

# Natural System Error Messages 4401-4450

## NAT4404: Error in internal subroutine.

Text	Error in internal subroutine.
Actn.	Note error and contact Software AG.

## NAT4405: The selected number is out of range.

Text	The selected number is out of range.
Expl.	You may only select numbers for global variables that are displayed on the screen.
Actn.	Enter correct number for selection.

## NAT4406: Number for selection of global variable is missing.

Text	Number for selection of global variable is missing.
Expl.	A number from the display screen must be entered to select a global variable for processing.
Actn.	Enter correct selection number.

## NAT4407: End of global variable list.

Text	End of global variable list.
Expl.	All global variables have been displayed successfully.
Actn.	Check program and correct error.

## NAT4408: Unknown function, enter "?" for help.

Text	Unknown function, enter "?" for help.
Actn.	Enter valid function, or "?" for help information on valid functions for global variables.

## NAT4409: Contents of work area will be deleted.

Text	Contents of work area will be deleted.
Expl.	The requested function will delete the source object which is currently in the source work area.
Actn.	- If you do not wish the source to be deleted, leave the function with PF12, SAVE the source, and then perform the function. - Otherwise press ENTER and continue.

**NAT4410: This file number already exists.**

Text	This file number already exists.
Expl.	Each DDM must have a unique file number.
Actn.	Correct the file number.

**NAT4411: File number does not correspond to file name for replace.**

Text	File number does not correspond to file name for replace.
Expl.	When you catalog a VSAM DDM to a VSAM system file using the REPLACE option, the file name (number) must already exist on the VSAM system file, so as to avoid duplicate records. If a new DDM is to be cataloged with the layout of an old one, use an unused file name and file number and catalog without the REPLACE option.
Actn.	Catalog the DDM with a file name (number) that does not exist on the VSAM system file. Do not use the REPLACE option in this case.

**NAT4412: Format must be "A", "P", "N", or "B".**

Text	Format must be "A", "P", "N", or "B".
Expl.	Possible formats are: A - alphanumeric N - numeric unpacked P - packed numeric B - binary
Actn.	Enter valid field format.

**NAT4413: Length of an alphanumeric variable must not exceed 253.**

Text	Length of an alphanumeric variable must not exceed 253.
Actn.	Enter valid length for variable.

**NAT4414: The length of a binary variable must not exceed 126.**

Text	The length of a binary variable must not exceed 126.
Actn.	Enter valid length for binary variable.

**NAT4415: Overall length of numeric field (nn.m) must not exceed 29.**

Text	Overall length of numeric field (nn.m) must not exceed 29.
Expl.	The overall length of a numeric field, i.e. the aggregate number of digits before and after the decimal character, must not exceed 29.
Actn.	Enter valid length for numeric variable.

**NAT4416: No more than 7 positions allowed after decimal character.**

Text	No more than 7 positions allowed after decimal character.
Expl.	For a numeric variable, the number of digits AFTER the decimal character must not exceed 7.
Actn.	Enter valid number of digits after decimal character.

**NAT4417: REPLACE only valid for DDM contained in VSAM system file.**

Text	REPLACE only valid for DDM contained in VSAM system file.
Expl.	A DDM may not be cataloged with the REPLACE option being used, unless the DDM already exists in the VSAM system file.
Actn.	Do not use the REPLACE option, unless the DDM already exists in the system file.

**NAT4418: Name for global variable must start with a "+".**

Text	Name for global variable must start with a "+".
Expl.	The name of a global variable must begin with a "+".
Actn.	Enter "+" as the first character in the name of the global variable.

**NAT4419: Invalid variable name.**

Text	Invalid variable name.
Expl.	The name of a global variable must begin with the character "+" and must be built according to the rules for variable names. The name must not contain a blank character.
Actn.	Enter a valid name for the variable.

**NAT4420: Global variable already exists.**

Text	Global variable already exists.
Expl.	While creating a new global variable, or while changing the name of a global variable, another global variable with the same name was found.
Actn.	Enter a different name for the global variable.

**NAT4421: Currently there is no DDM in the source area.**

Text	Currently there is no DDM in the source area.
Expl.	The catalog (C) or test (T) function was specified, but no DDM was found in the Natural source area.
Actn.	Read a DDM into the source area, or edit or generate a DDM.

**NAT4422: REDEFINE not permitted for this field.**

Text	REDEFINE not permitted for this field.
Actn.	Check program and correct error.

**NAT4423: Index permitted only for per.group/multiple-value field.**

Text	Index permitted only for per.group/multiple-value field.
Expl.	An index can only be specified for a periodic group or a multiple-value field.
Actn.	Check program and correct error.

**NAT4424: Maximum number of dimensions within a structure is 3.**

Text	Maximum number of dimensions within a structure is 3.
Actn.	Check program and correct error.

**NAT4425: Initial value not permitted for view fields.**

Text	Initial value not permitted for view fields.
Actn.	Check program and correct error.

**NAT4426: Edit mask not allowed for group or periodic-group field.**

Text	Edit mask not allowed for group or periodic-group field.
Actn.	Check program and correct error.

