

# PANVALET Members

This section covers the following topics:

- PANVALET Overview
- Function Commands
- Line Commands
- Local Commands
- Handling PANVALET Control Cards

## PANVALET Overview

The PANVALET facility enables access to PANVALET members, which you can maintain using Natural ISPF functions.

If the member consists of job control, you can make use of the Natural ISPF Macro facility. You can use all types of macro statements. Macro expansion is performed at submission time (see the SUBMIT command below).

When creating a new member, you can also use the Edit macro feature to automatically create text lines which can then be modified. For details on the Macro facility, see the section Macro Facility in the Natural ISPF Programmer's Guide.

To enter the PANVALET facility, select the PANVALET option from the Natural ISPF Main Menu. The PANVALET Entry Panel appears:

```

----- PANVALET - ENTRY PANEL -----
COMMAND ===>

Data Set Name ===>
Member         ===>
Language       ===>
User           ===>
Status         ===>
Volume         ===>          ( If not catalogued      )
Password       ===>          ( If password protected )
Expand         ===>          ( Expand ++include     )
Comment        ===>
Scan for       ===>
Edit macro     ===>
Node           ===> 148

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Split End  Suspe Rfind Rchan Up    Down Swap Left Right TOP
  
```

You can specify the PANVALET member you wish to maintain in the input fields and enter a function command in the command line. Meaning of the input fields:

Field	Meaning
Data Set Name	Name of library in which the member resides. This field contains the name of the library last accessed. You can select any other library by overtyping the name.
Member	Member name (up to ten alphanumeric characters). Leave blank or use strings and wildcards (* and _) to generate a more selective list of member names. See the subsection Selection Windows and Wildcards in the section Command Logic.
Language	Language (format) of member, for example, JCL, ASMB (Assembler), COBOL, PL/1 etc.
User	User code (up to four numeric digits).
Status	Status of member. Any one or a combination of the following are possible: First character: <b>T</b> or <b>P</b> Test/Production Second character: <b>A</b> or <b>I</b> Active/Inactive Third character: <b>E</b> or <b>D</b> Enabled/Disabled
Volume	Volume serial number. Required only for uncataloged datasets.
Password	Appropriate access code if dataset is protected.
Expand	Specifies expansion of ++INCLUDE statements when using any of the following commands: BROWSE, SUBMIT, PRINT, COPY, INFORMATION, EXPORT. Possible options: <b>Y</b> Perform expansion. <b>N</b> No expansion is performed.
Comment	Comment to appear in list of members and in the information window. You normally add a comment describing the member when creating a new one. If you type a plus sign + as last character of the comment, a window opens in which you can extend the comment text.
Scan for	Selection criterion for listing PANVALET members: all members as specified in the above fields are listed which contain the string entered here. When you select a member from this list for EDIT or BROWSE, the cursor is placed on the first occurrence of this string in the member. Issue the RFIND command to find the next occurrence.
Edit macro	Name of macro object to be used as a model for the member. The specified macro is executed and loaded into the Editor. See the section Macro Facility in the Natural ISPF Programmer's Guide for details.
Node	Select Entire System Server node. Enter a question mark ? and press Enter to open a window in which all node numbers appear with an ACTIVE or INACTIVE status report. If you do not specify a node, the default node is assumed.

For detailed information on PANVALET member characteristics, see the **PANVALET User Reference Documentation**.

Apart from the Data Set Name and Member fields, some other parameter fields may be mandatory when creating a new member with the EDIT function command. Which fields are required and which are optional is specified in the system configuration (see the Natural ISPF Administration Documentation, or ask your system administrator). Natural ISPF prompts you for required items.

Natural ISPF provides the session command CONTROL for PANVALET users.

CONTROL OFF suppresses the automatic control cards passed to PANVALET when a member is saved. Only the edited data (which may include user-defined control cards) are sent to PANVALET.

The command format is:

<b>CONTROL [ON] [OFF]</b>
-------------------------------

Meaning of the parameters:

Parameter	Meaning
ON	Re-activates the automatic control cards (default).
OFF	Suppresses the automatic control cards. You can define your own control cards in the member.

You must issue the CONTROL command before opening the new Editor session.

## Function Commands

The available function commands for PANVALET members are:

Command	Parameter Syntax
BROWSE	dataset(member) VOL=v PASSWORD=p EXPAND=Y/N NODE=id
COPY	dataset(member) VOL=v PASSWORD=p EXPAND=Y/N NODE=id, object-type object-parameters, REP
DELETE	<i>dataset(member) VOL=v PASSWORD=p NODE=id</i>
EDIT	dataset(member) LANG=l USER=u VOL=v PASSWORD=p MACRO=name NODE=id
EXPORT	dataset(member) VOL=v PASSWORD=p EXPAND=Y/N NODE=id, target-environment
INFORMATION	dataset(member) VOL=v PASSWORD=p EXPAND=Y/N NODE=id
LIST	dataset(*_*) LANG=l USER=u ST=s VOL=v PASSWORD=p MACRO=name NODE=id
OUTPUT	NODE=id
PLAY	dataset(member) VOL=v PASSWORD=p NODE=id
PRINT	dataset(member) VOL=v PASSWORD=p EXPAND=Y/N NODE=id, printer-name CC
RENAME	dataset(member) VOL=v PASSWORD=p NODE=id, new-name
SUBMIT	dataset(member) VOL=v PASSWORD=p EXPAND=Y/N NODE=id1, TARGET=id2

A full description of these commands is contained in the section Command Reference. The object parameters correspond to the input fields on the PANVALET Entry Panel.

