



IBM Systems - iSeries

i5/OS Commands

Starting with WRKNTWAUTE (Work with NetWare
Authentication Entries)

Version 5 Release 4





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Note

Before using this information and the product it supports, be sure to read the information in "Notices," on page 233.

Second Edition (February 2006)

This edition applies to version 5, release 4, modification 0 of i5/OS (product number 5722-SS1) and to all subsequent releases and modifications until otherwise indicated in new editions. This version does not run on all reduced instruction set computer (RISC) models nor does it run on CICS models.

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Work with NetWare Aut Entries (WRKNTWAUTE)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with NetWare Authentication Entry (WRKNTWAUTE) command displays a list of authentication entries for a user. From the Work with NetWare Authentication Entry panel, options are available to add, change, display and remove authentication entries, as well as start authenticated connections to servers using the authentication entries.

Top

Parameters

Keyword	Description	Choices	Notes
SVRTYPE	Server type	<u>*ALL</u> , *NETWARE3, *NDS	Optional
NDSTREE	NDS tree	<i>Character value</i> , *ALL	Optional
SERVER	Server	<i>Character value</i> , *ALL	Optional
USRPRF	User profile	<i>Name</i> , <u>*CURRENT</u>	Optional

Top

Server type (SVRTYPE)

Specifies the type of the authentication entries to be viewed.

*ALL View all authentication entries for this user.

*NETWARE3

View all NetWare 3.x server authentication entries.

*NDS View all NetWare Directory Services tree authentication entries.

Top

NDS tree (NDSTREE)

Specifies, for server type *NDS, the name of the NetWare Directory Services tree authentication entries with which to work.

*ALL View all NDS authentication entries for this user.

'name' Specify the name of the NDS tree entries with which to work.

'generic-name'

Specify the generic name of the NDS tree entries with which to work. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. The asterisk substitutes for any valid characters. A generic name specifies all objects with names that begin with the generic prefix for which the user has authority. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete object name.

Top

Server (SERVER)

Specifies, for server type *NETWARE3, the server authentication entries you want to work with.

***ALL** View all NetWare 3.12 server authentication entries for this user.

'name' Specify the name of the server entry with which to work.

'generic-name'

Specify the generic name of the server entries with which to work. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. The asterisk substitutes for any valid characters. A generic name specifies all objects with names that begin with the generic prefix for which the user has authority. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete object name.

Top

User profile (USRPRF)

Specifies the user profile containing the authentication entries.

***CURRENT**

Use the current user profile.

name Specify the name of the user profile. The user profile must be the current user profile, or the user must have *USE and *OBJMGT authority to the user profile, and *SECADM special authority.

Top

Examples

```
WRKNTWAUTE SVRTYPE(*NDS)
```

This command displays a list of all NetWare Directory Services tree authentication entries for the current user.

Top

Error messages

***ESCAPE Messages**

CPF2217

Not authorized to user profile &1.

Top

Work with NetWare Connections (WRKNTWCNN)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with NetWare Connections (WRKNTWCNN) command allows a user to work with active NetWare connections. This command can be used to work with NetWare connections to do the following:

1. Display a list of connections originating from the local system started by a specific user to one or more servers in the network.
2. Display a list of connections originating from the local system started by all users to one or more servers in the network.
3. Display a list of all active NetWare connections for a specific NetWare server in the network regardless of where the connection originated.

Top

Parameters

Keyword	Description	Choices	Notes
SERVER	Server	<i>Character value, *ALL</i>	Required, Positional 1
CGY	Category	<i>*LOCAL, *SERVER</i>	Optional
USRPRF	User profile	<i>Simple name, *ALL, *CURRENT</i>	Optional

Top

Server (SERVER)

Specifies one or all NetWare servers whose connections are to be displayed.

***ALL** Connections originating from the iSeries to all NetWare servers will be displayed.

character-value

Specify the name of an active server defined for the network.

Top

Category (CGY)

Specifies what category of NetWare connections to work with.

***LOCAL**

Only those NetWare connections originating from the iSeries are displayed.

***SERVER**

Specifies that connections to a particular NetWare server are displayed.

Top

User profile (USRPRF)

Specifies an iSeries user profile whose connections are to be worked with. Only those connections originating from the local system are displayed. This parameter is ignored when CGY(*SERVER) is specified.

***ALL** NetWare connections started by all iSeries users on the system will be worked with.

***CURRENT**

All NetWare connections started by the current user profile are worked with.

name Specify the name of an iSeries user profile whose connections are to be worked with.

Top

Examples

None

Top

Error messages

None

Top

Work with NetWare Volumes (WRKNTWVOL)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with NetWare Volumes (WRKNTWVOL) command displays the Work with NetWare Volumes display which lists the volumes for a server and allows the user to create, change, delete, display, and print volumes. The 'change' option on the Work with NetWare Volumes display is used to mount and dismount volumes as well as increase the size of a volume.

Restrictions: You must have *IOSYSCFG special authority to use this command.

[Top](#)

Parameters

Keyword	Description	Choices	Notes
SERVER	Server	<i>Character value</i>	Required, Positional 1
VOL	Volume	<i>Character value, <u>*ALL</u></i>	Optional, Positional 2

[Top](#)

Server (SERVER)

Specifies the server for which volumes are listed. A server name must be specified.

[Top](#)

Volume (VOL)

Specifies the volume to be listed.

***ALL** All volumes for the specified server are listed.

generic-name

Specify the generic name of the volumes to be listed.

name Specify the name of the volume to be listed.

[Top](#)

Examples

```
WRKNTWVOL  SERVER(SERVER1)  VOL(ACCT*)
```

This command displays the Work with NetWare Volumes panel, showing a list of volumes for SERVER1. Only those volumes whose name begins with the letters 'ACCT' are shown.

[Top](#)

Error messages

None

[Top](#)

Work with Network Interfaces (WRKNWID)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Network Interface Descriptions (WRKNWID) command provides an interactive interface to network interface description functions through the Work with Network Interface Descriptions display. This command displays the Work with Network Interface Descriptions menu.

Top

Parameters

Keyword	Description	Choices	Notes
NWID	Network interface description	<i>Generic name, name, <u>*ALL</u>, *ATM, *FR, *ISDN, *T1</i>	Optional, Positional 1

Top

Network interface description (NWID)

This is a required parameter.

Specifies the network interface descriptions to be worked with.

***ALL** All network interface descriptions are worked with.

***ATM** The user can work with asynchronous transfer mode (ATM) network interfaces.

***FR** The user can work with frame relay network interfaces.

***ISDN**

The user can work with integrated services digital network interfaces.

generic-name*

Specify the generic name of the network interface description to be worked with. A generic name is a character string that contains one or more characters followed by an asterisk (*). If a generic name of a network interface description is specified, all network interface descriptions that have names with the same prefix as the generic network interface description are worked with.

network-interface-name

Specify the name of the network interface description to be worked with.

Top

Examples

```
WRKNWID NWID(NET1)
```

This command displays the Work with Network Interface Descriptions panel with an entry for network interface 'NET1'. If NET1 does not exist, no entries are displayed.

Top

Error messages

None

[Top](#)

Work with NWS Configuration (WRKNWSCFG)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with NWS Configuration (WRKNWSCFG) command allows you to work with a network server configuration.

Top

Parameters

Keyword	Description	Choices	Notes
NWSCFG	Network server configuration	<i>Generic name, name, <u>*ALL</u></i>	Optional, Positional 1
TYPE	Configuration type	<u>*ALL</u> , *CNNSEC, *RMTSYS, *SRVPRC	Optional

Top

Network server configuration (NWSCFG)

Specifies the name of the network server configuration.

*ALL All network server configurations are worked with.

generic-name

Specify a generic network server configuration name.

name Work with a specific network server configuration.

Top

Type (TYPE)

Specifies the type of configuration to work with.

*ALL All network server configurations types are worked with.

*CNNSEC

All connection security network server configurations are worked with.

*RMTSYS

All remote system network server configurations are worked with.

*SRVPRC

All service processor network server configurations are worked with.

Top

Examples

WRKNWSCFG NWSCFG(*ALL)

This command displays the Work with NWS Configuration panel with entries for all network server configurations. If no network server configurations exist, no entries are shown.

[Top](#)

Error messages

***ESCAPE Messages**

None

[Top](#)

Work with Network Servers (WRKNWSD)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Network Server Descriptions (WRKNWSD) command shows the Work with Network Server Descriptions display, which provides an interactive interface to network server description functions.

Top

Parameters

Keyword	Description	Choices	Notes
NWSD	Network server description	<i>Generic name, name, <u>*ALL</u></i>	Optional, Positional 1

Top

Network server description (NWSD)

Specifies the network server descriptions to work with.

***ALL** The user can work with all network server descriptions.

generic*-network-server-description-name

Specify the generic name of the network server description. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. The asterisk substitutes for any valid characters. A generic name specifies all objects with names that begin with the generic prefix for which the user has authority. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete object name.

network-server-description-name

Specify the name of the network server description to work with.

Top

Examples

WRKNWSD NWSD(*ALL)

This command displays the Work with Network Server Descriptions panel with entries for all network server descriptions. If no network server descriptions exist, no entries are shown.

Top

Error messages

None

Top

Work with NWS User Enrollment (WRKNWSENR)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Network Server User Enrollment (WRKNWSENR) command works with a list of user profiles that the iSeries administration support has enrolled, or is currently enrolling, into the network.

