

System Environment Related System Variables

This chapter covers the following topics:

- *CODEPAGE
- *HARDWARE
- *HOSTNAME
- *INIT-ID
- *INIT-PROGRAM
- *LOCALE
- *MACHINE-CLASS
- *OPSYS
- *OS
- *OSVERS
- *TP
- *TPSYS
- *TPVERS
- *WINMGR
- *WINMGRVERS

*CODEPAGE

Format/length: A64

Content modifiable: No

This system variable returns the IANA name of the default code page which is internally used by Natural for conversions to and from Unicode and which is set by the Natural profile parameter CP.

Note:

*CODEPAGE is also the default if a code page is not specified in a MOVE ENCODED statement.

Example:

IBM01141

***HARDWARE**

Format/length: A16

Content modifiable: No

This system variable contains the name of the hardware platform on which Natural is running. This value is supplied by the operating system.

***HOSTNAME**

Format/length: A64

Content modifiable: No

The name of the machine Natural runs on.

***INIT-ID**

Format/length: A8

Content modifiable: No

*INIT-ID contains the terminal ID (defined according to the conventions of the TP system) of the terminal from which Natural was invoked.

In batch mode, *INIT-ID contains the step name of the Natural job.

In an asynchronous Natural session under Com-plete or UTM, *INIT-ID contains the terminal ID of the task that has started the asynchronous session.

In an asynchronous session under CICS, *INIT-ID contains the CICS task number of the asynchronous task.

In a server environment, for example, Natural Development Server or Web I/O Interface Server, *INIT-ID contains the current session number, which is incremented by one for each new session that is invoked on the server.

***INIT-PROGRAM**

Format/length: A8

Content modifiable: No

This system variable contains the name of the program (transaction) that is currently executing as Natural.

In batch mode under z/OS, *INIT-PROGRAM contains the name of the job under which the Natural session is running.

***LOCALE**

Format/length: A8

Content modifiable: No

This system variable contains the language and country of the current locale, which specifies the Unicode collation sequence.

Example:

en_US

***MACHINE-CLASS**

Format/length: A16

Content modifiable: No

This system variable contains the name of the machine class on which Natural is running.

It can contain one of the following values:

MAINFRAME

PC

UNIX

VMS

***OPSYS**

Format/length: A8

Content modifiable: No

This system variable contains the Natural name of the operating system that is being used.

It can contain one of the following values:

ATT_OSX	FUJI M73	SINIX_52
AVIION	HP_HPUX	SINIX_54
BS2000	MSDOS	SUN_SOLA
BS2/XS	MS_OS/2	SUN_SUNO
BULL/BOS	MVS/ESA	UNISYS 5
CMS	MVS/XA	UNISYS 6
CMS/ESA	NCR 3000	VSE/ESA
DEC-OSF/	OS	WNT-X86
DOS/VS	OS/400	
DPS300	RS_6000	
DRS 6000	SCO	

Note:

Instead of *OPSYS, it is recommended that the system variables *MACHINE-CLASS, *HARDWARE and *OS be used, as they allow a more precise distinction of the environment in which Natural is running.

***OS**

Format/length: A32

Content modifiable: No

This system variable contains the name of the operating system under which Natural is running. This value is supplied by the operating system and may be subject to change.

***OSVERS**

Format/length: A16

Content modifiable: No

This system variable contains the version number of the operating system under which Natural is running. This value is supplied by the operating system and may be subject to change.

***TP**

Format/length: A8

Content modifiable: No

It contains the name of the TP subsystem under which Natural is running. This value is supplied by the operating system and may be subject to change.

***TPSYS**

Format/length: A8
Content modifiable: No

This system variable contains the Natural name of the TP monitor or environment that is being used.

It can contain one of the following values:

AIM/DC
CICS
COMPLETE
IMS/DC
OS/400
SERVSTUB (Natural Development Server)
TIAM
TSO
TSS
UTM
VM/CMS

On mainframe platforms, *TPSYS will be blank in batch mode.

On Windows, UNIX and OpenVMS platforms, *TPSYS will be NONE.

***TPVERS**

Format/length: A8
Content modifiable: No

It contains the version of the TP subsystem under which Natural is running. This value is supplied by the operating system and may be subject to change.

If no TP monitor is used, *TPVERS will be blank.

***WINMGR**

Format/length: A16
Content modifiable: No

If a graphical user interface is used, this system variable contains the name of the window manager being used (for example, MOTIF or PM).

If a character-oriented user interface is used, *WINMGR will be blank.

The type of user interface is indicated by the value of the system variable *UI.

***WINMGRVERS**

Format/length: A16

Content modifiable: No

If a graphical user interface is used, this system variable contains the version number of the window manager being used.

If a character-oriented user interface is used, *WINMGRVERS will be blank.

The type of user interface is indicated by the value of the system variable *UI.