Release Information for Natural Version 6.3.2

This chapter covers the following topics:

- New Features

- Changes and Enhancements

- Client Components of the Entire Systems Management

- Known Incompatibilities

- Removed Features

New Features

System Commands

The following new Natural system command is provided in this version:

System Command	Description
SYSCP	Invokes the SYSCP utility.

Utilities

The new utility SYSCP provides code page information. See *SYSCP Utility - Code Page Information* in the *Tools and Utilities* documentation.

Application Programming Interfaces

The utility SYSEXT provides the following new application programming interface (API):

API	Description
USR4208N	Read or write shared resource.

Changes and Enhancements

Natural Studio

Options

Using the new option **Best fit**, it is now possible to automatically adjust the width of each visible column in the data area editor and DDM editor so that the column header and the content of a column are always completely visible. In addition, you can set the **Auto fit** option which automatically readjusts each edited column to the optimum width when you leave the column. See *Data Area*

Editor Options and *DDM Editor Options* in *Using Natural Studio*.

Editors

Data Area Editor

It is now possible to define the session parameter PM (print mode) as a field attribute. See *Rows and Columns in the Editor Window*, *Inserting Data Fields* and *Inserting Constants* in the *Data Area Editor* section of the *Editors* documentation.

It is now possible to adjust all or single columns in a data area so that the column header and the content of a column are always completely visible. See *Rearranging Columns* in the *Data Area Editor* section of the *Editors* documentation.

DDM Editor

It is now possible to adjust all or single columns in a DDM so that the column header and the content of a column are always completely visible. See *Rearranging Columns* in the *DDM Editor* section of the *Editors* documentation.

Utilities

Component Browser

Using the new menu command **Find Unique ID** it is now possible to search for a unique ID in a selected group of components. See *Component Browser* in the *Tools and Utilities* documentation

Data Browser

A new page is now available in the data browser. It can be used to count the number of records found for report generation and to specify report output options (edit masks and column headers, if defined for the selected fields). On this page, you can also specify whether the report is to be written to the results window or to a text file, and whether the data browser is to be restarted with the current definitions after the report generation. See *Report Options* in the *Data Browser* part of the *Tools and Utilities* documentation.

Object Handler

It is now possible to process objects in a remote Natural Development Server environment in batch mode by using Object Handler direct commands. See *Batch or Direct Command Calls* and *Batch Processing in a Remote Environment* in the *Object Handler* part of the *Tools and Utilities* documentation. You can display a report of the processed objects if Natural Development Server Version 2.2.4 (and above) is installed at your site.

It is now possible to process data areas created with Natural for Eclipse. They are stored in plain text format.

The Object Handler now automatically recognizes the type of the load file for the load and scan functions. It is no longer necessary to specify the correct load file type. See the description of WORKFILETYPE in *Keyword Explanation of option-setting*.

System Commands

CATALL

> The system command CATALL can now be used in batch mode. The direct command syntax has been enhanced accordingly.

Local Versioning

In addition to CVS, Local Versioning now supports Subversion. A workspace may now be defined as a Natural system file which is visible in Natural Studio's library workspace. All Natural object types are now supported. Missing functionality has been added for updating and deleting objects, libraries and system files. It is now possible to display the log and to import objects, libraries and system files into Natural. For detailed information, see *Local Versioning* in the *Natural Studio Extensions* documentation.

For remote access to Natural sources on a UNIX or mainframe development server, Natural Development Server Version 2.2.3.2 is required. This version provides support for Natural resources and contains corrections in the routines which read and write Natural sources.

Client Components of the Entire Systems Management

Natural for Windows Version 6.3.2 contains the latest client packages of the GUI framework of System Automation Tools (SAT 3.1.5) and Entire Operations GUI Client (OGC 5.2.1), which requires compatible server application versions to work properly. Since the GUI framework is also used by other Entire Systems Management applications such as Mainframe Navigation and Output Management GUI Client (NGC), you must also update to the corresponding SAT server version if you want to use one of these client applications. The GUI framework delivered with Natural Version 6.3.2 requires a server running SAT 3.1.5. The prerequisite on the server side for the packaged Entire Operations GUI Client is Entire Operations Version 5.2.1.

Known Incompatibilities

This section provides additional information that you should be aware of after having installed Natural.

Error Messages

The following error message is new for this version of Natural in order to improve the edit mask handling and the compatibility between Natural for Windows, Natural for UNIX and Natural for Mainframes.

Error Message	Description
NAT1145	Input does not match edit mask :1:. NAT1145 replaces NAT1143 in case of interactive input/output. This new error advises the user of the expected input format for the current field.

Removed Features

This section provides an overview of functionality no longer supported with this Natural version.

Natural Expert

Natural Expert models are no longer displayed in the list of object types.