The information displayed differs depending on the value of the SVRTYPE parameter.

1. If SVRTYPE(*NWSA) is specified, the display shown depends on the value specified for the DFTSVRTYPE parameter in the network server attributes (CHGNWSA command). The DFTSVRTYPE values that are supported are *WINDOWS, *WINDOWSNT, and *NETWARE.
2. If SVRTYPE(*NWSUSRA) is specified, the display shown depends on the value specified for the DFTSVRTYPE parameter in the network server user attributes (CHGNWSUSRA command) for the current user. The value in the network server user attributes that are valid for this command are *WINDOWS, *WINDOWSNT, and *NETWARE.
3. If SVRTYPE(*WINDOWS) or (*WINDOWSNT) is specified, enrollment information is shown for i5/OS users enrolled into Windows domains and local servers.
4. If SVRTYPE(*NETWARE) is specified, the display works with enrollment information for those i5/OS users being enrolled into NetWare Directory Services trees.

In general, the Work with Network Server User Enrollment display shows a list of servers or NetWare Directory Services trees and the current enrollment status for a list of i5/OS profiles being enrolled into each server or NetWare Directory Services tree.

Specific options are available to work with individual profiles in the list. These options provide functions such as changing user profiles and changing network server user attributes.

Top

Parameters

Keyword	Description	Choices	Notes
USRPRF	User profile	Generic name, name, <u>*ALL</u>	Optional, Positional 1
PRFTYPE	Profile type	<u>*USER</u> , *GROUP	Optional, Positional 2
SVRTYPE	Server type	*NWSUSRA, *WINDOWS, *NWSA, *NETWARE, *WINDOWSNT	Optional, Positional 3
NDSTREE	NDS tree	Character value, <u>*ALL</u> , *NWSA, *NONE	Optional
SERVER	Server	Character value, <u>*ALL</u> , *NWSA, *NONE	Optional
DOMAIN	Domain	Character value, <u>*ALL</u> , *NWSA, *NONE	Optional

Top

User profile (USRPRF)

Specifies the name of a profile.

***ALL** The enrollment status for all profiles is displayed.

generic*-user-name

Specify the generic name of the profile to be displayed. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If a generic name is specified, then all users with names that begin with the generic name, and for which the user has authority, are shown. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete user name.

profile-name

Specify the name of a profile to be displayed.

Top

Profile type (PRFTYPE)

Specifies which enrollment status should be displayed.

***USER**

A list of i5/OS users and their enrollment status is displayed. From this display an alternate view is available which will show, for each user in this list, a list of i5/OS groups the user belongs to, provided the group is currently being enrolled into that server or NetWare Directory Services tree.

***GROUP**

A list of i5/OS groups and their enrollment status is displayed. An alternate view is available to display for each group in the list, those members of each group that are currently being enrolled into the server or NetWare Directory Services tree.

Top

Server type (SVRTYPE)

Specifies which type of server to work with.

***NWSUSRA**

The server type from the network server user attributes (CHGNWSUSRA command) for the user profile running the WRKNWSENRC command is used.

***NWSA**

The server type in the network server attributes (CHGNWSA command) is used.

***WINDOWS or *WINDOWSNT**

Specifies that a list of users and groups enrolled into Windows domains and local servers are displayed.

Note: *WINDOWS should be used in V5R4 and later releases. The *WINDOWSNT value is supported for compatibility with releases prior to V5R4.

***NETWARE**

The enrollment status for those profiles being enrolled into a NetWare network are displayed.

Top

NDS tree (NDSTREE)

Specifies which NetWare Directory Services trees to work with.

***ALL** All NetWare Directory Services trees that have users enrolled are listed.

***NWSA**

The enrollment information for all the NetWare Directory Services trees identified by the NDSTREELST parameter in the network server attributes are displayed.

***NONE**

No enrollment information is listed for any NetWare Directory Services trees.

generic*-tree-name

Specify the generic name of NetWare Directory Services trees that have users enrolled.

'NDS tree-name'

Specify the name of a specific NetWare Directory Services tree that has users enrolled.

Top

Server (SERVER)

Specifies which network servers to work with.

***ALL** All servers that have users enrolled are listed.

***NWSA**

The enrollment information for all the servers identified in the network server attributes is displayed.

For *WINDOWS or *WINDOWSNT servers, the enrollment information for all servers defined by the WNTLCLSVRL parameter are displayed.

***NONE**

No enrollment information is listed for any servers. This is valid only when SVRTYPE(*NETWARE) is specified.

generic*-server-name

Specify the generic name of the server.

server-name

Specify the name of a specific server.

Top

Domain (DOMAIN)

Specifies which Windows domains to work with.

***ALL** All domains that have users enrolled are listed.

***NWSA**

The enrollment information for all the Windows domains identified by the WNTDMNLST parameter in the system network server attributes are displayed.

***NONE**

No enrollment information is listed for any Windows domains. Only the enrollment information for local Windows servers is displayed based on the SERVER parameter.

generic*-domain-name

Specify the generic name of Windows domains that have users enrolled.

'domain-name'

Specify the name of a specific Windows domain that has users enrolled.

Top

Examples

Example 1: Working with Windows User Enrollment

```
WRKNWSENR SVRTYPE(*WINDOWS) DOMAIN(DMN*) SERVER(SRV*)
```

This command displays a list of all i5/OS users that the i5/OS user enrollment support has enrolled into all Windows domains whose name starts with 'DMN' and all local servers that start with 'SRV'.

Example 2: Working with NetWare NDS Tree User Enrollment

```
WRKNWSENR SVRTYPE(*NETWARE) NDSTREE(TREE1) SERVER(*NONE)
```

This command displays a list of all i5/OS users that the i5/OS user enrollment support has enrolled into NetWare Directory Services TREE1.

[Top](#)

Error messages

*ESCAPE Messages

CPFA45A

Network server users not displayed.

[Top](#)

Work with NWS Storage Spaces (WRKNWSSTG)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Network Server Storage Spaces (WRKNWSSTG) command works with network server storage spaces using the Work with Network Server Storage Spaces display. There are options available to create, delete, display, and print storage spaces. You can also add and remove links to network server descriptions. The copy option can be chosen to create and copy an existing storage space into a newly created one.

The Work with Network Server Storage Spaces display shows information about the format of the storage spaces (*NTFS, *FAT, *FAT32, *NTFSQR, *OPEN), their size, the network server descriptions to which they are linked (if any), the auxiliary storage pool they exist in, and, if linked, the drive sequence.

Top

Parameters

Keyword	Description	Choices	Notes
NWSSTG	Network server storage space	<i>Generic name, name, <u>*ALL</u></i>	Optional, Positional 1
NWSD	Network server description	<i>Name</i>	Optional, Positional 2

Top

Network server storage space (NWSSTG)

Specifies the name of the network server storage spaces listed.

***ALL** All network server storage spaces listed.

generic-network-server-storage-space*

Specify the generic name of the network server storage space listed.

network-server-storage-space

Specify the name of the network server storage space listed.

Top

Network server description (NWSD)

Specifies the name of the network server description for which storage spaces are listed. When this parameter is specified, only storage spaces linked to this network server description are shown.

Top

Examples

```
WRKNWSSTG NWSSTG(*ALL) SERVER(SERVER1)
```

This command displays the Work with Network Server Storage Spaces panel, showing the list of storage spaces linked to network server SERVER1.

[Top](#)

Error messages

None

[Top](#)

Work with NWS Status (WRKNWSSTS)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Network Server Status (WRKNWSSTS) command displays a list of servers and their current status. Specific options are available to work with individual servers in the list. These options provide functions such as displaying active users, restarting a server, displaying statistics, and so on. The display that appears differs depending on the value of the SVRTYPE parameter.

1. If SVRTYPE(*NWSUSRA) is specified, the display shown depends on the value specified for the SVRTYPE parameter in the network server user attributes (CHGNWSUSRA command) for the current user.
2. If SVRTYPE(*NWSA) is specified, the display shown depends on the value specified for the SVRTYPE parameter in the network server attributes (CHGNWSA command).
3. If SVRTYPE(*WINDOWS) or (*WINDOWSNT) is specified, the display shows options and information relevant to local NWSDs that were created as Windows servers.
4. If SVRTYPE(*NETWARE) or SVRTYPE(*NDS) is specified, the display shows options and information relevant to NetWare servers. Only NetWare servers in NDS trees are listed.
5. If SVRTYPE(*LINUX) or (*AIX) is specified, the display shows options and information relevant for NWSDs running Linux or AIX operating systems. If the NWSD server type is *GUEST, then the Status is shown only. The Display details option will not be available to be selected.

Top

Parameters

Keyword	Description	Choices	Notes
SERVER	Server	Character value, <u>*ALL</u>	Optional, Positional 1
SVRTYPE	Server type	<u>*NWSUSRA</u> , *NWSA, *WINDOWS, *NETWARE, *NDS, *LINUX, *AIX, *WINDOWSNT	Optional

Top

Server (SERVER)

Specifies the name of a server.

*ALL All local servers and all remote 'active' servers are displayed.

generic-server-name*

Specify the generic name of the server.

server-name

Specify the name of a specific server.

Top

Server type (SVRTYPE)

Specifies which type of server to work with. The Work with Network Server Status display lists either NetWare servers, or Windows servers.

