LAST STATUS =

Reason:

The application experienced an error because the database management system returned an unacceptable return code.

Action:

Note the status code appended to the message. These are the possible status codes:

- **BP**—Data is unusable because it fails to match permitted values for the field.

- **BT**—Non-numeric data detected in a numeric field.

- **CT**—A CREATE statement added a row to the database. An ASSOCIATE statement did not also create all mandatory relationships before exiting the diagram. The Enforce Data Modeling Constraints generation option causes the generator to detect this error.

- **DB**—An error was encountered in the SQL statements. The SQL code and supporting information follows this message.

- **DE**—An error was encountered in the IEF-supplied date or time duration modules.

- **DF**—A record with the current identifier already exists on the database, and the CREATE statement does not include the when duplicate found clause.

- **DU**—See the VU status code.

- **FE**—A non-recoverable error was encountered, usually an SQL error or database integrity problem.

- **IA**—Data retrieved from the database is unusable because it does not match the permitted values for a field after a database read.

- **IE**—An error was encountered in one of the IEF-supplied functions

- **ME**—When you choose the Enforce Data Modeling Constraints option for code generation, the generator creates checks to assure no mutually exclusive relationships exist in the database. If the constraint is violated, it sets the ME code and terminates the transaction.

  The CA Gen-generated code ensures that no ASSOCIATE action violates a defined mutually exclusive constraint. If any one member of the mutually exclusive set exists, none of the other members can exist. For example, A is related to B and to C in a mutually exclusive set. An action block reads A and attempts to ASSOCIATE it to B.

- **MU**—Mutually exclusive relationships exist in the database after an ASSOCIATE or a TRANSFER. The Enforce Data Modeling Constraints generation option causes the generator to detect this error.

- **NF**—The requested data was not found in the database, and the READ statement did not have a WHEN NOT FOUND exception.

- **OO**—When you choose the Enforce Data Modeling Constraints option, the generator creates checks to enforce one-to-one relationships. If this constraint is violated, it sets the OO code and terminates the transaction. To prevent the foreign keys of several different rows from pointing to the same related row, both ends of the relationship are checked before permitting an ASSOCIATE.

- **Q1 - Q6**—This series of status codes indicates an internal processing error occurred while performing Referential Integrity Trigger processing. Many conditions can cause this error, including an unfulfilled request for more memory, or so many cascaded deletes that processing could not handle them. Each code has the following meaning:

  - Q1 - Nothing found in disassociate queue

  - Q2 - Parameter list error

  - Q3 - Error allocating memory

  - Q4 - Invalid request code or parameter list error

- Q5 - Parameter list error

- Q6 - Parameter list error

One of the most common reasons for many of these errors is that there is a mismatch between the model's Technical Design and the generated RI Trigger code. In these cases, regenerating the RI Trigger code and reinstalling the affected load modules often resolves the problem. When this fails to resolve the problem, contact Technical Support. Additional research may be necessary to identify the exact cause of the internal processing error.

- QD—When you choose the Enforce Data Modeling Constraints option for code generation, the generator creates checks to prevent quiet disassociations. If this constraint is violated, it sets the QD code and terminates the transaction.

  This constraint concerns the effect of overlaying the value in a foreign key when an ASSOCIATE action is applied to a one-to-many relationship. If the foreign key is populated without cascade delete logic, the effect is the same as a DISASSOCIATE action. This is called a quiet disassociation because it executes without performing any database integrity checks.

  The CA Gen-generated code ensures that before performing an ASSOCIATE action, the attribute on which the foreign key is based is null. If not, the association requested must match the one that already exists. The association exists if the value of the foreign key equals the value of the attribute on which it is based. If the foreign key is not null and not the same value as the requested key, the transaction fails.

- RE—An error was encountered in the processing of a DELETE or DISASSOCIATE statement. Database referential integrity would be compromised if the statement was permitted.

- VU—A view was not populated under one of the following conditions:

  1. In a READ qualified by a WHERE clause that uses CURRENT OF views, the view that should be CURRENT was not read or has gone out of scope.

  2. A view for an UPDATE was not populated and locked.

  3. An action block that uses a persistent view was called without a populated view and the action block attempted to use the view in a READ, UPDATE, ASSOCIATE, DISASSOCIATE or TRANSFER.

  4. One or more of the views in an ASSOCIATE or TRANSFER statement was not populated.

- LE—An error was encountered in processing BLOB in-memory data either before or after DATABASE access. Return code will be in hexadecimal and describe the failed operation as mentioned below.

- Invalid Handle: 0x00000001

- Invalid Data: 0x00000002

- Not Enough Memory: 0x00000004

-

TIRM040E – PERMITTED VALUES MISMATCH, FIELD = <ID>

Reason:

The application experienced an error because the data from a database field fails to match the permitted values defined for the field. The field failed the validation check before a write to the database.

Action:

<ID> is the field's Host Encyclopedia object ID.

TIRM041E – RETRIEVED DATA MISMATCH, FIELD = <ID>

Reason:

The application experienced an error because the data from a database field fails to match the permitted values defined for the field. The field failed the validation check after a database read.

Action:

<ID> is the field's Host Encyclopedia object ID.

TIRM042E – *** PROFILE ERROR DETECTED ***

Reason:

The application experienced an error in the Profile Manager runtime routine.

Action:

Note additional data appended to the message. Clear the screen and attempt the transaction again with the RESET command. If problems persist, contact Technical Support.

TIRM044E – *** PRESS PA2 TO CONTINUE ***

Reason:

The application experienced an error resulting in messages displaying on the screen.

Action:

Press the PA2 key.

TIRM045E – DATA DOESN'T MATCH TYPE, ATTRIBUTE = <ID>

Reason:

The application experienced an error because the data from a database field was inconsistent with the attribute's text, date, time, or number property. The invalid data was detected before writing to the database.

Action:

<ID> is the attribute's Host Encyclopedia object ID.

TIRM046E – *** TRANSACTION PROCESSING TERMINATED

Reason:

The application experienced a fatal error.

Action:

Proceed as directed on the screen.

TIRM047E – APPLICATION FAILED ** MUST ABEND

Reason:

The batch application experienced a fatal error, possibly because an action diagram contains an ABORT exit state.

Action:

Save the information in the TIRERRF and TIRMSGF files. If necessary, contact Technical Support.

TIRM048E – WILL ABEND VIA U0100

Reason:

The batch application experienced a fatal error, possibly because an action diagram has an ABORT exit state. An ABEND code of U0100 is the default for batch applications.

Action:

Save the information in the TIRERRF and TIRMSGF files. The TIRMSGF file indicates if an exit state with ABORT caused the ABEND. If so, determine the reason for the setting of the exit state. If necessary, contact Technical Support.

TIRM053E – CICS RETRIEVE COMMAND FAILED. CONDITION: SYSIDERR

Reason:

CICS was unable to provide the application program with a suitable session.

Action:

Refer to the RETRIEVE command, SYSIDERR condition, in the CICS/OS/VS Application Programmers Reference (Command Level) for more information.

TIRM054E – CICS START FAILED. CONDITION: SYSIDERR

Reason:

The SYSID option specifies a name that is undefined in the intersystem table or a system to which the link is closed.

Action:

Refer to the START command, SYSIDERR condition, in the CICS/OS/VS Application Programmers Reference (Command Level) for more information.