**NAT4427: Edit mask not permitted for structure.**

Text	Edit mask not permitted for structure.
Actn.	Check program and correct error.

**NAT4428: Struct./view level must be 1-99; no variable in data area.**

Text	Struct./view level must be 1-99; no variable in data area.
Expl.	The level number for a structure/view must be 1 - 99. Another reason for this error is that no variable is defined in the data area.
Actn.	Check program and correct error.

**NAT4429: Level numbers must be assigned in increments of 1.**

Text	Level numbers must be assigned in increments of 1.
Actn.	Check program and correct error.

**NAT4430: Invalid level specification.**

Text	Invalid level specification.
Actn.	Check program and correct error.

**NAT4431: Invalid character in name field.**

Text	Invalid character in name field.
Actn.	Check program and correct error.

**NAT4432: Blank not permitted in name.**

Text	Blank not permitted in name.
Actn.	Check program and correct error.

**NAT4433: Format/length must not be specified for this field type.**

Text	Format/length must not be specified for this field type.
Actn.	Check program and correct error.

**NAT4434: Invalid format.**

Text	Invalid format.
Actn.	Check program and correct error.

**NAT4435: Invalid length or format specification.**

Text	Invalid length or format specification.
Actn.	Check program and correct error.

**NAT4436: Do not specify length with format "C", "D", "L", "T".**

Text	Do not specify length with format "C", "D", "L", "T".
Expl.	For fields of the following formats, no length can be specified: D - date T - time L - logical C - attribute control
Actn.	Check program and correct error.

**NAT4437: Length specification for format "F" must be 4 or 8.**

Text	Length specification for format "F" must be 4 or 8.
Expl.	Floating-point fields can only have format/length F4 or F8.
Actn.	Check program and correct error.

**NAT4438: Invalid length for format "A" or "B" or "I".**

Text	Invalid length for format "A" or "B" or "I".
Expl.	Valid length for format A is 1 - 253. Valid length for format B is 1 - 126. Valid length for format I is 1, 2, 4.
Actn.	Check program and correct error.

**NAT4439: Invalid object type specified in command.**

Text	Invalid object type specified in command.
Expl.	The object type specified in the command LIST, EDIT, etc. was incorrect. Valid object types are: P - program T - text S - subroutine Z - recording N - subprogram K - server 7 - function R - routines (LIST) H - help routine D - data areas (LIST) C - copycode D - Predict description (EDIT) G - global data area CL - class L - local data area DI - dialog A - parameter data area CP - command processor M - map
Actn.	Enter valid command.

**NAT4440: Length must be specified in form "nn" or "nn.n".**

Text	Length must be specified in form "nn" or "nn.n".
Expl.	Length must be specified as "nn" (no decimal digits) or as "nn.n" (nn digits before and n digits after decimal character)
Actn.	Check program and correct error.

**NAT4441: Maximum length for decimal digits is 7.**

Text	Maximum length for decimal digits is 7.
Expl.	There must be no more than 7 digits after the decimal character.
Actn.	Check program and correct error.

**NAT4442: Maximum length for numeric value is 29.**

Text	Maximum length for numeric value is 29.
Actn.	Check program and correct error.

**NAT4443: Data area was tested successfully.**

Text	Data area was tested successfully.
Expl.	The data area was tested successfully using the CHECK command. Note that a final syntax check of the generated DEFINE DATA statement is NOT done by the CHECK function but by the CATALOG/STOW command.
Actn.	No action required.

**NAT4444: Error in Miscellaneous field.**

Text	Error in Miscellaneous field.
Expl.	The specification in the Miscellaneous field is invalid. See the Natural documentation for valid specifications.
Actn.	Supply valid specification for Miscellaneous field.

**NAT4445: Only "B", "V", "R" or blank permitted for type.**

Text	Only "B", "V", "R" or blank permitted for type.
Actn.	Check program and correct error.

**NAT4446: Level for substructure must be = or GT previous level.**

Text	Level for substructure must be = or GT previous level.
Expl.	The level for a substructure must be the same as or greater than the previous level.
Actn.	Check program and correct error.

**NAT4447: Variable definition required following structure definition.**

Text	Variable definition required following structure definition.
Actn.	Check program and correct error.

**NAT4448: Modification of range/format may delete INIT/EM values.**

Text	Modification of range/format may delete INIT/EM values.
Expl.	A field is defined with initial values or with an edit mask. If the range/format of this field is changed, the initial values will remain if they fit into the changed index range definition; if they do not fit, they will be deleted.
Actn.	Make sure you do not lose any initial values or edit masks you wish to keep.

**NAT4449: Initial values not permitted; F/L missing for user field.**

Text	Initial values not permitted; F/L missing for user field.
Actn.	Check program and correct error.

**NAT4450: Periodic group within periodic group is not allowed.**

Text	Periodic group within periodic group is not allowed.
Expl.	A periodic group must not be defined within another periodic group.
Actn.	Correct view definition.