*NWSUSRA

The type of servers to list is specified in the network server user attributes (CHGNWSUSRA command).

*NWSA

The type of servers to list is specified in the network server attributes (CHGNWSA command).

*WINDOWS or *WINDOWSNT

A list of Windows servers is displayed.

Note: *WINDOWS should be used in V5R4 and later releases. The *WINDOWSNT value is supported for compatibility with releases prior to V5R4.

*NETWARE or *NDS

A list of NetWare servers in the NetWare Directory Services (NDS) trees is displayed.

*LINUX or *AIX

A list of NWSDs with Linux or AIX operating system is displayed.

Note: If the NWSD server type is *GUEST, then the Status is shown only. Display details option is not available to be displayed.

Top

Examples

```
WRKNWSSTS SERVER(SERVER2) SVRTYPE(*WINDOWS)
```

This command displays the Work with Network Server Status panel for a Windows server named SERVER2.

```
WRKNWSSTS SERVER(SERVER1) SVRTYPE(*NETWARE)
```

This command displays the Work with Network Server Status panel for a NetWare server named SERVER1.

Top

Error messages

*ESCAPE Messages

CPFA451

Server name too long.

Top

Work with Objects (WRKOBJ)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Objects (WRKOBJ) command shows a list of objects from one or more libraries.

The object name, object type, library name, object attribute, and short text description for the object are shown for each listed object. The data attributes and the actual data in the object are not shown. From this list, several object-oriented options can be performed.

Restrictions:

- Only the libraries to which you have use (*USE) authority will be searched.
- Only the objects to which you have some authority will be shown on the display.
- To perform operations on the objects, you must have *USE authority to the command used by the operation, and the appropriate authority to the objects on which the operation is to be performed.

Top

Parameters

Keyword	Description	Choices	Notes
OBJ	Object	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Object	<i>Generic name, name, *ALL</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB, *USRLIBL, *ALLUSR, *ALL</i>	
OBJTYPE	Object type	<i>*ALL, *ALRTBL, *AUTL, *BNDDIR, *CFGL, *CHTFMT, *CLD, *CLS, *CMD, *CNNL, *COSD, *CRG, *CRQD, *CSI, *CSPMAP, *CSPTBL, *CTLD, *DEVD, *DOC, *DTAARA, *DTADCT, *DTAQ, *EDTD, *EXITRG, *FCT, *FILE, *FLR, *FNITBL, *FNTRSC, *FORMDF, *FTR, *GSS, *IGCDCT, *IGCSRT, *IGCTBL, *IMGCLG, *IPXD, *JOBQ, *JOBQ, *JOBSCD, *JRN, *JRNRCV, *LIB, *LIND, *LOCALE, *MEDDFN, *MENU, *MODD, *MODULE, *MSGF, *MSGQ, *MGTCOL, *M36, *M36CFG, *NODL, *NODGRP, *NTBD, *NWID, *NWSCFG, *NWS, *OUTQ, *OVL, *PAGDFN, *PAGSEG, *PDFMAP, *PDG, *PGM, *PNLGRP, *PRDAVL, *PRDDFN, *PRDLOD, *PSFCFG, *QMFORM, *QMORY, *QRYDFN, *RCT, *S36, *SBSD, *SCHIDX, *SPADCT, *SQLPKG, *SQLUDT, *SRVPGM, *SVRSTG, *SSND, *TBL, *TIMZON, *USRIDX, *USRPRF, *USRQ, *USRSFC, *VLDL, *WSCST</i>	Optional, Positional 2

Top

Object (OBJ)

Specifies the objects to be shown on the Work with Objects display.

This is a required parameter.

Qualifier 1: Object

***ALL** All objects of the object types specified for the **Object type (OBJTYPE)** parameter.

generic-name

Specify the generic name of the object to be shown. A generic name is a character string that contains one or more characters followed by an asterisk (*). If a generic name is specified, all objects that have names with the same prefix as the generic name are shown.

name Specify the name of the object to be shown.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

***CURLIB**

The current library for the thread is searched. If no library is specified as the current library for the thread, the QGPL library is searched.

***USRLIBL**

If a current library entry exists in the library list for the current thread, the current library and the libraries in the user portion of the library list are searched. If there is no current library entry, only the libraries in the user portion of the library list are searched.

***ALLUSR**

All user libraries are searched. All libraries with names that do not begin with the letter Q are searched except for the following:

#CGULIB	#DSULIB	#SEULIB
#COBLIB	#RPGLIB	
#DFULIB	#SDALIB	

Although the following Qxxx libraries are provided by IBM, they typically contain user data that changes frequently. Therefore, these libraries are considered user libraries and are also searched:

QDSNX	QRCLxxxxx	QUSRIJS	QUSRVRxMx
QGPL	QSRVAGT	QUSRINFSKR	
QGPL38	QSYS2	QUSRNOTES	
QMGTC	QSYS2xxxxx	QUSROND	
QMGTC2	QS36F	QUSRPOSGS	
QMPGDATA	QUSER38	QUSRPOSSA	
QMOMDATA	QUSRADSM	QUSRPYMSVR	
QMOMPROC	QUSRBRM	QUSRDRARS	
QPFRDATA	QUSRDIRCL	QUSRSYS	
QRCL	QUSRDIRDB	QUSRVI	

1. 'xxxxx' is the number of a primary auxiliary storage pool (ASP).
2. A different library name, in the format QUSRVRxRxMx, can be created by the user for each previous release supported by IBM to contain any user commands to be compiled in a CL program for the previous release. For the QUSRVRxRxMx user library, VxRxMx is the version, release, and modification level of a previous release that IBM continues to support.

***ALL** All libraries in the system, including QSYS, are searched.

name Specify the name of the library to be searched.

Top

Object type (OBJTYPE)

Specifies the object type for objects to be shown.

***ALL** All objects are shown that have an object name that matches the value specified for the **Object (OBJ)** parameter.

object-type

Specify the object type for objects to be listed, such as command (*CMD), file (*FILE), or program (*PGM). To see a complete list of object types when prompting this command, position the cursor on the field for this parameter and press F4 (Prompt).

Top

Examples

```
WRKOBJ OBJ(X/PAY) OBJTYPE(*ALL)
```

This command displays the Work with Objects panel, showing all objects for which you authority whose names begin with the letters 'PAY' and are located in library X.

Top

Error messages

*ESCAPE Messages

CPF9809

Library &1 cannot be accessed.

CPF9810

Library &1 not found.

CPF9820

Not authorized to use library &1.

Top

Work with Object Locks (WRKOBJLCK)

Where allowed to run: All environments (*ALL)
 Threadsafte: No

Parameters
 Examples
 Error messages

The Work with Object Locks (WRKOBJLCK) command allows you to work with the object lock requests in the system for a specified object. You can work with both held locks and locks waiting to be applied.

Restrictions:

1. The user must have *EXECUTE authority to the library containing the object and to the ASP device description. Otherwise, the user must have *JOBCTL special authority.
2. This command does not show record locks for database files.
3. Work station message queues cannot be allocated, and therefore, they will not have any locks. A work station message queue is associated with a work station device description of the same name. Therefore, to determine why an operation that requires the work station message queue to be allocated does not work, the user should see if there are any locks on the device description of the same name.

Top

Parameters

Keyword	Description	Choices	Notes
OBJ	Object	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Object	<i>Name</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB</i>	
OBJTYPE	Object type	*ALRTBL, *AUTL, *BNDDIR, *CFGL, *CHTFMT, *CLD, *CLS, *CMD, *CNL, *COSD, *CRG, *CRQD, *CSI, *CSPMAP, *CSPTBL, *CTLD, *DEVD, *DOC, *DTAARA, *DTADCT, *DTAQ, *EDTD, *EXITRG, *FCT, *FILE, *FLR, *FNTRSC, *FNTTBL, *FORMDF, *FTR, *GSS, *IGCDCT, *IGCSRT, *IGCTBL, *IMGCLG, *IPXD, *JOBQ, *JOBQ, *JOBSCD, *JRN, *JRNRCV, *LIB, *LIND, *LOCALE, *MEDDFN, *MENU, *MGTCOL, *MODD, *MODULE, *MSGF, *MSGQ, *M36, *M36CFG, *NODL, *NTBD, *NWID, *NWSCFG, *NWS, *OUTQ, *OVL, *PAGDFN, *PAGSEG, *PDFMAP, *PDG, *PGM, *PNLGRP, *PRDAVL, *PRDDFN, *PRDLOD, *PSFCFG, *QMFORM, *QMORY, *QRYDFN, *SBS, *SCHIDX, *SPADCT, *SQLPKG, *SQLUDT, *SRVPGM, *SSND, *S36, *TBL, *TIMZON, *USRIDX, *USRPRE, *USRQ, *USRSPC, *VLDL, *WSCST	Required, Positional 2
MBR	Member	<i>Name, *NONE, *FIRST, *ALL</i>	Optional, Positional 3
ASPDEV	ASP device	<i>Name, *, *SYSBAS</i>	Optional
OUTPUT	Output	<i>*, *PRINT</i>	Optional

Top

Object (OBJ)

Specifies the name and library of the object for which locks are being displayed.

This is a required parameter.

Qualifier1: Object

name Specify the name of the object.

Qualifier2: Library

***LIBL** All libraries in the thread's library list are searched until a match is found.

***CURLIB**

The current library for the thread is used to locate the object. If no library is specified as the current library for the thread, the QGPL library is used.

name Specify the name of the library where the object is located.

