

About this Documentation

This documentation contains information for operating Natural in a mainframe environment under various operating systems.

This documentation is organized under the following headings:

●	Configuring Natural	Describes how to link Natural objects to the Natural nucleus. Provides information on Natural user exits, Natural user access method for print and work files, Natural scratch-pad file, Natural text modules, Natural configuration tables, and Natural storage management.
●	Profile Parameter Usage	Provides an overview of the hierarchical structure of the different levels on which Natural parameters can be set. Explains how values can be assigned to profile parameters statically, dynamically and at runtime, provides an overview of the profile parameters available (grouped by function). Describes how to use a Natural parameter module.
●	z/OS Environment	Contains an overview of special considerations that apply when you are running Natural under z/OS online or in batch mode. Describes the functions and the operation of the Authorized Services Manager (ASM). Describes the function and the use of the Shared Natural nucleus. Explains the functions of the Natural Roll Server. Provides information on the Roll Server system requirements, operation, performance tuning and restartability.
●	z/VSE Environment	Contains special considerations that apply when you are running Natural under z/VSE online or in batch mode. Explains the function and the use of the Shared Natural nucleus.
●	VM/CMS Environment	Explains topics such as issuing CP and CMS commands from Natural, reading the CMS program stack, hardcopy function and applying fixes to Natural. In addition, links are available to topics that apply when you are using Natural under CMS in batch mode. Provides information on how to define print files and work files in the Natural parameter module.
●	BS2000/OSD Environment	Contains special considerations that apply when running Natural under the operating system BS2000/OSD.
●	Natural in Batch Mode	Contains considerations that apply when running Natural in batch (Adabas datasets, sort datasets, subtasking session support for batch environments), and specifically when running Natural in batch mode under z/OS, z/VSE, VM/CMS and BS2000/OSD.

●	Natural Buffer Pools	Contains information about the various storage management functions that are available to a Natural administrator under the operating systems z/OS, z/VSE and BS2000/OSD.
●	Natural Swap Pool	Provides information on the Natural swap pool which is available when you are using the TP monitor CICS or UTM.
●	Natural 3GL CALLNAT Interface	Contains information about the Natural 3GL CALLNAT Interface with which Natural enables 3GL programs to invoke and execute Natural subprograms.
●	Operating the Software AG Editor	Contains information on how to operate the Software AG Editor.
●	Natural Net Data Interface NATNETTO	Provides information on the Natural Net Data Interface and the net data protocol definition.
●	Natural as a Server	Describes the use of Natural as a Server and the Natural Server Monitor.
●	Natural Execution - Miscellaneous Topics	Provides general information on Natural execution (asynchronous processing, double-byte character sets, input/output devices, back-end program calling conventions, Natural 31-bit mode support, LE subprograms, and external SORT).

Related Documents:

- Installation
- Messages and Codes
- Natural TP Monitor Interfaces
- Natural Remote Procedure Call
- Natural Utilities
- Software AG Editor
- Natural Security
- Natural for VSAM
- Natural for DB2
- Natural for DL/I
- Natural for SQL/DS