TIRM055E – CICS START FAILED. CONDITION: TRANSIDERR

Reason:

The transaction identifier in the START command cannot be found in the program control table, possibly due to specifying an incorrect trancode when using NEXT TRAN.

Action:

Refer to the START command, TRANSIDERR condition, in the CICS/OS/VS Application Programmers Reference (Command Level) for more information.

TIRM056E – CICS START FAILED. CONDITION: TERMIDERR

Reason:

The terminal identifier specified in the START command cannot be found in the program control table.

Action:

Refer to the START command, TERMIDERR condition, in the CICS/OS/VS Application Programmers Reference (Command Level) for more information.

TIRM057E – CICS SEND FAILED. CONDITION: TERMERR

Reason:

A terminal-related error occurred.

Action:

Refer to the SEND command, TERMERR condition, in the CICS/OS/VS Application Programmers Reference (Command Level) for more information.

TIRM058E – BAD RETURN CODE FROM CICS COMMAND

Reason:

A CICS RETRIEVE, START, or SEND command failed with an unexpected return code.

Action:

Run the transaction under CEDF to determine the command and return code. If necessary, contact Technical Support.

TIRM061E – INPUT RECEIVED NOT IN A RECOGNIZABLE FORMAT

Reason:

The application failed to process an input message it received because it was in an unrecognizable format. The input message must be clear screen input, a dialog flow message, or input from a formatted screen.

Action:

Clear the screen and retry the transaction. If problems persist, contact Technical Support.

TIRM062E – USER PROFILE ERROR: DUPLICATE KEY DETECTED

Reason:

The record retrieved from the runtime profile stack was placed on the stack by this user, but not during the current procedure step. These are possible causes for this error:

- More than one user logged on with the same user ID

- Under IMS, clearing the screen and entering a transaction before receiving a response to a prior transaction

Action:

Possible actions include:

- Ensuring only one user logs on with a user ID

- Press PA2 until the response to the first transaction is received.

Modify the User ID user exit to use terminal ID for the profile key instead of user ID.

TIRM063E – LENGTH FIELD IN DFHCOMMAREA DOES NOT EQUAL EIBCALEN

Reason:

A procedure executed in a CICS region and was passed a DFHCOMMAREA with an invalid format. This means the first two bytes did not contain a length that agrees with the length passed in the DFHEIBLK field called EIBCALEN.

Action:

1. If a non-CA Gen program flows to a CA Gen procedure using the CICS command EXEC CICS XCTL and passes a commarea, the commarea must include a two-byte binary length, a two-byte binary zero, and the transaction code. To ensure the length is always valid, use a procedure division statement such as SET WS–COMMAREA–LENGTH TO LENGTH OF WS–COMMAREA. Ensure that only one user logs on with a user ID.

2. If a commarea was pending for another transaction on the same terminal, a conflict exists that must be resolved. All procedures generated with the host construction option that uses XCTL FOR FLOWS WHEN POSSIBLE use a commarea to pass data on a dialog flow. Do not start two procedures on the same terminal, unless you can ensure that one completes before the other begins, or that they do not use a commarea.

TIRM092E – UNABLE TO FLOW TO AN UNPACKAGED PROCEDURE STEP

Reason:

The application user attempted to initiate a flow to a procedure step not packaged in a load module.

Action:

Proceed with the transaction, avoiding flows to the unpackaged procedure step. Remove the flow to the unpackaged procedure step; or, package the procedure step, generate and install the load module.

TIRM093E – NO HELP AVAILABLE FOR THIS SCREEN

Reason:

The application user requested HELP from an application screen that has no help ID defined.

Action:

Proceed with the transaction. To implement help for a screen, define a help ID for the screen and modify the user Help exit.

TIRM094E – NO HELP AVAILABLE FOR THIS FIELD

Reason:

The application user requested HELP from a field on an application screen that has no help ID defined.

Action:

Proceed with the transaction. To implement help for a screen field, define a help ID for the screen and field and modify the user Help exit.

TIRM095E – PROMPT IS VALID ONLY FOR ENTERABLE FIELDS

Reason:

The application user requested PROMPT from a field on an application screen that is not enterable.

Action:

Proceed with the transaction.

TIRM096E – DATA AVAILABLE FOR THIS FIELD

Reason:

The application user requested PROMPT from a field on an application screen that has no help ID defined.

Action:

Proceed with the transaction. To implement prompts for a screen field, define a help ID for the screen and field, and modify the user Help exit.

TIRM097E – YOU MAY HAVE A /SET TRAN ACTIVE, USE /RESET

Reason:

The IMS command /SET TRAN was previously entered to specify the destination of all input from the terminal.

Action:

Use command /RESET to deactivate the /SET TRAN command.

TIRM100E – INVALID INPUT FOR FIELD AT THE CURSOR

Reason:

The application user entered invalid data in the field.

Action:

Enter valid data in the field.

TIRM101E – TOO MANY DECIMALS INPUT FOR THE FIELD AT THE CURSOR

Reason:

The application user entered too many digits after the decimal point.

Action:

Enter a number with the same or fewer digits as specified in the edit pattern after the decimal point.

TIRM102E – TOO MANY DIGITS INPUT FOR THE FIELD AT THE CURSOR

Reason:

The application user entered too many digits in the field.

Action:

Enter a number with the same or fewer digits as specified in the edit pattern.

TIRM120E – CHNG ON ALT–IO–PCB FAILED RC = <return code>

Reason:

An IMS CHNG call using an alternate IO PCB failed with the return code in the message. Possible causes include attempting to switch to an undefined transaction code on a dialog flow or NEXT TRAN, or attempting to route the message to an undefined printer lterm.

Action:

Verify the transaction code or printer lterm is correct. Refer to the IMS Messages and Codes manual for an explanation of the return code.

TIRM121E – INVALID INPUT – PROCEDURE REQUESTED NOT FOUND

Reason:

The Dialog Manager failed to find the procedure step associated with the input map, or a RESTART of a transaction failed because the Dialog Manager did not find the procedure step to restart. The input map name may be corrupt or the name of the procedure step on the profile record is incorrect.

Action:

Contact Technical Support.

TIRM122E – NO CLEAR SCREEN PROCEDURE STEP FOR TRANCODE REQUESTED

Reason:

The Dialog Manager failed to find the procedure step associated with the transaction code entered from a clear screen or in a dialog flow message.

Action:

Verify the transaction code to load module mapping defined to the TP monitor is consistent with the load module packaging. If it is, contact Technical Support.

TIRM123E – NONSCREENED PROCEDURE STEPS MAY NOT BE RESTARTED

Reason:

The application user attempted to restart a non-screened procedure step. CA Gen does not permit using the restart command for non-screened procedure steps.

Action:

Proceed with a different transaction.

TIRM124E – SCROLL AMOUNT IS INVALID

Reason:

The application user entered invalid data in the scroll amount field.

Action:

Correct the scroll amount value and reenter.

TIRM125E – NO FIELD IDENTIFIED BY CURSOR

Reason:

An attempt was made to restart a CA Gen application and return data to the field for which a PROMPT request was made. The data was not returned because the field into which it was to be placed was not determined from the token in the message.

Action:

Verify the token in the restart message is correct, that it is the same as the token sent to the help system by the help exit. For more information, see the Help Exit section in the *Host Encyclopedia Construction User Guide*.