If a file member is specified for a file, and the file's library value is *LIBL, the first occurrence of the file in the thread's library search list is searched for the member. For object types that exist only in library QSYS (for example, *DEVDD), QSYS and *LIBL are the only library names that are accepted. When specifying a value other than * for the **ASP device (ASPDEV)**, *LIBL can not be specified.

Top

Object type (OBJTYPE)

Specifies the object type of the object for which locks are being displayed. Specify the predefined value that identifies the object type.

This is a required parameter.

Object-type

Specify the object type. Refer to the **Object type (OBJTYPE)** parameter of the Work with Objects (WRKOBJ) command for more information.

Top

Member (MBR)

Specifies the member name of a database file. This parameter is valid only when a database file has been specified for the **Object (OBJ)** parameter.

***NONE**

No member locks are displayed, but file level locks are displayed. (The display of member locks for all the members in the file can be requested from the file locks display.)

***FIRST**

The first member in the named database file is displayed.

***ALL** Member locks for all the members in the database file are displayed.

name Specify the name of the database file member for which locks are displayed.

Top

ASP device (ASPDEV)

Specifies the auxiliary storage pool (ASP) device name where the library that contains the object (specified for the **Object (OBJ)** parameter) is located. If the object's library resides in an ASP that is not part of the library name space associated with the thread, this parameter must be specified to ensure the correct object is used as the target of the operation.

*
_ The ASPs that are currently part of the thread's library name space will be searched to locate the object. This includes the system ASP (ASP number 1), all configured basic user ASPs (ASP numbers 2-32), and, if the thread has an ASP group, all independent ASPs in the ASP group.

*SYSBAS

The system ASP and all basic user ASPs will be searched to locate the object. No independent ASPs will be searched, even if the thread has an ASP group.

name The device name of the independent ASP to be searched to locate the object. The independent ASP must have been activated (by varying on the ASP device) and have a status of 'Active' or 'Available'. The system ASP and basic user ASPs will not be searched.

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output.

*
_ The output is displayed for interactive jobs or printed with the job's spooled output for non-interactive jobs.

*PRINT

The output is printed with the job's spooled output.

Top

Examples

Example 1: Printing Object Lock Information for a File

```
WRKOBJLCK  OBJ(*LIBL/LOCKEDFILE) OBJTYPE(*FILE)
           MBR(LOCKEDMBR) OUTPUT(*PRINT)
```

This command prints the lock information for the member named LOCKEDMBR in the file named LOCKEDFILE. The file is located using the library list.

Example 2: Working With Object Locks for a Library on an Independent ASP

```
WRKOBJLCK  OBJ(QSYS/LIBNAME) OBJTYPE(*LIB) ASPDEV(PRODXX)
```

This command allows you to work with the lock information for the library LIBNAME located on the independent auxiliary storage pool (ASP) device PRODXX.

Top

Error messages

*ESCAPE Messages

CPF8ED

Device description &1 not correct for operation.

CPF0919
Library in library list damaged.

CPF0924
Cannot use library in library list.

CPF0935
Cannot use member name for object type *&2.

CPF0939
Object &3 type &2 was not found in library &4.

CPF0948
Member &1 file &3 in library &4 not found.

CPF095B
Value for ASPDEV not valid with special value for library.

CPF0950
&2 &3 in library &4 not found.

CPF0951
QSYS only valid library for object type &2.

CPF0952
Library &4 not found for &2 &3.

CPF0953
Library in library list previously deleted.

CPF0958
&2 &3 in library &4 saved with storage freed.

CPF0988
Library &4 damaged.

CPF1093
Override of file device type not valid.

CPF3285
Damage found on file &1 in library &3.

CPF9803
Cannot allocate object &2 in library &3.

CPF9804
Object &2 in library &3 damaged.

CPF9814
Device &1 not found.

CPF9820
Not authorized to use library &1.

CPF9825
Not authorized to device &1.

CPF9845
Error occurred while opening file &1.

CPF9846
Error while processing file &1 in library &2.

CPF9847
Error occurred while closing file &1 in library &2.

CPF9850

Override of printer file &1 not allowed.

CPF9851

Overflow value for file &1 in &2 too small.

CPF9871

Error occurred while processing.

[Top](#)

Work with Objects by Owner (WRKOBJOWN)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Objects by Owner (WRKOBJOWN) command is used to manage objects for any user profile. This command displays objects owned by a user profile and performs the following:

- Edit object authority
- Delete the object
- Display object authority
- Rename the object
- Display the object's description
- Change the ownership of the object

Restrictions: You must have read (*READ) authority to the specified user profile.

Top

Parameters

Keyword	Description	Choices	Notes
USRPRF	User profile	Name, <u>*CURRENT</u>	Optional, Positional 1

Top

User profile (USRPRF)

Specifies the user profile whose owned objects are to be shown.

*CURRENT

Objects owned by the user profile that is running the WRKOBJOWN command are shown.

name Specify the name of the user profile whose owned objects are to be shown.

Top

Examples

Example 1: Working With Objects Owned by the Current User Profile

```
WRKOBJOWN  USRPRF(*CURRENT)
```

This command displays the Work with Objects by Owner panel, showing a list of the objects owned by the user running this command.

Example 2: Working With Objects Owned by a User Profile

```
WRKOBJOWN  USRPRF(BARTH)
```

This command displays the Work with Objects by Owner panel, showing a list of the objects owned by user profile BARTH.

Top

Error messages

*ESCAPE Messages

CPFA0AB

Operation failed for object. Object is &1.

CPFA1BF

Object &1 is not accessible.

CPFA1C0

Object &1 is not accessible.

CPF2204

User profile &1 not found.

CPF2213

Not able to allocate user profile &1.

CPF2217

Not authorized to user profile &1.

Top

Work Objects by Primary Group (WRKOBJPGP)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Objects by Primary Group (WRKOBJPGP) command is used to manage objects for which a user is the primary group. This command displays objects for which a user is the primary group and performs the following:

- Edit object authority
- Delete the object
- Display object authority
- Rename the object
- Display the object's description
- Change the primary group of the object

Restrictions:

- You must have read (*READ) authority to the specified primary group profile.

Top

Parameters

Keyword	Description	Choices	Notes
PGP	Primary group	<i>Name</i>	Required, Positional 1

Top

Primary group (PGP)

Specifies the group profile whose objects are to be worked with.

This is a required parameter.

name Specify the name of the group profile.

Top

Examples

```
WRKOBJPGP PGP(GROUP01)
```

This command displays the Work with Objects by Primary Group panel, showing a list of the objects for which group profile GROUP01 is the primary group.

Top

Error messages

*ESCAPE Messages

CPF2204

User profile &1 not found.

CPF2213

Not able to allocate user profile &1.

CPF2217

Not authorized to user profile &1.

[Top](#)

Work Objects by Private Auth (WRKOBJPVT)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Objects by Private Authority (WRKOBJPVT) command is used to manage objects for which a user has private authority. This command displays objects for which a user has private authority and performs the following:

- Edit object authority
- Delete the object
- Display object authority
- Rename the object
- Display the object's description

Note: This command may run a long time if the specified user profile has private authority to a large number of objects.

Restrictions:

- You must have read (*READ) authority to the specified user profile.

Top

Parameters

Keyword	Description	Choices	Notes
USRPRF	User profile	<i>Simple name</i> , <u>*CURRENT</u>	Optional, Positional 1

Top

User profile (USRPRF)

Specifies the user profile whose privately authorized objects are to be shown.

*CURRENT

Objects to which the user profile that is running the WRKOBJPVT command is privately authorized are shown.

name Specify the name of the user profile.

Top

Examples

```
WRKOBJPVT  USRPRF(EMP956)
```

This command displays the Work with Objects by Private Authority panel, showing a list of the objects for which user profile EMP956 has private authority.

Error messages

*ESCAPE Messages

CPF2204

User profile &1 not found.

CPF2213

Not able to allocate user profile &1.

CPF2217

Not authorized to user profile &1.

Work with OptiConnect Activity (WRKOPCACT)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

[Parameters](#)
[Examples](#)
[Error messages](#)

The Work with OptiConnect Activity (WRKOPCACT) command allows you to view information about database transactions, fiber optic bus activity, and connection status for client and server systems. When this command is run, three views of the Work with OptiConnect Activity display are available.

Options are available from the Work with OptiConnect Activity display to vary on or vary off systems or resources in the multisystem fiber optic network.

There are no parameters for this command.

[Top](#)

Parameters

None

[Top](#)

Examples

WRKOPCACT

This command shows the Work with OptiConnect Activity panel.

[Top](#)

Error messages

Unknown

[Top](#)

Work with Optical Directories (WRKOPTDIR)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Optical Directories (WRKOPTDIR) command displays a list of optical directories and provides options to create, to copy, to delete, and to display or print a list of directories and their attributes. This command also allows you to work with files in the directories.

Restrictions:

1. To use this command you must have at least *USE authority to the authorization list securing the volumes containing the optical directories.
2. You must have *CHANGE authority to create, copy, or delete optical directories.
3. If this command is issued for a directory on an optical volume which is in a remote optical server, only the following can be specified:
 - DIR(optical-directory-name)
 - VOL(volume-identifier)
 - SORT(*DIR)
 - SLTLVL(1).

