

Natural Application Programming Interfaces

The following topics are covered:

- Purpose of a Natural Application Programming Interface
- Overview of Natural Application Programming Interfaces

See also:

- Natural Security Application Interfaces
- Natural SAF Security Application Interface

Natural Application Programming Interfaces - Other Topics:

Linking Natural Objects to the Natural Nucleus | Natural User Exits | Natural User Access Method for Print and Work Files | Natural Scratch-Pad File | Natural Text Modules | Natural Configuration Tables | Natural Storage Management

Purpose of a Natural Application Programming Interface

A Natural application programming interface is a programming object that allows the user to access and possibly modify data or to use services that are specific to Natural, a subcomponent or a subproduct. The purpose of an application programming interface is to retrieve or modify information or use services that are not accessible by Natural statements.

Overview of Natural Application Programming Interfaces

The following list is for general information only. For the current state of this list, execute the system command SYSEXT.

The column **Prod.** shows the product code of the product wherein the application programming interface is used (NAT = Natural, NDB = Natural DB2 interface, NVS = Natural VSAM interface, PRD = Predict, RPC = Natural RPC, etc.).

Interface	Purpose	Prod.
USR0010N	Get 'SYSPROF' information	NAT
USR0011N	Information about logical file	NAT
USR0020N	Read any error text from FNAT / FUSER	NAT
USR0040N	Get type of last error	NAT
USR0050N	Get 'SYSPROD' information	NAT
USR0060N	Copy LFILE definition from 'FNAT' to 'FUSER'	NAT
USR0070N	Default editor profile 'SYSTEM'	NAT
USR0080N	Handle type/name of editor contents	NAT
USR0100N	Control LRECL	NVS
USR0120N	Read Natural short error message	NAT
USR0210N	Save, catalog or stow Natural object	NAT

USR0220N	Read Natural long error message	NAT
USR0320N	Read user short error message from FNAT or FUSER	NAT
USR0330N	Read Natural object directory	NAT
USR0340N	Natural buffer pool interface	NAT
USR0341N	Natural buffer pool interface	NAT
USR0350N	Read current recording flags	NAT
USR0360N	Modify user short error message	NAT
USR0400N	Number of rows affected by searched UPDATE	NDB
USR0420N	Read user long error message from FUSER	NAT
USR0421N	Update user long error message on FUSER	NAT
USR0500N	Display a string in the title bar of a window	NAT
USR0600N	Display program level information	NAT
USR0610N	Display DB error information	NAT
USR0620N	Translate strings	NAT
USR0622N	Reset error counter	NAT
USR1002N	Save and restore Natural environment parameter	NAT
USR1005N	Information about some Natural system parameters	NAT
USR1006N	Support skip-sequential processing	NVS
USR1007N	Display work file and printer file assignments	NAT
USR1009N	Convert *TIMESTMP to numeric variable	NAT
USR1011N	Wildcard / asterisk check (short)	NAT
USR1012N	Read dynamic error part :1:	NAT
USR1013N	Display current character set	NAT
USR1014N	*** Line Calculator ***	NAT
USR1016N	Display error level for copycode	NAT
USR1017N	Add CATALL call to CATALL control list	NAT
USR1018N	Dynamic OPEN	NVS
USR1019N	Get 'SYSBUS' information	NAT
USR1020N	Add user short error message to FUSER	NAT
USR1021N	Wildcard / asterisk check (long)	NAT
USR1022N	Type of data base	NAT
USR1023N	Date and time variables conversion	NAT
USR1024N	Read results of CATALL	NAT
USR1025N	Handle multiple steplib	NAT
USR1026N	Display RETURN information	NAT
USR1027N	Search user short error message	NAT