TIRM126E – RESTART WITH HELP DATA NOT ALLOWED FOR OUTPUT ONLY FIELDS

Reason:

An attempt was made to restart a CA Gen application and return data to the field for which a PROMPT request was made. The data was not returned because the field is an output-only field.

Action:

Verify the token in the restart message is the same as the token the help exit sent to the help system. For more information about the help exit, see the Help Exit section in the *Host Encyclopedia Construction User Guide*.

TIRM130E – INTERNAL ERROR: PARAMETERS INVALID – CONTACT SUPPORT

Reason:

A call to an IEF-supplied function failed because it received invalid parameters.

Action:

Contact Technical Support.

TIRM132E – SUBSTRING LENGTH EXCEEDS LENGTH OF INPUT STRING

Reason:

A call to the IEF-supplied function SUBSTR failed because the length specified for the substring exceeds the length of the input string.

Action:

Correct the substring length input to the function.

TIRM133E – SUBSTRING STARTING POSITION EXCEEDS LENGTH OF INPUT STRING

Reason:

A call to the IEF-supplied function SUBSTR failed because the starting position was beyond the length of the input string.

Action:

Correct the starting position input to the function.

TIRM134E – STARTING POSITION + LENGTH EXCEEDS LENGTH OF INPUT STRING

Reason:

A call to the IEF-supplied function SUBSTR failed because the starting position and length of the substring go beyond the length of the input string.

Action:

Correct the starting position and length input to the function.

TIRM135E – CONCATENATION OF INPUT STRINGS EXCEEDS 255 CHARACTERS

Reason:

A call to the IEF-supplied function CONCAT failed because the length of the concatenated input strings exceeds the maximum allowable length.

Action:

Correct the call to the function so the combined length of the strings is less than 256.

TIRM136E – NUMERIC INPUT PARAMETERS MUST BE POSITIVE

Reason:

A call to the IEF-supplied function DATEDAYS failed because the number of days was a negative number.

Action:

Correct the function call to ensure an entry of a positive number of days.

TIRM137E – INPUT DATE WAS NOT A VALID DATE

Reason:

A call to an IEF-supplied date function failed because of an invalid input date.

Action:

Verify the input date's month, day, and year are valid values.

TIRM138E – FORMAT OF INPUT DATE WAS NOT VALID

Reason:

A call to the IEF-supplied function DATETEXT failed because the input date was in an invalid format. Valid formats are YYYY-MM-DD, MM/DD/YY, MM/DD/YYYY, DD.MM.YYYY, and YYYYNNN.

Action:

Correct the format of the input date to the function.

TIRM139E – INTERNAL ERROR: DATE CALCULATED IS NOT VALID – CONTACT SUPPORT

Reason:

A call to an IEF-supplied date function failed because it could not calculate a valid date from the input. This is usually issued after a bad return code from the runtime routine TIRDATE.

Action:

Verify the date input to the function. If it appears correct, contact Technical Support.

TIRM140E – NUMBER OF DAYS INTEGER EXCEEDS 3,652,059

Reason:

A call to the IEF-supplied function DATEDAYS failed because the number of days exceeded 3,652,059.

Action:

Correct the input to the function.

TIRM141E – INPUT TIME WAS NOT A VALID TIME

Reason:

A call to an IEF-supplied time function failed because the input time was invalid. 00:00:00 to 23:59:59 are valid input times.

Action:

Verify the input time's values for hours, minutes, and seconds.

TIRM142E – FORMAT OF INPUT TIME WAS NOT VALID

Reason:

A call to the IEF-supplied function TIMETEXT failed because the input time was not in one of the valid formats. Valid formats are HH:MM:SS, HH.MM.SS, HH:MM AM, HH:MM PM, HH AM and HH PM.

Action:

Correct the format of the input time to the function.

TIRM143E – INVALID INPUT STRING: CANNOT CONVERT TO NUMERIC

Reason:

A call to the IEF-supplied function NUMTEXT failed because of an invalid input string. Valid characters are numeric digits 0-9, plus sign (+), minus sign (-), decimal point (.), and blank. The string must contain at least one numeric digit, only one sign character, only one decimal point, and no imbedded blanks.

Action:

Correct the input string to the function.

TIRM145E – INVALID LENGTH FOR STRING TO BE CONVERTED, 0 < LENGTH < 16

Reason:

A call to the IEF-supplied function NUMTEXT failed because the input string contained more than 16 characters.

Action:

Correct the input string to the function.

TIRM146E – ERROR OCCURRED IN CA Gen RUNTIME ROUTINE:

Reason:

An error occurred in a runtime routine called to compute a date or time duration. The message includes the name of the routine, TIRFDDUR for date duration or TIRFTDUR for time duration.

Action:

Correct the input string to the duration runtime routine.

TIRM147E – DATE INCREMENT WOULD RESULT IN AN INVALID DATE RANGE

Reason:

An error occurred in one of the runtime routines called to compute date duration, TIRFDDUR for date duration or TIRFTDUR for time duration. Incrementing the date by the input amount results in a date with a year less than 1 or greater than 9999.

Action:

Correct the input to the duration runtime routine.

TIRM148E – INTERNAL ERROR: CALCULATED TIME IS NOT VALID – CONTACT SUPPORT

Reason:

A call to the runtime routine for time durations, TIRFTDUR, failed because a of an invalid date calculated from the input. This usually occurs after a bad return code from the runtime routine TIRDATE.

Action:

Verify and correct the time to the runtime routine as necessary. If it appears correct, contact Technical Support.

TIRM149E – ERROR OCCURRED IN IEF SUPPLIED FUNCTION:

Reason:

A call to an IEF-supplied function failed. The name of the function is in the message.

Action:

Verify the input to the function is correct. If so, contact Technical Support.

TIRM152E – DATA CANNOT BE DELETED BECAUSE A RELATIONSHIP RESTRICTS THE DELETION

Reason:

An error was encountered in the processing of a DELETE or a DISASSOCIATE statement that would compromise database referential integrity.

Action:

Correct the action diagram or change the database rules in the data model.

TIRM153E – ROW NOT FOUND. PAD HAS NO EXCEPTION LOGIC FOR READ

Reason:

Exception logic was not included in the previous read and the current action is invalid based on the read results.

Action:

In the action diagram, add exception logic that contains the failing read statement.

TIRM154E – VIEW HAS NOT BEEN POPULATED

Reason:

A view was not populated because of one of the following conditions:

1. In a READ qualified by a WHERE clause that uses CURRENT OF views, the view that should be CURRENT was not read or has gone out of scope.

2. A view for an UPDATE was not populated and locked.

3. An action block that uses a persistent view was called without populating the view and the action block attempted to use the view in a READ, UPDATE, ASSOCIATE, DISASSOCIATE, or TRANSFER.

4. One or more of the views in an ASSOCIATE or TRANSFER statement was not populated.

Action:

Correct the action diagram. Usually there is a flow of control where a READ was assumed but not performed.

TIRM155E – DATA MODELING CONSTRAINTS HAVE BEEN VIOLATED

Reason:

Mutually exclusive relationships were found to exist in the database after an ASSOCIATE or a TRANSFER. This is only detected when the generation option Enforce Data Modeling Constraints is selected.

Action:

Correct the action diagram to conform to the rules of your data model, or change the rules in your data model.