Top

Parameters

Keyword	Description	Choices	Notes
DIR	Optical directory	<i>Character value, *ALL</i>	Optional, Positional 1
VOL	Volume identifier	<i>Character value, *ALL</i>	Optional, Positional 2
SORT	Sort by	<i>*DATE, *DIR</i>	Optional, Positional 3
SLTLVL	Select directory level	<i>Integer, 1, *ALL</i>	Optional
STRDATE	Starting date	<i>Date, *AVAIL</i>	Optional

Top

Optical directory (DIR)

Specifies the optical directories to be listed.

***ALL** All directories in the specified optical volume are listed.

optical-directory-name

Specify the name of a directory.

Top

Volume identifier (VOL)

Specifies the identifier of the volume that contains the directories specified on the DIR parameter.

***ALL** Optical volumes in direct-attached optical devices are listed.

volume-identifier

Specify the volume identifier of the volume to search.

Top

Sort by (SORT)

Specifies how the output for each volume is sorted.

Note: If the optical volume was initialized as a backup volume, this parameter is ignored.

***DATE**

The output list is sorted in order by the date that the volume was created, beginning with the most recent date.

***DIR** The output list is sorted in alphabetical order by directory name.

Top

Select directory level (SLTLVL)

Specifies the number of levels of the directory structure to include in the list when SORT(*DIR) is specified.

Note: If the optical volume was initialized as a backup volume, this parameter is ignored.

1 Only first level directories are listed.

***ALL** All directories are listed.

select-directory-level

Specify the number of subdirectory levels for the specified directory. Valid values range from 1 through 32767.

Top

Starting date (STRDATE)

Specifies the starting date for the list when SORT(*DATE) is specified. Only directories created on or before the starting date are listed.

Note: If the optical volume was initialized as a backup volume, this parameter is ignored.

***AVAIL**

The directories created on all available dates are included in the output list.

starting-date

Specify the starting date.

Top

Examples

WRKOPTDIR VOL(VOL01)

This command displays the Work with Optical Directories panel, showing a list of all optical directories on the volume VOL01 sorted by the date they were created.

Top

Error messages

*ESCAPE Messages

OPT1205

Directory not found.

OPT1215

Directory cannot be deleted.

OPT1317

Directory name is too long.

OPT1320

Optical volume &1 in use.

OPT1325

Optical volume format not recognized.

OPT1331

Optical volume &1 not found.

OPT1340

Optical volume &1 not initialized.

OPT1805

Error accessing optical volume index file.

OPT1810

Error accessing optical directory index file.

OPT1815

Internal program error occurred.

OPT2301

Internal system object in use.

*STATUS Messages

OPT1937

Unable to display all requested files.

Top

Work with Optical Files (WRKOPTF)

Where allowed to run: Interactive environments (*INTERACT
 *IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
 Examples
 Error messages

The Work with Optical Files (WRKOPTF) command displays a list of optical files on the system and provides options to copy, to delete, to rename and to display or print a list of optical files and their attributes.

Restrictions:

1. To use this command you must have *USE authority to the authorization list securing the volume containing the optical files.
2. If this command is issued for an optical volume which is in a remote optical server, only the following can be specified:
 - DIR(optical-directory-name)
 - FILE(*ALL)
 - FILE(file-name)
 - FILE(generic*-file-name)

Top

Parameters

Keyword	Description	Choices	Notes
VOL	Volume identifier	<i>Character value</i>	Required, Positional 1
DIR	Directory	<i>Character value, *ALL</i>	Required, Positional 2
FILE	File	<i>Character value, *SELECT, *<u>ALL</u></i>	Optional, Positional 3
SLTFILE	Select files	<i>Element list</i>	Optional
	Element 1: From file	<i>Character value, *<u>ALL</u></i>	
	Element 2: To file	<i>Character value</i>	
SLTDATE	Select date	<i>Element list</i>	Optional
	Element 1: Date type	<i>*<u>CREATED</u>, *<u>MODIFIED</u></i>	
	Element 2: Starting date and time	<i>Element list</i>	
	Element 1: Starting time	<i>Time, *<u>AVAIL</u></i>	
	Element 2: Starting date	<i>Date, *<u>BEGIN</u></i>	
	Element 3: Ending date and time	<i>Element list</i>	
	Element 1: Ending time	<i>Time, *<u>AVAIL</u></i>	
	Element 2: Ending date	<i>Date, *<u>END</u></i>	

Top

Volume identifier (VOL)

Specifies the identifier of the optical volume that contains the files to be listed.

Top

Directory (DIR)

Specifies the optical directory that contains the files specified to be listed, beginning with the root directory of the volume.

This is a required parameter.

***ALL** All directories on the specified optical volume are listed. If DIR(*ALL) is specified, only optical files contained in the root directory are listed.

directory-name

Specify the name of a directory.

Top

File (FILE)

Specifies the file or files to be listed.

***ALL** All files in the specified directory are listed.

***SELECT**

The files in the range specified on the SLTFILE parameter are listed.

Note: This value is ignored for volumes in remote optical servers.

file-name

Specify the name of a file.

generic-file-name*

Specify the generic name of the file you want to work with. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. The asterisk substitutes for any valid characters. A generic name specifies all objects with names that begin with the generic prefix for which the user has authority. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete object name.

Top

Select files (SLTFILE)

Specifies the range of files to be listed.

Notes:

1. This parameter is valid only if FILE(*SELECT) is specified and is ignored if the optical volume was initialized as a backup volume.
2. This parameter is not valid for remote optical servers.

Element 1: From file

***ALL** All files in the specified directory are selected.

from-file

Specify the name of the first file in the name range to be selected.

generic-file-name*

Specify the generic name of the optical files to be selected.

Element 2: To file

to-file Specify the name of the last file in the name range.

Note: This value is ignored when the from-file value is *ALL or generic*.

Top

Select date (SLTDATE)

Specifies the date and the time range of the files to be selected.

Notes:

1. This parameter is valid only if FILE(*SELECT) is specified and is ignored if the optical volume was initialized as a backup volume.
2. This parameter is not valid for remote optical servers.

Element 1: Date type

*CREATED

The files are selected by the dates on which they were created.

*MODIFIED

The files are selected by the dates on which they were changed.

Element 2: Starting date and time

Element 1: Starting time

*AVAIL

The time range includes all possible times before the end time.

start-time

Specify the earliest time in the time range.

Element 2: Starting date

*BEGIN

The date of the oldest file is the starting date.

start-date

Specify the earliest date in the date range.

Element 3: Ending date and time

Element 1: Ending time

*AVAIL

The time range includes all times after the starting time.

end-time

Specify the last time in the time range.

Element 2: Ending date

*END

The date of the newest file is the ending date.

end-date

Specify the last date in the date range.

Top

Examples

Example 1: Displaying Optical Files in a Root Directory

```
WRKOPTF VOL(VOL01) DIR(*ALL)
```

This command displays a list of all optical files in the root directory on the optical volume VOL01.

Example 2: Displaying Optical Files in a Specific Directory

```
WRKOPTF VOL(VOL02) DIR('/DIR1') FILE(*ALL)
```

This command displays a list of all optical files in the directory DIR1 on the optical volume VOL02.

Example 3: Displaying Optical Files Created on Specific Dates

```
WRKOPTF VOL(VOL03) DIR('/DIR2')  
FILE(*SELECT) SLTFILE(*ALL)  
SLTDATE(*CREATED ('12:01:00' '1/1/94')  
('23:59:59' '12/31/94'))
```

This command displays a list of all optical files in the directory DIR2 on the volume VOL03 created between 12:01:00 on January 1, 1994 and 23:59:59 on December 31, 1994.

Top

Error messages

*ESCAPE Messages

OPT0159

Beginning selection is greater than ending selection.

OPT1115

File not found.

OPT1205

Directory not found.

OPT1212

Directory in use.

- OPT1220**
File or directory name already exists.
- OPT1224**
Path length exceeds the maximum of 256 bytes.
- OPT1317**
Directory name is too long.
- OPT1320**
Optical volume &1 in use.
- OPT1325**
Optical volume format not recognized.
- OPT1330**
Optical volume not found or not useable.
- OPT1331**
Optical volume &1 not found.
- OPT1340**
Optical volume &1 not initialized.
- OPT1360**
Media directory corrupted on optical volume &1.
- OPT1460**
Optical volume &1 is not in an optical device.
- OPT1463**
Operation not completed, optical volume is not a primary volume.
- OPT1489**
Volume parameter is not permitted for device &1.
- OPT1530**
&1 does not represent a valid optical device.
- OPT1555**
Optical device &1 in use.
- OPT1605**
Media or device error occurred.
- OPT1640**
Error occurred reading files or directories.
- OPT1790**
Operation not allowed or conflicts with another request.
- OPT1805**
Error accessing optical volume index file.
- OPT1810**
Error accessing optical directory index file.
- OPT1815**
Internal program error occurred.
- OPT1820**
Internal error occurred on optical device &1.
- OPT1821**
Error occurred on optical device &1.

- OPT1825**
Optical indexes are incorrect for optical device &1.
- OPT1860**
Request to optical device &1 failed.
- OPT1861**
No device description configured for resource &1.
- OPT1862**
No active device description for resource &1.
- OPT1863**
Optical libraries need to be reclaimed.
- OPT1872**
Optical request timed out or was cancelled.
- OPT2301**
Internal system object in use.
- OPT7740**
User not authorized to object &2 in library &3 type &4.

