

# Natural Utilities - Overview

This documentation describes how Natural invokes a utility, lists and groups all utilities available in Natural and provides detailed descriptions of each utility.

This section covers the follow

- Utility Activation
  - Utility List
  - Utilities Grouped by Function
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## Utility Activation

Natural invokes a Natural utility without performing a logon to the corresponding utility library in the FNAT system file. This applies to all utilities listed in Support of Activation without Logon in the current Natural Release Notes for Mainframes. As a result, Natural preserves the global data area (GDA) and/or application-independent variables (AIV). The current user library and the settings are maintained. (To reset the GDA and/or the AIVs, see the profile parameter FREEGDA in the Natural Parameter Reference documentation.)

To preserve the settings of your application environment, do **not** log on to a utility library. Instead, invoke a utility by using the Natural system command that corresponds to the utility.

After terminating a utility, you will be returned to the library from which you invoked the utility. However, if you explicitly log on to a utility library before invoking the utility, you will stay in this (utility) library after utility termination.

For information on how to control the use of Natural utilities with Natural Security, see the section Protecting Utilities in the Natural Security documentation.

## Utility List

Below is an alphabetical list of the Natural utilities and a brief description of the functions they provide:

Utility	Function
ADACALL (SYSADA)	Issues Adabas direct calls (native commands) directly to an Adabas database.
DBLOG	Logs database calls: indicates which Adabas commands, DL/I calls or SQL statements are issued by a Natural program.
Debugger	Used to test various aspects of a Natural application and assists in locating errors in the processing flow of a program. Provides statistics on objects and statement lines invoked during program execution.
DUMP	Provides information for Software AG technical support personnel in order to locate an error that caused an abnormal termination (abend) of the Natural system. See the system command DUMP in the Natural Command Reference documentation.
INPL	Loads or scans Natural modules or DDMs from Software AG datasets (for example, Natural INPL tapes) from Work File 1. In addition, it provides a Natural Security Recover function that enables you to force an initialization of the Natural Security environment.
NATPAGE Screen Capturing	Captures screens (maps and reports) during a Natural session.
NATRJE	Submits JCL cards from a Natural program to the operating system for scheduling and execution.
NATUNLD/ NATLOAD	NATUNLD: unloads Natural programming objects, error messages and DDMs from a system file to a work file.  NATLOAD: loads Natural programming objects, error messages and DDMs from a work file into a system file.
Object Handler	Processes Natural and non-Natural objects for distribution in Natural environments. This is done by unloading the objects in the source environment into work files and loading them from work files into the target environment.
Recording	Records commands and input data entered during a Natural session. Re-executes a recorded session.
SYSBPM	Monitors and controls the Natural buffer pool.
SYSDDM	Creates and maintains Natural DDMs.
SYSEDT	Displays parameters and runtime information for the editor buffer pool. Modifies parameters and deletes logical work and recovery files.
SYSERR	Creates application-specific messages. In addition, it can be used to modify the texts of the existing Natural system messages (not recommended).
SYSMAIN	Transfers Natural programming objects, error messages, DDMs and other objects from one library to another in your current environment.
SYSNCP	Defines command-driven navigation systems for Natural applications.
SYSPARM	Creates and maintains Natural parameter profiles.
SYSRDC	Records monitoring and accounting data on the processing flow within a Natural application.
SYSRPC	Establishes and maintains Natural Remote Procedure Call environments.
SYSTP	Monitors and controls various TP-monitor-specific characteristics of Natural.
SYSSTRANS	Transfers Natural objects, maps, DDMs, libraries, command processors and error messages as well as Adabas FDTs from one hardware platform to another.

## Utilities Grouped by Function

Below are the Natural utilities grouped according to their functions:

<b>Administration</b>	<b>Debugging</b>	<b>Monitoring</b>	<b>Object Transfer</b>
NATRJE	ADACALL (SYSADA)	SYSBPM	INPL
SYSBPM	DBLOG	SYSEDT	NATUNLD/NATLOAD
SYSDDM	Debugger	SYSRDC	Object Handler
SYSEDT	DUMP	SYSTP	SYSMAIN
SYSERR	NATPAGE Screen Capturing		SYSTRANS
SYSNCP	Recording		
SYSPARM	SYSRDC		
SYSRPC			
SYSTP			