TIRM156E – CREATE DID NOT SET MANDATORY RELATIONSHIP

Reason:

A CREATE statement added a row to the database without an ASSOCIATE statement creating all mandatory relationships before exiting the diagram. This is only detected if Enforce Data Modeling Constraints was selected as a generation option.

Action:

Correct the action diagram to conform to the rules of your data model, or change the rules in your data model.

TIRM158E – A COMMUNICATION ERROR WAS ENCOUNTERED ON THE CLIENT

Reason:

The client encountered a severe error and could not continue processing. The error message displays unexpected messages received from the client, listing the message text and number for the error, and the procedure step or action block name from the client.

Action:

Action depends on the error message. The message may not always be the same. Correct the error as directed in the message.

TIRM159E – A COMMUNICATION ERROR WAS ENCOUNTERED ON THE SERVER

Reason:

The server encountered a severe error and could not continue processing. The error message displays unexpected messages received from the server, listing the message text and number for the error, and the procedure step or action block name from the server.

Action:

Action depends on the error message. The message may not always be the same. Correct the error as directed in the message.

TIRM251E - DECIMAL PRECISION OVERFLOW

Reason:

An expression resulted in an overflow. To detect this message, the Implement in C, C#, and JAVA with Decimal Precision checkbox must be selected, and your application generated for C.

Action:

Correct the values in the expression, or add additional checks to avoid this scenario.

TIRM252E - DECIMAL PRECISION UNDERFLOW

Reason:

An expression resulted in an underflow. To detect this message, the Implement in C, C#, and JAVA with Decimal Precision checkbox must be selected, and your application generated for C.

Action:

Correct the values in the expression, or add additional checks to avoid this scenario.

TIRM253E - DECIMAL PRECISION DIVIDE BY ZERO

Reason:

An expression resulted in a divide by zero. To detect this message, the Implement in C, C#, and JAVA with Decimal Precision checkbox must be selected, and your application generated for C.

Action:

Correct the values used in the expression, or add additional checks to avoid this scenario.

TIRM254E - DECIMAL PRECISION INVALID DATA

Reason:

An expression detected invalid data. To detect this message, the Implement in C, C#, and JAVA with Decimal Precision checkbox must be selected, and your application generated for C.

Action:

Correct the values in the expression, or add additional checks to avoid this scenario.

TIRM301E - Error insufficient memory to perform external call

Reason:

This message indicates that enough memory is not available for performing an external call.

Action:

Clear memory and perform the external call again.

TIRM302E - Error deallocation error performing external call

Reason:

This message indicates that a deallocation error occurred while performing an external call.

TIRM303E - Error invalid handle trying to perform external call

Reason:

This message indicates that an invalid handle was trying to perform an external call.

Action:

Specify the correct handle and perform the external call again.

TIRM304E - Error invalid (NULL) value trying to perform external call

Reason:

This message indicates that a NULL value was trying to perform an external call.

Action:

Correct the value and perform the external call again.

TIRM305E - Error could not locate value trying to perform external call

Reason:

This message indicates that CA Gen could not locate the value that was trying to perform an external call.

TIRM306E - Error invalid conversion trying to perform external call

Reason:

This message indicates that an invalid conversion occurred while trying to perform an external call.

TIRM307E - Error value exceeds maximum digits performing external call

Reason:

This message indicates that the value trying to perform an external call exceeds the maximum number of digits that was specified.

Action:

Change the length of the Attribute in the Properties dialog.

TIRM308E - Error value exceeds maximum length performing external call

Reason:

This message indicates that the value trying to perform an external call exceeds the maximum number of characters that was specified.

Action:

Change the length of the Attribute in the Properties dialog.

TIRM309E - Error invalid value performing external call

Reason:

This message indicates that an invalid value was trying to perform an external call.

Action:

Correct the value and perform the external call again.

TIRM310E - Error invalid name trying to perform external call

Reason:

This message indicates that a value with an invalid name was trying to perform an external call.

Action:

Correct the name and perform the external call again.

TIRM311E - Error invalid namespace trying to perform external call

Reason:

This message indicates that an invalid namespace was specified while trying to perform an external call.

Action:

Correct the namespace and perform the external call again.

TIRM312E - Error invalid occurrence given trying to perform external call

Reason:

This message indicates that an invalid occurrence was specified while trying to perform an external call.

TIRM313E - Error invalid SOAPType performing external call

Reason:

This message indicates that an invalid SOAPType was specified while performing an external call.

Action:

Correct the SOAPType and perform the external call again.

TIRM314E - Error invalid operation name performing external call

Reason:

This message indicates that an invalid operation name was specified while performing an external call.

TIRM315E - Error invalid URL performing external call

Reason:

This message indicates that an invalid URL was specified while performing an external call.

Action:

Correct the URL and perform the external call again.

TIRM316E - Error invalid SOAPAction performing external call

Reason:

This message indicates that an invalid SOAPAction was specified while performing an external call.

Action:

Correct the SOAPAction and perform the external call again.

TIRM317E - Error invalid parent ID performing external call

Reason:

This message indicates that an invalid parent ID was specified while performing an external call.

Action:

Correct the parent ID and perform the external call again.

TIRM318E - Error duplicate UID performing external call

Reason:

This message indicates that a duplicate UID was specified while performing an external call.

TIRM319E - Error invalid XMLType performing external call

Reason:

This message indicates that the XMLType that was specified while performing an external call was invalid.

Action:

Correct the XMLType and perform the external call again.

TIRM320E - Error invalid occurs value performing external call

Reason:

This message indicates that the occurs value that was specified while performing an external call was invalid.

TIRM321E - Error invalid parent element type performing external call

Reason:

This message indicates that the parent element type that was specified while performing an external call was invalid.

Action:

Correct the parent element type and perform the external call again.

TIRM322E - Error occurred while performing external call

Reason:

This message indicates that an error occurred while performing an external call.

TIRM323E - Error UID could not be located performing external call

Reason:

This message indicates that the UID specified while performing an external call could not be found.

TIRM324E - Error invalid RGV level performing external call

Reason:

This message indicates that the RGV level specified while performing an external call was invalid.

TIRM401E - Error invalid handle found in performing LOB API call

Reason

This message indicates that the handle that is performing the LOB API call is invalid.

Action

Verify that the handle is initialized.

TIRM402E - Error invalid data found in performing LOB API call

Reason

This message indicates that while performing the LOB API call, invalid arguments were passed.

TIRM403E - Error insufficient memory to perform LOB API call

Reason

This message indicates that the memory was not sufficient to perform a LOB API call.

Action

Clear the memory and perform the call again.

Distributed Processing Messages

These are messages occur most often during execution of a Distributed Processing application and are displayed by the Distributed Processing Client (DPC) application when it detects errors in the client, server, TP Monitor, or communications programs that support processing a failed cooperative flow.

TIRM600E ERROR TRANSLATING THE COMMON FORMAT BUFFER INTO GURB BUFFER

Reason:

This message and messages TIRM601E, TIRM610E, and TIRM611E, indicate an error pertaining to the common format buffer. TIRM600E and TIRM601E apply to the host (server) platform. TIRM610E and TIRM611E apply to the workstation (client) platform.

The import view for one procedure step does not match the export view from another procedure step. Import and export are relative to the platform sending and the platform receiving.