Top

Work with Optical Volumes (WRKOPTVOL)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Optical Volumes (WRKOPTVOL) command displays a list of optical volumes and provides options to:

- add an optical cartridge
- remove an optical cartridge
- change optical volume attributes
- display optical volume attributes
- print optical volume attributes
- copy a volume
- initialize a volume
- rename a volume
- delete a volume entry

Top

Parameters

Keyword	Description	Choices	Notes
DEV	Optical device	Name, <u>*ALL</u>	Optional, Positional 1
VOL	Volume identifier	Character value, <u>*ALL</u> , *BACKUP, *INDRIVE, *REMOVED	Optional, Positional 2
CSI	Side information	Character value, <u>*ALL</u> , *NONE	Optional
RTVEXTINFO	Retrieve extended information	<u>*NO</u> , *YES	Optional

Top

Optical device (DEV)

Specifies the optical device from which the volumes are listed.

*ALL The volumes in all optical devices are listed.

optical-device-name

Specify the name of an optical device from which the volumes are listed.

Top

Volume identifier (VOL)

Specifies the optical volume identifiers which are listed.

*ALL All optical volume identifiers in the specified optical devices are listed.

***BACKUP**

The optical volumes in the specified optical devices whose type is backup are listed.

***INDRIVE**

Only the volumes which are currently in a drive for the specified optical device are listed.

***REMOVED**

The volumes removed from optical libraries but whose information was kept in the optical index database files are listed.

volume-identifier

Specify the identifier of a specific volume to be listed.

Top

Side information (CSI)

Specifies the communications side information objects representing the optical servers in the optical configuration from which the volumes are listed. This parameter is valid only when DEV(*ALL) is specified.

***ALL** The names of volumes for all remote optical servers are listed.

***NONE**

No volumes are listed for remote optical servers.

communications-side-information-object-name

Specify the name of the communications side information object representing the optical server for which volumes are listed.

Top

Retrieve extended information (RTVEXTINFO)

Specifies whether extended volume information, such as location of the volume and the percentage of the volume used, is retrieved.

***NO** No extended volume information is retrieved.

***YES** The extended volume information is retrieved.

Top

Examples

Example 1: Displaying Optical Volumes in an Optical Device

```
WRKOPTVOL  DEV(OPT01)
```

This command displays the Work with Optical Volumes panel, showing a list of all optical volumes in the optical device OPT01.

Example 2: Displaying Optical Volumes in a Remote Server

```
WRKOPTVOL  DEV(*ALL) VOL(*ALL) CSI(LAN01)
```

This command displays the Work with Optical Volumes panel, showing a list of all optical volumes in the optical server LAN01.

Top

Error messages

***ESCAPE Messages**

OPT1530

&1 does not represent a valid optical device.

OPT1805

Error accessing optical volume index file.

OPT1815

Internal program error occurred.

OPT1860

Request to optical device &1 failed.

OPT2301

Internal system object in use.

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Work with Order Information (WRKORDINF)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Order Information (WRKORDINF) command lets you:

- automatically create an order information file for the system each time the command is run
- copy the order information files to selected media
- copy the order information files from selected media
- send order information files for this or any other AS/400 system to IBM

Restrictions:

1. To use this command, you must be signed on as QSYSOPR or QSRV, or have *ALLOBJ authority.
2. This command is shipped with public *EXCLUDE authority.

There are no parameters for this command.

[Top](#)

Parameters

None

[Top](#)

Examples

WRKORDINF

This command displays the Work with Order Information menu.

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Error messages

None

[Top](#)

Work with Order Requests (WRKORDRQS)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Order Requests (WRKORDRQS) command manages the order log on the AS/400. The order assistance requests are created with the Request Order Assistance (RQSORDAST) command and logged in the order log. Using the WRKORDRQS command you can display, send, answer, delete, and print order assistance requests.

Within an APPN network, the WRKORDRQS command sends and answers order assistance requests to other AS/400 systems.

There are no parameters for this command.

[Top](#)

Parameters

None

[Top](#)

Examples

WRKORDRQS

This command displays the Work with Order Requests panel, showing the list of previously submitted order assistance requests. The first item in the list is the most recently updated item.

[Top](#)

Error messages

None

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Work with Output Queue (WRKOUTQ)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Output Queues (WRKOUTQ) command allows the user to display and work with either the overall status of all output queues or all output queues that match the qualified generic name specified and to which the user is authorized, or the detailed status of a specific output queue. The status of the queues may change while the command is being run.

Top

Parameters

Keyword	Description	Choices	Notes
OUTQ	Output queue	Single values: *ALL Other values: <i>Qualified object name</i>	Optional, Positional 1
	Qualifier 1: Output queue	<i>Generic name, name</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB, *ALL</i>	
OUTPUT	Output	*, *PRINT _	Optional, Positional 2

Top

Output queue (OUTQ)

Specifies either that the status of all output queues or all output queues that match the qualified generic name specified is shown, or specifies the qualified name of a single output queue for which the status is shown.

Note: When a generic output queue name is specified and qualified with a library name, the overall status of all output queues that match the generic name is shown even if there is only one output queue that matches the generic name.

Single values

***ALL** A list of all output queues is displayed with information about each output queue. If *ALL is specified, no value can be specified for a library name because *ALL provides a list of all output queues in every library on the system.

Qualifier 1: Output queue

generic-name

Specify the generic name of the output queues whose detailed status information are to be displayed. A list of all spooled files on the output queue is displayed with information about each spooled file.

name Specify the name of the output queue whose detailed status information is to be displayed. A list of all spooled files on the output queue is displayed with information about each spooled file.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched until the first match is found.

***CURLIB**

The current library for the job is used to locate the output queue.

***ALL** All libraries in the system, including QSYS, are searched.

Note: When *ALL is specified for the library, the overall status of the output queues is shown even if only one output queue is found.

name Specify the name of the library where the output queue is located.

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or is printed with the job's spooled output on a printer.

***** The output is displayed (if requested by an interactive job) or printed with the job's spooled output (if requested by a batch job).

***PRINT**

The output is printed with the job's spooled output on a printer.

Top

Examples

Example 1: Working with Status Information for Specific Output Queue

```
WRKOUTQ  OUTQ(QGPL/QPRINT)
```

This command displays the Work with Output Queue panel for output queue QPRINT in library QGPL. Each spooled file on the QPRINT output queue is shown.

Example 2: Searching for Output Queues Using a Generic Name

```
WRKOUTQ  OUTQ(QGPL/QPRI*)
```

This command displays the Work with All Output Queues panel, showing a list of all output queues whose names start with the letters 'QPRI' and exist in the QGPL library.

Top

Error messages

*ESCAPE Messages

CPF2207

Not authorized to use object &1 in library &3 type *&2.

CPF3302

Override of print file &1 to file &2 not valid.

CPF3330

Necessary resource not available.

CPF3357

Output queue &1 in library &2 not found.

CPF7D41

Error occurred while logging order assistance request.

CPF7D42

Error occurred while performing database operation.

CPF9845

Error occurred while opening file &1.

CPF9846

Error while processing file &1 in library &2.

CPF9871

Error occurred while processing.

[Top](#)

Work with OUTQ Description (WRKOUTQD)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Output Queue Description (WRKOUTQD) command shows the description of the specified output queue. The description of the queue may change while the command is being run.

Top

Parameters

Keyword	Description	Choices	Notes
OUTQ	Output queue	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Output queue	<i>Name</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB</i>	
OUTPUT	Output	<i>_, *PRINT</i>	Optional, Positional 2

Top

Output queue (OUTQ)

Specifies the output queue whose description is to be displayed.

This is a required parameter.

Qualifier 1: Output queue

name Specify the name of the output queue whose description is displayed.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched until the first match is found.

*CURLIB

The current library for the job is used to locate the output queue.

name Specify the name of the library where the output queue is located.

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output on a printer.

***** The output is displayed (if requested by an interactive job) or printed with the job's spooled output (if requested by a batch job).

*PRINT

The output is printed with the job's spooled output on a printer.

Examples

WRKOUTQD OUTQ(QGPL/QPRINT)

This command displays the Work with Output Queue Description panel for the output queue named QPRINT which is in the QGPL library.

Top

Error messages

*ESCAPE Messages

CPF2150

Object information function failed.

CPF2151

Operation failed for &2 in &1 type *&3.

CPF2207

Not authorized to use object &1 in library &3 type *&2.

CPF3302

Override of print file &1 to file &2 not valid.

CPF3330

Necessary resource not available.

CPF3357

Output queue &1 in library &2 not found.

CPF7D41

Error occurred while logging order assistance request.

CPF7D42

Error occurred while performing database operation.

CPF9845

Error occurred while opening file &1.

CPF9846

Error while processing file &1 in library &2.

CPF9871

Error occurred while processing.

Top

Work with Overlays (WRKOVL)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Overlays (WRKOVL) command allows you to work with all of the overlay space objects from the system or user libraries (or both).

Top

Parameters

Keyword	Description	Choices	Notes
OVL	Overlay	<i>Qualified object name</i>	Optional, Positional 1
	Qualifier 1: Overlay	<i>Generic name, name, <u>*ALL</u></i>	
	Qualifier 2: Library	<i>Name, <u>*LIBL</u>, *CURLIB, *USRLIBL, *ALLUSR, *ALL</i>	

Top

Overlay (OVL)

Specifies the overlay to work with. A specific overlay or a generic overlay can be specified.

