Natural System Error Messages 1501-1550

NAT1501: Insufficient control information for :1: file :2:.

Text	Insufficient control information for ... file ....
Expl.	Either there is insufficient DCB for a READ statement, or a RECFM=F parameter has been specified for a variable WRITE operation. A possible reason is an incompatible DCB specification in job control.
Actn.	Ensure that the referenced work file has previously been used as an output file. If the file is unlabelled, ensure that the characteristics of the files agree with previous WRITE.

NAT1502: Permanent physical I/O error.

Text	Permanent physical I/O error.
Expl.	The work file cannot be processed because of permanent I/O errors. Possible reason is a physical damage to the file.
Actn.	Contact your Natural administrator.

NAT1503: Work file :1: closed within READ WORK FILE loop.

Text	Work file ... closed within READ WORK FILE loop.
Expl.	Within a READ WORK FILE processing loop, another Natural program or subprogram has caused the closing of the work file, either by an explicit CLOSE WORKFILE statement or implicitly due to an end-of-file condition during a READ WORK FILE processing loop. If the work file has been closed, an open READ WORK FILE loop for the work file must be exited with an ESCAPE BOTTOM statement.
Actn.	Correct error.

NAT1504: READ end-of-file reached but no AT END processing coded.

Text	READ end-of-file reached but no AT END processing coded.
Expl.	The READ WORK FILE ONCE option was specified and the file has reached the end-of-file condition. This condition should be checked with an AT END OF FILE clause.
Actn.	Correct program.

NAT1505: Invalid data for numeric input field.

Text	Invalid data for numeric input field.
Expl.	The READ WORK FILE SELECT option checks all data fields for valid input data. A non-numeric value was found in a field defined as numeric.
Actn.	Check program and correct error.

NAT1506: Packed numeric value and variable definition do not match.

Text	Packed numeric value and variable definition do not match.
Expl.	A READ WORK FILE statement without the RECORD option is attempting to read a packed variable that is defined with an even number of digits (e.g. P6, P5.1). However, the numeric data in the work file does not fit into the variable, but would require an odd number of digits where the number of digits is one more than the current definition. A possible reason is that the data has been written to the work file using another variable definition or using redefinitions.
Actn.	Increase the number of digits in the variable definition by one so that the number of digits is odd, or check the application that wrote the data to the work file.

NAT1507: The output work file :1: is full.

Text	The output work file ... is full.
Expl.	The space allocated for an output work file is not large enough to hold all the records written by the Natural program.
Actn.	Ask your Natural administrator to increase the size of the output work file.

NAT1508: The :1: file :2: is already open for another user.

Text	The ... file ... is already open for another user.
Expl.	The print or work file is being used by another user and cannot be shared by users.
Actn.	Check concurrent programs to ensure that they are not using the same file.

NAT1510: Record too small for :1: file :2:.

Text	Record too small for ... file ....
Expl.	For z/VSE systems, this message indicates that the WLRERR exit was entered for a reader using DTFDI or a work file using DTFMT or DTFSD. For z/OS systems, this message indicates that for RECFM=F the record is shorter than the dataset record length and padding by blanks (print files) or nulls (work files) is not allowed. Record padding is controlled by the subparameter PAD of the PRINT or WORK parameter.
Actn.	Contact your Natural administrator to ensure that the Natural JCL has been specified correctly. For z/OS systems, start the session with subparameter PAD=ON to allow record padding or correct your application.

NAT1511: WRITE WORK FILE issued after READ WORK FILE.

Text	WRITE WORK FILE issued after READ WORK FILE.
Expl.	A work file can be created within a Natural program and subsequently read within it, but not vice versa. If a work file has been opened as a result of executing a READ WORK FILE statement, the execution of a WRITE WORK FILE statement will generate a runtime error.
Actn.	Check program and correct error.

NAT1512: Record too large for :1: file :2:.

Text	Record too large for ... file ....
Expl.	The length of the record to be written exceeds the output dataset record length and truncation by blanks (print files) or nulls (work files) is not allowed. Record truncation is controlled by the subparameter TRUNC of the PRINT or WORK profile parameter.
Actn.	Start the session with subparameter TRUNC=ON to allow record truncation or correct your application program or correct the output dataset record length, e.g. by profile subparameter LRECL.

NAT1513: Error occurred when closing work file :1:.

Text	Error occurred when closing work file ....
Actn.	Contact your Natural administrator.

NAT1514: Not supported file organization for :1: file :2:.

Text	Not supported file organization for ... file ....
Expl.	Currently, Natural only supports sequential files as work files.
Actn.	Check file organization of the file to be processed and correct it.

NAT1515: Too many work files open in parallel.

Text	Too many work files open in parallel.
Expl.	This Natural version is active under Com-plete. Com-plete has the restriction that not more than 5 work files (SD-files) can be processed in parallel by one transaction. Therefore, Natural checks to ensure that not more than 5 are opened at the same time. It is possible that in a set of subsequent transactions more than 5 work files can be processed, but not more than 5 at a time.
Actn.	Reduce number of work files in use.

NAT1516: GETMAIN error on open for :1: file :2:.

Text	GETMAIN error on open for ... file ....
Expl.	There is not enough main storage to satisfy a GETMAIN request that is issued when the specified file is opened.
Actn.	Increase the size of the storage thread. For non-thread environments increase the available region or partition size.