Possible Causes:

- The views are mismatched. For example, if you change the length of a work attribute for the client application and regenerate the client application but not the server application, the views fail to match.

- The generated code for client application and the server application are out of sync.

- The code for the server application is not bound against the DB2 session that the CICS region can access.

Actions:

- Complete view matching for the application model.

- Regenerate and reinstall the client application and the server application.

- Ensure the generated code was hand modified.

- Ensure the server code is bound against the DB2 session that the CICS region can access.

TIRM601E ERROR TRANSLATING THE COMMON FORMAT BUFFER INTO VIEWS

See TIRM600E.

TIRM602E REMOTE COOPERATIVE PROCESSING WAS ACTIVE

While a Client/Server application was executing, an error occurred on the remote (server) platform.

This is an informational message that appears with messages TIRM603E and TIRM604E. This message is usually listed second. Message TIRM604E can help trace the flow.

TIRM603E PRESS ANY KEY TO EXIT

This message instructs you on how to exit the error report window.

This an informational message appears with messages TIRM602E and TIRM604E and is usually listed last.

TIRM604E PROCEDURE STEP AND TRANCODE TRACE BACK

This message helps diagnose the procedure step and clear screen transaction code that was active when an error occurred.

The information that follows this message lists:

- The procedure step executing when the error occurred.

- The dialog flow from procedure step to procedure step, up to the step where the error occurred.

- The clear screen transaction codes associated with the procedure steps.

This message appears with messages TIRM602E and TIRM603E and usually appears first.

TIRM605E ERROR OUT OF MEMORY

A failure occurred during processing of a cooperative flow request. The processing encountered an Out of Memory error.

TIRM606E CANNOT CONNECT TO CLIENT MANAGER QUEUE

Reason:

A client application cannot connect to the message queue for the CA Gen Client Manager.

Action:

Start the Client Manager. If the Client Manager is already started, close it and restart it.

Try the operation again after starting or restarting the Client Manager.

TIRM607E CANNOT CREATE A PUBLIC SYSTEM SEMAPHORE

Reason:

The client manager application cannot communicate with the CA Gen Client Manager.

Action:

Reboot the workstation to clear memory and try again.

Note: Even if rebooting corrects the problem, notify Technical Support about this error.

TIRM608E ERROR WRITING TO CLIENT MANAGER QUEUE

Reason:

A client application cannot add a message to the message queue for the CA Gen Client Manager.

Action:

Close unused desktop applications to make memory available for other applications to use. For example, message queues are held in memory. Without sufficient memory, an application may not be able to create a queue or add to one.

Stop the Client Manager and restart it.

Reboot the client workstation and retry the operation.

If the corrective actions fail, contact Technical Support.

TIRM609E ERROR SENDING/RECEIVING MESSAGE

A failure occurred while processing a cooperative flow request. A generic send/receive failure occurred in some remote processing that was involved in servicing a failed cooperative flow request. The failure did not occur in the client environment. It occurred remote to the client. For example, the failure occurred in a Communications Bridge. The cause of the failure must be further investigated at its source, for example, review Communications Bridge log files.

TIRM610E ERROR TRANSLATING THE COMMON FORMAT BUFFER FOR INPUT

See TIRM600E.

TIRM611E ERROR TRANSLATING THE COMMON FORMAT BUFFER FOR OUTPUT

See TIRM600E.

TIRM612E ERROR TRYING TO ACQUIRE A SOCKET

An error occurred between the CA Gen Communications Bridge and the UNIX operating system and the Communications Bridge could not acquire a socket from TCP/IP.

TIRM613E ERROR CONNECTING SOCKET TO REMOTE SERVER

An error occurred between the platform on which the CA Gen Communications Bridge resides and TCP/IP.

TIRM614E ERROR SENDING SECURITY MESSAGE

This message indicates an invalid user ID or password.

TIRM615E ERROR RECEIVING STREAM MESSAGE

The CA Gen Communications Bridge could not receive a message from TCP/IP.

TIRM616E INVALID REPLY LENGTH FOR WINDOW

Reason:

The Communications Bridge received a message that was too large, greater than 32K bytes.

Action:

Verify the export views in the server procedure steps return only the minimum amount of information to complete a unit of work. Make sure you check the size of repeating group views.

TIRM617E ERROR SENDING STREAM MESSAGE

Reason:

TCP/IP could not receive a message from the CA Gen Communications Bridge.

Action:

- Ensure the workstation on which the Communications Bridge resides is running.
- Ensure the Communications Bridge is executing.

- Ensure TCP/IP is executing.

- Verify the communication link is active. Conduct an echo test using the ping command between the Communications Bridge platform and the host platform.

TIRM618E ERROR DISCONNECTING FROM HOST

Reason:

The workstation on which the CA Gen Communications Bridge resides did not disconnect correctly from the UNIX host. Ordinarily, the Communications Bridge remains connected to the host and can be disconnected only by shutting down the Bridge.

Because the Communications Bridge has no display interface, this message appears in the log file for the Bridge.

Action:

Ensure the Communications Bridge workstation is running and contact Technical Support to report this error.

TIRM619E UNKNOWN ERROR ACCESSING SERVER

An error occurred during TCP/IP communications. The specific cause for the error could not be determined.

Review the log file for the Communications Bridge and the UNIX log file. Contact Technical Support to report this error and the information in the log files.

TIRM620E ERROR ACCESSING COMMUNICATIONS SERVER QUEUE

Type: Client/Server Communications

This message, and messages TIRM621E, TIRM622E, TIRM623E, and TIRM624E, deal with communications between TCP/IP and the Communications Bridge.

The two main executable files for the Communications Bridge are COMMSRVN and UXPSRV. The two files must both be running for the Communications Bridge to function correctly.

Possible Corrective Actions:

- Ensure that TCP/IP is executing.

- Verify that the UXPSRV.EXE file is present (has not been deleted, for example).

- Ensure that UXPSRV is executing.

- Ensure that the environment variable UXP_QUEUENAME is set to the same name for both COMMSRVN and UXPSRV. The queue name used by them must match. The queue name is automatically set when you start the Communications Bridge (COMMSRVN).

- Ensure that you start the Communications Bridge with COMMSRVN and not UXPS UXPSRV. COMMSRVN sets the UXP_QUEUENAME variable and then starts UXPSRV.

- If you are running multiple copies of the Communications Bridge, ensure that each combination of COMMSRVN and UXPSRV has a unique queue name.

- Ensure that the Server transaction requested is defined to CICS in all regions.

TIRM621E ERROR CREATING SEMAPHORE, CAN'T ACCESS SERVER

Type: Client/Server Communications

See TIRM620E.

TIRM622E ERROR SETTING SERVER SEMAPHORE BEFORE CALL

Type: Client/Server Communications

See TIRM620E.

TIRM623E ERROR WRITING TO SERVER QUEUE

Type: Client/Server Communications

See TIRM620E.

TIRM624E ERROR WAITING ON SERVER SEMAPHORE

Type: Client/Server Communications

See TIRM620E.

TIRM625E ERROR IN THE COMMUNICATIONS THREAD TIRCOMM

The Communications Bridge could not diagnose an error from function TIRCOMM.

TIRM626E ERROR CLIENT/SERVER SEND/RECV PROTOCOL NOT IN SYNC

This is a generic error message that indicates a processing error occurred during an asynchronous cooperative flow. It indicates that the application logic attempted to execute an improper sequence of asynchronous processing statements.