This is a required parameter.

Qualifier 1: Overlay

***ALL** All overlays are worked with.

generic-name

Specify the generic name of the overlays to work with. A generic name can be specified as a character string that contains one or more characters followed by an asterisk (*). If a generic name is specified, all overlays that have names with the same prefix as the generic overlay name are worked with.

name Specify the name of the overlay to work with.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

***CURLIB**

The current library for the job is searched for overlays to work with. If no library is specified as the current library for the job, QGPL is used.

***USRLIBL**

If a current library entry exists in the library list for the current thread, the current library and the libraries in the user portion of the library list are searched. If there is no current library entry, only the libraries in the user portion of the library list are searched.

*ALLUSR

All user libraries are searched. All libraries with names that do not begin with the letter Q are searched except for the following:

```
#CGULIB    #DSULIB    #SEULIB
#COBLIB    #RPLLIB    #RPLLIB
#DFULIB    #SDALIB
```

Although the following Qxxx libraries are provided by IBM, they typically contain user data that changes frequently. Therefore, these libraries are considered user libraries and are also searched:

```
QDSNX      QRCLxxxxx  QUSRIJS    QUSRVxRxMx
QGGL       QSRVAGT    QUSRINFSKR
QGGL38     QSYS2      QUSRNOTES
QMGTC      QSYS2xxxxx QUSROND
QMGTC2     QS36F      QUSRPOSGS
QMPGDATA   QUSER38    QUSRPOSSA
QMOMDATA   QUSRADSM   QUSRPYMSVR
QMOMPROC   QUSRBRM    QUSRDRARS
QPFRDATA   QUSRDIRCL  QUSRSYS
QRCL       QUSRDIRDB  QUSRVI
```

1. 'xxxxx' is the number of a primary auxiliary storage pool (ASP).
2. A different library name, in the format QUSRVxRxMx, can be created by the user for each previous release supported by IBM to contain any user commands to be compiled in a CL program for the previous release. For the QUSRVxRxMx user library, VxRxMx is the version, release, and modification level of a previous release that IBM continues to support.

***ALL** All libraries in the system, including QSYS, are searched.

name Specify a library name. Only the library named in this parameter is searched for overlays to work with.

Top

Examples

```
WRKOVL OVL(*LIBL/OV*)
```

This command searches the library list to find the overlay objects whose names begin with the letters 'OV'. All overlay objects with names beginning with 'OV' are shown on the Work with Overlays panel. If no overlay objects beginning with 'OV' exist in the library list, the WRKOVL display is shown with a message indicating that an object matching the specified name cannot be found.

Top

Error messages

*ESCAPE Messages

CPF9809

Library &1 cannot be accessed.

Top

Work with Page Definitions (WRKPAGDFN)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work With Page Definitions (WRKPAGDFN) command displays a list of page definitions. From the display, you can create or delete a page definition, display the name and attributes of a page definition, or change the description of a page definition.

[Top](#)

Parameters

Keyword	Description	Choices	Notes
PAGDFN	Page definition	<i>Qualified object name</i>	Optional, Positional 1
	Qualifier 1: Page definition	<i>Generic name, name, *ALL</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB, *USRLIBL, *ALLUSR, *ALL</i>	

[Top](#)

Page definition (PAGDFN)

Specifies the page definition to be listed on the Work with Page Definitions display. Only those page definitions for which you have *READ authority are shown.

This is a required parameter.

Qualifier 1: Page definition

***ALL** All page definitions are listed.

generic-name

Specify the generic name of the page definitions to be listed. A generic name is a character string that contains one or more characters followed by an asterisk (*).

name Specify the name of the page definition. If *LIBL or *USRLIBL is specified as the library name, only the first page definition found with the specified name is listed.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

***USRLIBL**

If a current library entry exists in the library list for the current thread, the current library and the libraries in the user portion of the library list are searched. If there is no current library entry, only the libraries in the user portion of the library list are searched.

***CURLIB**

Only the current library is searched. If no current library entry exists in the library list, QGPL is used.

***ALL** All libraries in the system, including QSYS, are searched.

*ALLUSR

All user libraries are searched. All libraries with names that do not begin with the letter Q are searched except for the following:

```
#CGULIB    #DSULIB    #SEULIB
#COBLIB    #RPGLIB
#DFULIB    #SDALIB
```

Although the following Qxxx libraries are provided by IBM, they typically contain user data that changes frequently. Therefore, these libraries are considered user libraries and are also searched:

```
QDSNX      QRCLxxxxx  QUSRIJS    QUSRVxRxMx
QGGL       QSRVAGT    QUSRINFSKR
QGGL38     QSYS2      QUSRNOTES
QMGTC      QSYS2xxxxx QUSROND
QMGTC2     QS36F      QUSRPOSGS
QMPGDATA   QUSER38    QUSRPOSSA
QMOMDATA   QUSRADSM   QUSRPYMSVR
QMOMPROC   QUSRBRM    QUSRDRARS
QPFRDATA   QUSRDIRCL  QUSRSYS
QRCL       QUSRDIRDB  QUSRVI
```

1. 'xxxxx' is the number of a primary auxiliary storage pool (ASP).
2. A different library name, in the format QUSRVxRxMx, can be created by the user for each previous release supported by IBM to contain any user commands to be compiled in a CL program for the previous release. For the QUSRVxRxMx user library, VxRxMx is the version, release, and modification level of a previous release that IBM continues to support.

name Specify the name of the library to be searched.

Top

Examples

```
WRKPAGDFN  PAGDFN(*CURLIB/P1DFLT)
```

This command searches the current library for the page definition P1DFLT. If P1DFLT does not exist, the Work with Page Definitions display shows a message indicating that an object matching the specified name cannot be found.

Top

Error messages

None

Top

Work with Page Segments (WRKPAGSEG)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Page Segments (WRKPAGSEG) command allows you to work with all of the page segment space objects from the system or user libraries (or both).

[Top](#)

Parameters

Keyword	Description	Choices	Notes
PAGSEG	Page segment	<i>Qualified object name</i>	Optional, Positional 1
	Qualifier 1: Page segment	<i>Generic name, name, <u>*ALL</u></i>	
	Qualifier 2: Library	<i>Name, <u>*LIBL</u>, *CURLIB, *USRLIBL, *ALLUSR, *ALL</i>	

[Top](#)

Page segment (PAGSEG)

Specifies the qualified name of the page segment to work with. A specific page segment or a generic page segment can be specified. Either type can be optionally qualified by a library name.

This is a required parameter.

Qualifier 1: Page segment

***ALL** All page segments are worked with.

generic-name

Specify the generic name of the page segments to work with. A generic name can be specified as a character string that contains one or more characters followed by an asterisk (*). If a generic name is specified, then all page segments that have names with the same prefix as the generic page segment name are worked with.

name Specify the name of the page segment to work with.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

***CURLIB**

The current library for the job is searched for page segments to work with. If no library specified as the current library for the job, QGPL is used.

***USRLIBL**

If a current library entry exists in the library list for the current thread, the current library and the libraries in the user portion of the library list are searched. If there is no current library entry, only the libraries in the user portion of the library list are searched.

*ALLUSR

All user libraries are searched. All libraries with names that do not begin with the letter Q are searched except for the following:

```
#CGULIB    #DSULIB    #SEULIB
#COBLIB    #RPGLIB
#DFULIB    #SDALIB
```

Although the following Qxxx libraries are provided by IBM, they typically contain user data that changes frequently. Therefore, these libraries are considered user libraries and are also searched:

```
QDSNX      QRCLxxxxx  QUSRIJS    QUSRVxRxMx
QGGL       QSRVAGT    QUSRINFSKR
QGGL38     QSYS2      QUSRNOTES
QMGTC      QSYS2xxxxx QUSROND
QMGTC2     QS36F      QUSRPOSGS
QMPGDATA   QUSER38    QUSRPOSSA
QMQMDATA   QUSRADSM   QUSRPYMSVR
QMQMPROC   QUSRBRM    QUSRDRARS
QPFRDATA   QUSRDIRCL  QUSRSYS
QRCL       QUSRDIRDB  QUSRVI
```

1. 'xxxxx' is the number of a primary auxiliary storage pool (ASP).
2. A different library name, in the format QUSRVxRxMx, can be created by the user for each previous release supported by IBM to contain any user commands to be compiled in a CL program for the previous release. For the QUSRVxRxMx user library, VxRxMx is the version, release, and modification level of a previous release that IBM continues to support.

***ALL** All libraries in the system, including QSYS, are searched.

name Specify a library name. Only the library named in this parameter is searched for page segments to work with.

Top

Examples

Example 1: Working with a Specific Page Segment

```
WRKPAGSEG  PAGSEG(MYLIB/PAGSEG1)
```

This command searches library MYLIB for a page segment with the name PAGSEG1. If PAGSEG1 is found, the information for that page segment is shown. If a PAGSEG1 does not exist in MYLIB, a message is shown on the Work with Page Segments display indicating that an object to match the specified name was not found.

Example 2: Searching the Library List for a Page Segment

```
WRKPAGSEG  PAGSEG(*LIBL/PAGSEG1)
```

This command searches the library list for the page segment named PAGSEG1. Only the first occurrence of PAGSEG1 is listed.

Top

Error messages

*ESCAPE Messages

CPF9809

Library &1 cannot be accessed.