USR1028N	Bit/byte conversion	NAT
USR1029N	Get type of Natural object	NAT
USR1030N	Language code conversion	NAT
USR1031N	Check object name	NAT
USR1032N	List cataloged Natural objects with type	NAT
USR1033N	Find DBID/FNR of a cataloged DDM	NAT
USR1034N	Display NTTF file table	NAT
USR1035N	Maintain objects via the Software AG editor engine	NAT
USR1036N	Maintain the user profile of the Software AG editor	NAT
USR1037N	Information about Natural ABEND data	NAT
USR1038N	Retrieve characteristics of the current platform	NAT
USR1040N	Get or set the UDB parameter	NAT
USR1041N	Install error transaction (*ERROR-TA)	NAT
USR1042N	Get or set the value of the UPDATE command	NAT
USR1043N	Perform Adabas direct calls	NAT
USR1047N	Dynamic switch of file name	NVS
USR1048N	Modify PF-key labels	NAT
USR1050N	Get or set a work file name	NAT
USR1051N	Interface to various Predict data	PRD
USR1054N	List libraries	NAT
USR1055N	List objects in a library	NAT
USR1056N	List DDMs on the FDIC file or in a library	NAT
USR1057N	Read a Natural source into an array	NAT
USR1058N	Read a DDM source into an array	NAT
USR1066N	Display the Natural 'Executing ...' message	NAT
USR1067N	Check library name	NAT
USR1068N	Get or reset the value of DBMS calls	NAT
USR1070N	Issue operator commands to Entire Net-Work	NAT
USR1071N	RPC: Maintain TOKEN data	RPC
USR1072N	Get command ID of a retain set	NAT
USR1073N	Ping or terminate an RPC server	RPC
USR2001N	Read information about last error	NAT
USR2002N	Default text strings for Help function	NAT
USR2003N	Default settings for MAINMENU	NAT
USR2004N	Information about logical file	NAT
USR2005N	Access to the internal file translation table	NAT

USR2006N	Get detailed message information	NAT
USR2007N	Set/get RPC default server information	RPC
USR2008N	Dynamic OPEN for VSAM/ISAM datasets	NVS
USR2009N	Read dynamic error part :1:	NAT
USR2010N	Display DB error information	NAT
USR2011N	Get or set a work file name	NAT
USR2012N	Get value of system variable *NET-USER	NAT
USR2013N	Get 'SYSPROF' information	NAT
USR2014N	Maintain objects via the Software AG editor engine	NAT
USR2015N	EBCDIC or ASCII translation table for Natural RPC	NAT
USR2016N	Copy map profile from FNAT to FUSER	NAT
USR2017N	Activate map profile handling from FUSER	NAT
USR2018N	Read Natural object directory	NAT
USR2019N	Read/save Natural source into/from the source area	NAT
USR2020N	Perform Adabas direct calls	NAT
USR2021N	Dynamic dataset allocation	NAT
USR2022N	Insert GUID into saved data area	NAT
USR2023N	Type of data base (2 bytes)	NAT
USR2026N	Get 'TECH' information	NAT
USR2027N	Define a wait interval for the session	NAT
USR2028N	Output the Natural version	NAT
USR2029N	Dynamic file allocation (BS2000/OSD)	NAT
USR2030N	Read dynamic error parts :1:,...	NAT
USR2031N	Get 'SYSPROD' information	NAT
USR2032N	Support of commit for CLOSE CONVERSATION	RPC
USR2033N	Information about PRD List Xref sets	PRD
USR2034N	Read any error text from everywhere	NAT
USR2035N	Support of SSL	RPC
USR2036N	Convert *TIMESTAMP to numeric variable	NAT
USR2071N	Support of EntireX Security on client side	RPC
USR2072N	Support of EntireX Security on server side	RPC
USR2073N	Ping or terminate an RPC server	RPC
USR3001N	List Roll Server directory entries	NAT
USR3002N	Delete Roll Server directory entries	NAT
USR3005N	Process documentation objects	PRD
USR3013N	Get 'SYSPROF' information	NAT

USR3025N	Handle multiple steplibs	NAT
USR3320N	Find user short error message from FNAT or FUSER	NAT
USR4001N	Set Natural profile parameter PROGRAM dynamically	NAT
USR4002N	Retrieve variables of the current system	NAT
USR4003N	Retrieve Natural stack information	NAT
USR4004N	Retrieve Natural dynamic parameters	NAT
USR4005N	Read all current key settings	NAT
USR4007N	Get/set current value of profile parameter SYNERR	NAT
USR4340N	Natural buffer pool interface	NAT
USR6002N	Get the current values of some internal counters	NAT