It may indicate that an Async Request ID is already in use and cannot be used on the failed request, or that the application invoked an invalid or unexpected asynchronous cooperative flow statement.

TIRM629E ERROR CLIENT MANAGER COULD NOT SEND DATA TO SERVER

A generic error message indicating a client application could not communicate with the target server application.

TIRM630E ERROR CLIENT MANAGER TERMINATED

The user stopped the Client Manager. The Client Manager was waiting for a response from the host when it stopped.

TIRM631E ERROR LINK OR RETURN EXITSTATE NOT SET ON HOST

Reason:

The flow from the server application did not return to the client application. The action diagram logic used for a server procedure step did not set an exit state. An exit state is required to cause the flow to return to the client application.

Action:

Review the procedure action diagrams (PADs) for the server application. Determine the condition that caused the PAD to complete execution without setting an exit state. Ensure that the condition sets an exit state.

TIRM632E ERROR TRANCODE REQUESTED DOES NOT EXIST

The transaction code requested does not exist or cannot be found. For example, the UNIX transaction code is not in the AEENV file.

TIRM633E ERROR CONNECTION TO DATABASE FAILED

Reason:

The database connection information is not in the AEENV file on the UNIX platform.

Action:

Check the AEENV file on UNIX. Ensure that all transaction codes are associated with a database user ID. Some database user IDs can also be associated with a password. The AEENV file must include the database user ID and password. The format is:

```
transaction_code load_module_name userID password
```

TIRM634E ERROR FAILURE OCCURRED IN THE CLIENT SECURITY TOKEN EXIT

An error code was issued from a customized security token exit WRSECTOKEN.

TIRM635E ERROR BUFFER OVERWRITE OCCURRED IN THE CLIENT SECURITY TOKEN EXIT

Reason:

The token generated by the customized security token user exit, WRSECTOKEN, exceeded the maximum length available.

Action:

Reduce the length of the generated token to the length passed into WRSECTOKEN through the tokenLen argument. Set tokenLen to the current length of the generated token.

TIRM636E ERROR FAILURE OCCURRED IN THE CLIENT ENCRYPTION EXIT

A customized security encryption exit issued an error code.

TIRM637E ERROR BUFFER OVERWRITE OCCURRED IN THE CLIENT ENCRYPTION EXIT

Reason:

The length of the encrypted data generated by the security encryption exit WRSECENCRYPT() exceeded the available buffer size.

Action:

This exit may not return encrypted data, argument encryptView, whose length exceeds the length in the maxViewLen argument. Reduce the encrypted length of your view to maxViewLen.

TIRM638E ERROR FAILURE OCCURRED IN THE CLIENT DECRYPTION EXIT

An error code was issued from a customized security decryption exit.

TIRM639E ERROR BUFFER OVERWRITE OCCURRED IN THE CLIENT DECRYPTION EXIT

Reason:

The length of the decrypted data generated by the security decryption exit WRSECDECRYPT exceeded the available buffer size.

Action:

This exit may not return decrypted data, argument encryptView, whose length exceeds the length in the maxViewLen argument. Reduce the decrypted length of the view to maxViewLen.

TIRM640E ERROR DECRYPTION FAILED TO DECRYPT AND ENCRYPTED MESSAGE

Reason:

The security decryption exit WRSECDECRYPT() was passed an encrypted view, but returned a code indicating no decryption occurred. Since the flow cannot continue with an encrypted view, the flow issues this message and terminates.

Action:

The customization of WRSECDECRYPT() must handle decryption of the view and return the appropriate DecryptionUsed flag.

TIRM641E DECRYPTION USER EXIT NOT INSTALLED

TIRM642E CLIENT SECURITY VALIDATION PARSE ERROR

TIRM643E CLIENT SECURITY USER EXIT NOT INSTALLED

Reason:

The client is attempting to use the client userid and password for security validation. The server security exit has not been modified to perform security validation. The client security user exit (WRSECTOKEN) and the server's client security validation exit (TIRSECV) must both be modified to use the Enhanced Security features of CA Gen.

Action:

If using CA Gen security features, modify the server security validation exit, TIRSECV. See the documentation included with TIRSECV code for more details.

If not using CA Gen security features, remove the modifications from the client security validation exit, WRSECTOKEN. For more information, see the documentation included with WRSECTOKEN source code.

TIRM644E ENCRYPTION USER AREA EXCEEDS 32K

TIRM645E ENCRYPTION USER EXIT NOT INSTALLED

TIRM650E USED PROCEDURE STEP NOT FOUND

TIRM651E USED PROCEDURE STEP ROUTING ERROR

TIRM652E USED PROCEDURE STEP SEND FORMAT ERROR

TIRM653E USED PROCEDURE STEP ENCRYPTION ERROR

TIRM654E USED PROCEDURE STEP SEND BUFFER ERROR

TIRM655E USED PROCEDURE STEP RECEIVE BUFFER ERROR

TIRM656E USED PROCEDURE STEP RECEIVE FORMAT ERROR

TIRM657E USED PROCEDURE STEP TIRSECR ERROR

TIRM658E USED PROCEDURE STEP SECURITY TOKEN GENERATION ERROR

TIRM659E USED PROCEDURE STEP SEND MAX SIZE ERROR

TIRM660E USED PROCEDURE STEP SECURITY GENERATION ERROR

TIRM661E USED PROCEDURE STEP CONVERSATION ALLOCATION ERROR

TIRM662E USED PROCEDURE STEP CONVERSATION CONNECTION ERROR

TIRM663E RECEIVED USE PROCEDURE STEP XERR RESPONSE

TIRM664E RECEIVED USE PROCEDURE STEP CFB UA ERROR

TIRM665E RECEIVED USE PROCEDURE STEP CFB EXIT STATE ERROR

TIRM666E RECEIVED USE PROCEDURE STEP XFAL RESPONSE

TIRM667E USED PROCEDURE STEP SETOA ERROR

TIRM668E RECEIVED USE PROCEDURE STEP CFB VIEW ERROR

TIRM669E RECEIVED USE PROCEDURE STEP DECRYPTION ERROR

TIRM670E FROM PROCEDURE STEP

An informational message, usually output with other error messages, to indicate the name of the procedure step that initiated a cooperative flow request.

TIRM671E TO PROCEDURE STEP

An informational message, usually output with other error messages that indicate the procedure step that is the target of a cooperative flow request.

TIRM672E LOCAL USED PROCEDURE STEP WRITEQ ERROR

TIRM673E LOCAL USED PROCEDURE STEP CANCEL ERROR

TIRM701E ERROR BAD CONVERSION ID

TIRM702E ERROR BAD LU ALIAS

The APPC cannot find the specified LU_alias among those configured.

TIRM703E ERROR BAD RETURN CONTROL

TIRM704E ERROR BAD RETURN STATUS WITH DATA

TIRM705E ERROR BAD SECURITY

TIRM706E ERROR BAD SYNC LEVEL

TIRM707E ERROR BAD TP ID

TIRM708E ERROR DEALLOCATION OF BAD TYPE

TIRM709E ERROR INVALID DATA SEGMENT

TIRM710E ERROR NO USE OF SNA SVC MANAGER

TIRM711E ERROR PIP LENGTH INCORRECT

TIRM712E ERROR SEND DATA INVALID TYPE

TIRM713E ERROR UNKNOWN PARTNER MODE

The partner (host) LU alias is incorrect.