NAT1517: FREEMAIN error on close for :1: file :2:.

Text	FREEMAIN error on close for ... file ....
Expl.	A FREEMAIN request failed when closing the specified file.
Actn.	Contact your Natural administrator.

NAT1518: GET or PUT to not opened :1: file :2:.

Text	GET or PUT to not opened ... file ....
Expl.	An internal error condition may have occurred.
Actn.	Contact your Natural administrator.

NAT1519: Invalid device type.

Text	Invalid device type.
Expl.	The device type for a printer is not a printer, or the device type for a work file is neither a tape nor a disk.
Actn.	Check JCL and correct error; if necessary, contact your Natural administrator.

NAT1520: Device or logical printer :1: not available.

Text	Device or logical printer ... not available.
Expl.	The device used to process a work file has not been assigned to the Natural program.
Actn.	Check JCL and correct error, or contact your Natural administrator.

NAT1521: Invalid variable record.

Text	Invalid variable record.
Expl.	The first 4 bytes of a variable input-work-file record do not constitute a valid record descriptor-word. The setting of the Natural parameter BWORKD may be incorrect.
Actn.	Check JCL or file and correct error, or contact your Natural administrator.

NAT1522: NATAMUSR: Access method exit NATAM9EX not installed.

Text	NATAMUSR: Access method exit NATAM9EX not installed.
Expl.	The User Access Method exit entry point NATAM9EX is not resolved in User Access Method module NATAMUSR.
Actn.	Check if the exit has an entry point NATAM9EX. Check if the exit is linked to module NATAMUSR.

NAT1525: This work file cannot be accessed with dynamic variables.

Text	This work file cannot be accessed with dynamic variables.
Expl.	Dynamic variables are only allowed in a READ WORK ... ONCE statement for a TYPE=STREAM work file.
Actn.	Do not use dynamic variables with this type of work file.

NAT1526: OFFSET keyword not allowed for an UNFORMATTED work file.

Text	OFFSET keyword not allowed for an UNFORMATTED work file.
Expl.	OFFSET specifies a read position relative to the start of a work-file record. In an UNFORMATTED work file, however, there is no concept of records, therefore the OFFSET keyword is not allowed. To position forward relative to the end of the field processed last, use the FILLER keyword.
Actn.	Correct error in program.

NAT1527: TYPE=UNFORMATTED work files not supported for this object.

Text	TYPE=UNFORMATTED work files not supported for this object.
Expl.	Work files of TYPE=UNFORMATTED can only be read and written by Natural programs that are compiled (CATALOGed, STOWed) under Natural Version 4 and above.

NAT1528: Invalid TYPE specified in DEFINE WORK statement.

Text	Invalid TYPE specified in DEFINE WORK statement.
Expl.	Valid work-file types are: "FORMATTED" for a regular, record-oriented work file. "UNFORMATTED" for a work file to be read or written as a byte stream.
Actn.	Specify a valid work-file type.

NAT1529: Name in DEFINE WORK not allowed for this work file.

Text	Name in DEFINE WORK not allowed for this work file.
Expl.	The work-file access method specified for this work file does not accept a name operand. The name operand is optional and can be omitted if the work file TYPE is specified.
Actn.	Correct error in program.

NAT1530: Invalid ASA control character for print file :1:.

Text	Invalid ASA control character for print file ....
Expl.	An invalid ASA control character has been found in the output record for the print file indicated in the error message. This occurs most likely with ASA=OFF in the Natural print-file definition, in which case it is the user"s responsibility to set a valid ASA control character.
Actn.	Check program and correct error.

NAT1531: Data transfer to/from Entire Connection failed.

Text	Data transfer to/from Entire Connection failed.
Expl.	- Writing output to the additional report TRANSFER requires Entire Connection protocol mode TCP/IP. - Entire Connection data transfer is not implemented in Natural for Windows.
Actn.	Set profile parameter ECPMOD to "ON" (the TCP/IP protocol is used).

NAT1532: Record length must not exceed 32 KB.

Text	Record length must not exceed 32 KB.
Expl.	The length of a record read/written with a READ/WRITE WORK FILE statement must not exceed 32 KB.
Actn.	Check program and correct error.

NAT1533: Invalid attribute value :1: in DEFINE WORK statement.

Text	Invalid attribute value ... in DEFINE WORK statement.
Expl.	One of the attribute values specified for the ATTRIBUTES clause of the DEFINE WORK statement is invalid.
Actn.	Specify a valid attribute value.

NAT1548: TPS spool request failure.

Text	TPS spool request failure.
Expl.	A non-zero return code on a TPS spool request has occurred.
Actn.	See the appropriate TPS documentation for details.

NAT1549: TPS spooling interface not available.

Text	TPS spooling interface not available.
Expl.	For online environments: Module TPSSPINO is not available in the TP environment. For batch environments: TPSSPINB is not linked to NSITPS.
Actn.	Depending on your environment, either make TPSSPINO available, or link TPSSPINB to NSITPS.

NAT1550: Natural ADVANCED FACILITIES has not been initialized.

Text	Natural ADVANCED FACILITIES has not been initialized.
Expl.	WRITE or DISPLAY has been requested, but Natural ADVANCED FACILITIES has not been initialized. Most probably the session was started with an invalid PRINTER parameter.
Actn.	Install Natural ADVANCED FACILITIES correctly, and restart the session.