

Natural Connection Version 4.1

The following Natural Version 4.1 features and restrictions apply to Version 4.1 of Natural Connection:

- Support of Long and Dynamic Variables
 - Work File Format and Attributes
 - Installation Procedure
 - Maximum File Transfer Record Length for Natural Connection
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Support of Long and Dynamic Variables

With Natural Version 4.1, the sizes allowed for alphanumeric and binary variables have been increased as described in Size of Alphanumeric and Binary Variables in the section Programming Language Enhancements. In addition, you can allocate the length of such variables dynamically at runtime as described in Dynamic Variables in the section Programming Language Enhancements. These new Natural Version 4.1 features can be applied when uploading or downloading Natural Connection work files. Prerequisites for the use of the new features are:

- Natural Connection Version 4.1
- Entire Connection Version 4.3.2
- If installed: Entire Screen Builder Version 5.1.1 PL 1

Work File Format and Attributes

Below are the restrictions that apply to the use of work file attributes:

- Accessing PC work files is restricted to a fixed record length of 1073741823 bytes or 32767 bytes when using the statement `WRITE WORK FILE VARIABLE`. Depending on the Entire Connection version installed on the PC, additional restrictions may apply as described below.
- Natural Connection does not support work files of the type `UNFORMATTED`.
A work file is always transferred in formatted mode and contains record-oriented data only. For a work file of the type `UNFORMATTED`, at `FILE OPEN`, Natural Connection switches to the type `FORMATTED`. To transfer byte-streamed data, see Streaming in the Natural Connection documentation.

Installation Procedure

The installation procedure for Natural Connection has been revised completely. As the `NTCPC` utility has been dropped, the `INPL` file and the corresponding installation step have been omitted.

Maximum File Transfer Record Length for Natural Connection

As of Natural Connection Version 4.1, the maximum record length supported for file transfer is 1 GB - 1 byte = 1073741823 bytes. For more information, see Maximum File Transfer Record Length for Natural Connection in the Natural Connection documentation.