TIRM714E ERROR PARAMETER CHECK

TIRM715E ERROR CONFIRMED BAD STATE

TIRM716E ERROR DEALLOCATION CONFIRM BAD STATE

TIRM717E ERROR DEALLOCATION FLUSH BAD STATE

TIRM718E ERROR RECEIVE AND WAIT BAD STATE

The conversation is not in a receive or a send state. The application flowed to the host platform and executed, but did not return to the client platform.

TIRM719E ERROR SEND DATA NOT SEND STATE

TIRM720E ERROR TOO MANY TPS

TIRM721E ERROR STATE CHECK

A network connection could not be established.

TIRM722E ERROR ALLOCATION FAILURE NO RETRY

TIRM723E ERROR ALLOCATION FAILURE RETRY

TIRM724E ERROR CONVERSATION TYPE MISMATCH

TIRM725E ERROR PIP NOT ALLOWED

TIRM726E ERROR PIP NOT SPECIFIED CORRECTLY

TIRM727E ERROR SECURITY NOT VALID

TIRM728E ERROR SYNC LEVEL NOT SUPPORTED

TIRM729E ERROR TP NAME NOT RECOGNIZED

Reason:

The client application specified a program name that CICS does not recognize.

Action:

Verify the transaction code is included in the proper tables on CICS.

Verify the transaction code is associated with the correct load module. On CICS, execute the transaction CEMT I TRA(trancode) to see the matching load module.

Check if you changed a transaction code for the server application. If so, you must regenerate and reinstall the client window managers.

TIRM730E ERROR TRANSACTION PROGRAM NOT AVAIL NO RTRY

TIRM731E ERROR TRANSACTION PROGRAM NOT AVAIL RETRY

TIRM732E ERROR ALLOCATION ERROR

TIRM733E ERROR DEALLOCATION ABEND

The server application terminated abnormally on the host platform. The source of the error notification is the server application or the communications infrastructure supporting the execution of the distributed processing request.

TIRM734E ERROR DEALLOCATION ABEND PROGRAM

The server application terminated abnormally on the host platform. The server application or the partner LU issued a DEALLOCATE verb that specified the type ABEND_PROG.

TIRM735E ERROR DEALLOCATION ABEND SVC

The server application terminated abnormally on the host platform. The server application or the partner LU issued a DEALLOCATE verb that specified the type ABEND_SVC.

Note: Generate the server application with trace only if you think you have a problem in the PAD logic. After you solve the problem, regenerate the server application without trace code and reinstall the application.

CA reserves the right to change the current trace implementation for server applications.

TIRM736E ERROR DEALLOCATION ABEND TIMER

The server application terminated abnormally on the host platform. The server application or the partner LU issued a DEALLOCATE verb that specified the type ABEND_TIMER.

TIRM737E ERROR DEALLOCATION NORMAL

The server application on the host issued a DEALLOCATE verb of type FLUSH or type SYNC_LEVEL with the synchronization level of the conversation specified as NONE.

TIRM738E ERROR PROGRAM ERROR NO TRUNCATION

TIRM739E ERROR PROGRAM ERROR TRUNCATION

TIRM740E ERROR PROGRAM ERROR PURGING

The server application on the host issued a SEND_ERROR verb that specified type PROG. The server application was in a Receive, Pending Post, or Confirm state.

TIRM741E ERROR CONVERSION FAILURE NO RETRY

A permanent failure ended the conversation. A retry cannot re-establish the conversation.

TIRM742E ERROR CONVERSION FAILURE RETRY

A temporary failure prematurely ended the conversation. Possible causes include the server workstation was notified of a session outage occurring in the network, or the host platform deactivated the session in the middle of the conversation.

TIRM743E ERROR SVC ERROR NO TRUNCATION

TIRM744E ERROR SVC ERROR TRUNCATION

TIRM745E ERROR SVC ERROR PURGING

TIRM746E ERROR UNSUCCESSFUL

TIRM747E ERROR CONVERSATION TYPE MIXED

The server application on the host issued basic and mapped conversation verbs on the same conversation.

TIRM748E ERROR CANCELLED

TIRM749E ERROR TP BUSY

TIRM750E ERROR COMM SUBSYSTEM ABENDED

The APPC did not execute a communications verb because APPC abnormally ended.

Check the error log for the Communications Manager to determine the reason for the abnormal termination.

TIRM751E ERROR COMM SUBSYSTEM NOT LOADED

APPC did not execute a communication verb because APPC is not executing.

TIRM752E ERROR INVALID VERB SEGMENT

TIRM753E ERROR UNEXPECTED DOS ERROR

TIRM754E ERROR STACK TOO SMALL

TIRM755E ERROR INVALID VERB

TIRM756E ERROR ERR

TIRM757E ERROR UNDEFINED TP NAME

TIRM758E ERROR ATTACH MANAGER INACTIVE

TIRM759E ERROR ALLOCATE NOT PENDING

TIRM760E ERROR INVALID PROCESS

TIRM761E ERROR IMS MESSAGE

TIRM800E ERROR BAD SEND PROTOCOL

TIRM801E ERROR BAD SEND PROTOCOL

TIRM802E ERROR IMS ERROR

TIRM803E ERROR INVALID SEND BUFFER

TIRM804E ERROR INVALID RECEIVE BUFFER

TIRM805E ERROR UNABLE TO OBTAIN APPC VERB

TIRM806E ERROR UNABLE TO OBTAIN ACSSVC VERB

TIRM807E ERROR COMMUNICATION IF STATE ERROR

TIRM902E SECURITY: INVALID USER ID

Security validation processing detected an invalid user ID associated with this cooperative flow request.

TIRM903E SECURITY: INVALID PASSWORD

Security validation processing detected an invalid password associated with this cooperative flow request.

TIRM904E SECURITY: USER ID NOT AUTHORIZED FOR THIS FUNCTION

Security validation processing detected the user ID associated with this cooperative flow request is not authorized for the requested processing.

TIRM905E SECURITY: SYSTEM UNAVAILABLE

Security validation processing detected some aspect of the system processing the request is unavailable and cannot proceed with authorizing the associated cooperative flow request.

TIRM906E SECURITY: USERID SUSPENDED

Security validation processing detected the user ID associated with this cooperative flow request is suspended.

TIRM907E SECURITY: USER NEEDS TO REREGISTER

Security validation processing detected the user ID associated with this cooperative flow request needs to re-register.

TIRM908E SECURITY: TIMEOUT; PLEASE LOGON

Security validation processing detected the period of time granting access to the user ID associated with this cooperative flow request expired. The user access timed out and requires the user re-submit a logon request.

TIRM909E SECURITY: INTERNAL ERROR

Security validation processing detected an undetermined internal error while processing the associated cooperative flow request.

Appendix A: ABEND Codes

This appendix lists Block Mode messages for z/OS that can occur during CA Gen processing. The components used in generating, supporting, and executing a block mode application may detect error conditions. In the case of the execution framework manager, the only mechanism is ABENDs. The generator writes error messages to a log file the user can display.