**Note:**

If you issue any of the above function commands from outside the PANVALET facility, you must specify the object-type parameter PAN before the object parameters.

Below are some examples of function commands using full command syntax.

**Example: INFORMATION**

The following screen is displayed as a result of the function command

```
INFORMATION PAN SYSA.PANLIB.OPT(MYMEM)
```

A window opens containing information on member MYMEM in library SYSA.PANLIB.OPT:

```
----- PANVALET - ENTRY PANEL-----
COMMAND ===>

Data Set Name ===> MBE.COMN.SOURCE
Member          ===>
Language        ===>
User            +-----+
Status          ! INFORMATION-PANVALET !
Volume          ! DSName   : SYSA.PANLIB.OPT !
Password        ! Member   : MYMEM          !
Expand          ! Language: ASMB          !
Comment         ! Status   : T (Test/Production) !
Edit macr       !         : A (Active/Inactive) !
Node            !         : E (Enabled/Disabled) !
                ! User     : 0007              !
                ! Level   : 24                !
                ! Comment : NISPF TEST PROGRAM !
                !-----+

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Split End  Suspe Rfind Rchan Up    Down Swap Left Right Curso
```

The fields in the information window correspond to the fields on the PANVALET Entry Panel, except the Level field.

Level is the modification level of the member. When a member is created, it is assigned Level 001. The level number is increased by 1 at each update (see the **PANVALET User Reference Documentation** for more information).

You can use the INFORMATION command to change certain characteristics of the member. Simply overwrite the current value with the new value in the information window. The Member Language, Status, User code, modification Level and Comment are all modifiable.

**Example: LIST**

The following list of PANVALET members is displayed as the result of the command:

```
LIST PAN SYSA.PANLIB.OPT(ISP*)
```

The list contains all members starting with **ISP** in the library SYSA.PANLIB.OPT:

```

LIST-PAN:SYSA.PANLIB.OPT(ISP*)----- Row 0 of 12 - columns 010 076
COMMAND===>                                SCROLL===> CSR
MEMBER          LVL USER LANG   STA MAINTAIN ACCESSED  BLKS STATMTS COMME
** ***** top of list *****
ISPJCL1234      1 2223 JCL   TAE 21/06/90 21/06/90    1    22 Insta
ISPPROG1       2 2223 ASMB  TAE 21/06/90 21/06/90    1    107 Test      ISPPROG2
1 1420 COBOL   TAE 22/06/90 22/06/90    1    17 Progr
ISPSYSZ        1 2223 DATA TAE 22/06/90 22/06/90    1     5 Text

** ***** bottom of list *****

Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Split End  Suspe Rfind Rchan Up    Down Swap Left  Right Curso
    
```

Meaning of the column headings:

Column	Meaning
MEMBER	Name of member
LVL	Modification level of member
USER	User code
LANG	Programming language of member
STA	Status of member: <b>A</b> Active <b>I</b> Inactive <b>E</b> Enabled <b>D</b> Disabled <b>T</b> Test <b>P</b> Production
MAINTAIN	Date of last change to member text and/or characteristics (for example, user code, comment)
ACCESSED	Date of last access in read or write mode
BLKS	Number of blocks occupied by member
STATMTS	Number of lines in the member
COMMENT	Comment describing member

To display the whole comment column, issue the Editor RIGHT command (usually assigned to PF11).

**Note:**

The modification level, user code, language, status and comment are modifiable in the information window invoked using the INFORMATION function command (see the example of the INFORMATION command).

## Line Commands

You can select a PANVALET member from a list by typing a line command in the input field preceding the member name and pressing Enter. Each line command is an abbreviation of a function command. The available line commands are:

Line Command	Corresponding Function Command
BR	BROWSE
CP	COPY
D	DELETE
E	EDIT
EX	EXPORT
I	INFORMATION
OT	OUTPUT
PL	PLAY
PR	PRINT
R	RENAME
SB	SUBMIT

Line commands can also be used as valid abbreviations of function commands entered in the command line.

## Local Commands

### In Edit Mode:

If you display a PANVALET member in Editor format in EDIT mode, you can issue a local command from the Editor command line in addition to Editor commands.

The following local command is available:

Command	Meaning
IMPORT	Imports a PC file or Con-nect document into the PANVALET member (see the section Useful Features).

### In List Mode:

If you display lists of PANVALET libraries or members in Editor format, you can issue the following local commands in addition to Editor scroll commands: ALL, LAYOUT, RELIST and SORT. For detailed information, see the corresponding subsections in the section Useful Features.

## Handling PANVALET Control Cards

Natural ISPF provides some features for flexible handling of PANVALET control cards:

- Using the **expand** feature, you can specify whether the ++INCLUDE statements in the member are expanded before browsing, printing, submitting, copying, exporting the member, or displaying information;
- With the CONTROL OFF session command, you can submit the edited member to PAM#1 using the Editor SAVE command without the automatic control cards. Only the edited text, including any control cards you have added in the member are processed. You can use the OUTPUT function command to see the output of the member as processed.