This appendix frequently uses these acronyms:

- ACT - Argument Conversion Table
- MWA - Map Work Area
- RCB - Runtime Control Block
- SVT - Service Vector Table

z/OS Enhanced Map Block Mode ABEND Codes

When an application abnormally terminates, it returns a four-character ABEND code.

1001/C001

Reason:

The SVT entry for a specific service routine indicates that the service is not loaded in memory. The dynamic load routines failed to locate or load the service module.

The task or transaction abnormally terminates without saving uncommitted changes to the database.

Action:

A construction or installation error are the most likely causes of this ABEND. When the runtime statically links with the application load module, a link edit error occurs when the link edit fails to include the runtime routines.

When the runtime dynamically links, failure to find or load the runtime routines causes this ABEND. These are possible causes for failure to find the routines:

- The modules are in a library that is not in the STEPLIB/JOBLIB concatenation for the user
- The modules are not in the system linklist search path
- The modules are not loaded into the LPA/ELPA

1002/C002

Reason:

An invalid service request code was passed to the service router. The code must be a known, valid service request code.

The task or transaction abnormally terminates without saving uncommitted changes.

Action:

This is most likely an application error caused by sending an invalid request code to the service router, TIROUTE. Correct the code problem that caused the invalid code.

Generated code calls TIROUTE and passes it a request code to identify the requested runtime service. The request code must be non-negative and within a specific range.

A mismatch in versions between TIROUTE and the generated application program can also cause the problem. The generated code must use the same, or a higher version of the runtime libraries.

1003/C003

Reason:

The runtime execution environment cannot be found. This ABEND results from a call to TIROUTE to invoke a runtime service, without TIREFI creating an execution framework. TIREFT destroys the execution framework. These routines are called from TIRMAIN.

The task or transaction abnormally terminates without saving uncommitted changes.

Action:

This is most likely a construction error caused by linking the wrong version of TIRMAIN into the application.

1004/C004

Reason:

The argument list for a service request is invalid.

The task or transaction abnormally terminates without saving uncommitted changes.

Action:

This is most likely a programming error resulting from passing an invalid parameter list to the service router, TIROUTE. The request code passed to the service router indicated a parameter list that was not passed, or the passed argument list did not conform to the one expected for the service. Correct the code problem causing the invalid parameter list passed to the router.

1005/C005

Reason:

You cannot allocate the execution framework management data areas, RCB, SVT, MWA, and ACT lists.

The task or transaction abnormally terminates without saving uncommitted changes.

Action:

Lack of region or free memory to allocate the data areas that manage the execution framework for the runtime routines is the most likely cause of this ABEND. Make more storage available for the process.

Total storage required for these data areas is typically less than 16KB, with 8KB allocated below the 16MB line for 24-bit storage. The data areas are allocated to manage and reuse the execution framework for the runtime routine.

The RCB anchors all other data areas, and creates, reuses, and destroys the execution framework. In IMS and TSO, a save area back chain locates the RCB address. Under CICS, read the temporary storage queue where TIREFI stores the RCB address.

The SVT manages service processors, their entry addresses, and execution attributes. The SVT resolves static and dynamically linked runtime routines.

The MWA is a general work area used exclusively by the block mode mapping runtime routines. It is persistent in the life of the application instance, and reused between various block mode services.

The ACT is a variable array of ACT entries, each representing argument domain and sequence information for each service. TIROUTE uses it to map arguments from the application variable space to and from the runtime variable space.

1006/C006

Reason:

Failure to delete a dynamically loaded service routine causes this ABEND.

The task or transaction abnormally terminates without saving uncommitted database changes.

Action:

This is most likely an SVT table corruption or a second attempt to delete a dynamically loaded service routine module. The runtime routine TIRMAIN includes the only call to make to TIREFT. User code and generated application code should not call this routine.

A memory corruption problem can also cause this problem, especially if the SVT is corrupt.

1007/C007

Reason:

The release of execution framework management data areas, the RCB, SVT, MWA, or ACT, failed.

The task or transaction abnormally terminates without saving uncommitted database changes.

Action:

This is most likely an execution framework management runtime programming error caused by attempting to free main storage more than once, or attempting to free main storage the transaction does not own.

1008/C008

Reason:

A request was made to the never-call service.

The task or transaction abnormally terminates without saving uncommitted database changes.

Action:

A construction problem most likely caused this ABEND. The generated application code makes many calls to TIROUTE to request runtime services. Some of these services are valid only in specific environments. When the application loads and TIREFI creates the execution framework, the invalid services in the environment are marked as NeverCall services in the SVT. Attempting to access the service from an application causes this ABEND.

Copying or reinstalling code generated for one environment to a different environment without regenerating the code can cause this, for example, copying code generated for IMS/MFS to CICS.

Appendix B: Problem Analysis Guidelines

This section contains the following topics:

z/OS Enhanced Map Block Mode

When you encounter a problem with the enhanced block mode map generator, these guidelines may assist in collecting information to diagnose and correct the problem. These guidelines are initial guidance only. While determining the problem, Technical Support may not ask for all of this information, and may ask for information or actions not included here.

The generator writes all diagnostic output to a log file. Under workstation toolsets that invoke the generator, the log file has the same name as the member name of the screen it is generating, with an extension of ERR. Under z/OS, the file is allocated to a file named <&userid..IEF.LOGFILE>. The TSO user ID replaces the file name's prefix. Under z/OS, since there is only one logfile, it is important to only perform generation on the failing screen and no other component. Each generation replaces the contents of the log file.

If the generator successfully generates the source file, but the file fails to execute properly, Technical Support may need the contents of the generated source file. Check the identification comment section to verify the source file was generated for the correct platform, environment, and I/O support. It is not possible to use a CICS application on TSO or IMS, or to use a TSO or IMS application on CICS. Under some conditions the application may seem to work.

Ensure that MFS format definitions successfully compile and install into your IMS format libraries when generating for MFS and that the correct version of the application load module is used. Do not mix the MFS format definitions between the enhanced and standard generators because they are not compatible. Do not use an MFS format generated by the standard generator with code produced by the enhanced generator, and do not use an MFS format generated by the enhanced generator with code produced by the standard generator. If this does not fix the problem, Technical Support may need the generated code and the MFS source file.

If you see incorrect behavior for system fields, verify the system field is only defined once. It can be defined multiple times when the system field is defined on a template, and defined on a screen that uses the template. Because a screen may use any number of templates, the definition may be repeated multiple times on different templates.

If the generator causes a program check exception, Technical Support may require the screen being generated. You may need to define the use of any of the following features:

- **Template usage**—one or more, including contents of each template and when they are used by other screens.

- **System Field usage**— including the fields used, when they are used on templates and when they are used by this screen.

- **Scroll**—does the screen use scrolling repeating group views? If so, what are the cardinalities, placed and max? What is the setting of the protected unused occurrences property? Are any of the system scroll fields used such as scroll location or scroll amount? If so, for which ones is the scrolling property turned on for the screen?

- Transaction file errors

- Errors related to TSO datasets

- Upload and Download messages

- Repeating group views placed on the screen—what are the structures of the various repeating groups?

Retry the generation specifying the standard map generator. This is performed on z/OS by selecting STANDARD in the map generation options, on the construction dialog. On all the workstation platforms, the definition of an environment variable, named TIMAPGEN selects the generator used. To select the standard generator, set TIMAPGEN=1. To select the enhanced generator, set the variable to TIMAPGEN=2, or omit the definition.