Work with Protocol Table Entry (WRKPCLTBLE)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Protocol Table Entry (WRKPCLTBLE) command is used to show a list of protocol table entries from which you can add, remove, display or print the entries. You can also select to print the list.

The protocol table is used to manage a list of protocols used in the Internet. The **Internet** is a collection of networks functioning as a single, cooperative, and virtual network using Transmission Control Protocol/Internet Protocol to support peer-to-peer connectivity.

The protocol table is shipped with a list of some valid protocols.

Restrictions:

- You must have input/output system configuration (*IOSYSCFG) special authority to add or remove entries using this command.

Top

Parameters

Keyword	Description	Choices	Notes
PROTOCOL	Protocol	Character value, <u>*ALL</u>	Optional, Positional 1
OUTPUT	Output	*, <u>_</u> , *PRINT	Optional, Positional 2

Top

Protocol (PROTOCOL)

Specifies the protocol entry with which you want to work.

*ALL All protocols in the table are shown or printed.

name Specify the name of the protocol. All entries that match are shown or printed.

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output.

*
_ The output is displayed for interactive jobs or printed with the job's spooled output for non-interactive jobs.

*PRINT

The output is printed with the job's spooled output.

Examples

WRKPCLTBLE

This command displays the Work with Protocol Table Entries panel, showing a list of all the protocol table entries. You can select to add, remove, display, or print the protocol table entries from this list.

Error messages

None

Work with PEX Definitions (WRKPEXDFN)

Where allowed to run: All environments (*ALL)
Threadsafe: No

[Parameters](#)
[Examples](#)
[Error messages](#)

The Work with Performance Explorer Definition (WRKPEXDFN) command shows the user the list of existing Performance Explorer (PEX) definitions. You can add new definitions or display, remove, or change existing definitions.

Restrictions:

1. This command is shipped with public *EXCLUDE authority.
2. To use this command you must have *SERVICE special authority, or be authorized to the Service Trace function of i5/OS through iSeries Navigator's Application Administration support. The Change Function Usage Information (QSYCHFUI) API, with a function ID of QIBM_SERVICE_TRACE, can also be used to change the list of users that are allowed to perform trace operations.
3. The following user profiles have private authorities to use the command:
 - QPGMR
 - QSRV

There are no parameters for this command.

[Top](#)

Parameters

None

[Top](#)

Examples

WRKPEXDFN

This command displays the Work with Performance Explorer Definitions panel, from which performance explorer (PEX) definitions can be added, changed or removed.

[Top](#)

Error messages

None

[Top](#)

Work with PEX Filters (WRKPEXFTR)

Where allowed to run: All environments (*ALL)
Threadsafe: No

[Parameters](#)
[Examples](#)
[Error messages](#)

The Work with Performance Explorer Filter (WRKPEXFTR) command shows you a list of existing Performance Explorer filters. You can add new filters or display, remove, or change existing filters.

Restrictions:

1. This command is shipped with public *EXCLUDE authority.
2. To use this command you must have *SERVICE special authority, or be authorized to the Service Trace function of i5/OS through iSeries Navigator's Application Administration support. The Change Function Usage Information (QSYCHFUI) API, with a function ID of QIBM_SERVICE_TRACE, can also be used to change the list of users that are allowed to perform trace operations.
3. The following user profiles have private authorities to use the command:
 - QPGMR
 - QSRV

There are no parameters for this command.

[Top](#)

Parameters

None

[Top](#)

Examples

WRKPEXFTR

This command displays the Work with Performance Explorer Filters panel, from which performance explorer (PEX) filters can be added or removed.

[Top](#)

Error messages

None

[Top](#)

Work with PF Constraints (WRKPFCST)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Physical File Constraints (WRKPFCST) command can be used to show a display from which you can change, remove, or display physical file constraints. You can work with specified types of constraint relationships that are defined for all physical files or a specified physical file.

Top

Parameters

Keyword	Description	Choices	Notes
FILE	File	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: File	<i>Name</i> , *ALL	
	Qualifier 2: Library	<i>Name</i> , *LIBL, *CURLIB, *ALL	
TYPE	Constraint type	*ALL, *CHKCST, *CHKPND, *PRIKEY, *REFCST, *UNQCST	Optional, Positional 2

Top

File (FILE)

Specifies the physical file for which you are showing constraint relationships.

Qualifier 1: File

***ALL** All physical files that have constraint relationships are shown.

name Specify the name of the physical file.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

*CURLIB

The current library for the job is searched. If no library is specified as the current library for the job, the QGPL library is used.

***ALL** All libraries on the system are searched.

name Specify the name of the library to be searched.

Top

Constraint type (TYPE)

Specifies the type of constraint you are showing.

***ALL** All types of constraint relationships for the specified physical file are shown.

***CHKCST**

The check constraints are shown.

***REFCST**

The referential constraints are shown.

***UNQCST**

The unique constraints are shown.

***PRIKEY**

The primary key constraints are shown.

***CHKPND**

The constraint relationships that have records that possibly are in violation of the constraints and are pending verification (check pending) are shown.

Top

Examples

```
WRKPFCSST FILE(ADMN/PERSONNEL) TYPE(*CHKPND)
```

This command shows a list of the referential constraints that are in check pending status for the dependent file PERSONNEL located in the library ADMN.

Top

Error messages

*ESCAPE Messages

CPF9809

Library &1 cannot be accessed.

CPF9810

Library &1 not found.

CPF9812

File &1 in library &2 not found.

CPF9820

Not authorized to use library &1.

CPF9822

Not authorized to file &1 in library &2.

Top

Work with PF DataLinks (WRKPFDL)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Physical File DataLinks (WRKPFDL) command can be used to show a display from which you can reconcile or display physical file datalinks. You can work with the datalinks that are defined for all physical files or a specified physical file.

Top

Parameters

Keyword	Description	Choices	Notes
FILE	File	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: File	<i>Name</i> , *ALL	
	Qualifier 2: Library	<i>Name</i> , *LIBL, *CURLIB, *ALL	
DTALNK	DataLinks	*ALL, *LNKPND, *LNK	Optional, Positional 2

Top

File (FILE)

Specifies the physical file for which you are showing DataLinks.

This is a required parameter.

Qualifier 1: File

***ALL** All physical files that have datalink columns defined as FILE LINK CONTROL are shown.

name Specify the name of the physical file.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

*CURLIB

The current library for the job is searched. If no library is specified as the current library for the job, the QGPL library is used.

***ALL** All libraries on the system are searched.

name Specify the name of the library to be searched.

Top

DataLinks (DTALNK)

Specifies which datalinks you are showing.

***ALL** All datalinks defined with FILE LINK CONTROL are shown.

***LNKPND**

Datalinks which having pending links are shown.

***LNK** Datalinks which are currently linked are shown.

Top

Examples

```
WRKPFDL FILE(ADMN/*ALL) DTALNK(*LNKPND)
```

This command shows a list of all physical files in the ADMN library that are in link pending status.

Top

Error messages

*ESCAPE Messages

CPF9809

Library &1 cannot be accessed.

CPF9810

Library &1 not found.

CPF9812

File &1 in library &2 not found.

CPF9820

Not authorized to use library &1.

CPF9822

Not authorized to file &1 in library &2.

Top

Work with Programs (WRKPGM)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Programs (WRKPGM) command allows you to show a list of programs from one or more libraries.

Restrictions:

- Only the libraries to which you have use (*USE) authority will be searched.
- Only the programs to which you have object operational (*OBJOPR) authority will be shown.
- To perform operations on the programs, you must have *USE authority to the command used by the operation, and the appropriate authority to the programs on which the operation is to be performed.

Top

Parameters

Keyword	Description	Choices	Notes
PGM	Program	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Program	<i>Generic name, name, *ALL</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB, *USRLIBL, *ALLUSR, *ALL</i>	
PGMATR	Program attribute	<i>*ALL, ASM38, BAS, BAS38, CBL, CBLLE, CBL36, CBL38, CLE, CLLE, CLP, CLP38, CPPLE, CSP, DFU, DFUexc, DFUNOTexc, FTN, PAS, PAS38, PLI, PLI38, RMC, RPG, RPGLE, RPG36, RPG38</i>	Optional, Positional 2

Top

Program (PGM)

Specifies the programs to be shown.

This is a required parameter.

Qualifier 1: Program

***ALL** All programs are shown.

generic-name

Specify the generic name of the programs to be shown. A generic name is a character string that contains one or more characters followed by an asterisk (*). If a generic name is specified, all programs that have names with the same prefix as the generic name are shown.

name Specify the name of the program to be shown.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

*CURLIB

The current library for the thread is searched. If no library is specified as the current library for the thread, the QGPL library is searched.

*USRLIBL

If a current library entry exists in the library list for the current thread, the current library and the libraries in the user portion of the library list are searched. If there is no current library entry, only the libraries in the user portion of the library list are searched.

*ALLUSR

All user libraries are searched. All libraries with names that do not begin with the letter Q are searched except for the following:

#CGULIB	#DSULIB	#SEULIB
#COBLIB	#RPGLIB	
#DFULIB	#SDALIB	

Although the following Qxxx libraries are provided by IBM, they typically contain user data that changes frequently. Therefore, these libraries are considered user libraries and are also searched:

QDSNX	QRCLxxxxx	QUSRIJS	QUSRVxRxMx
QGPL	QSRVAGT	QUSRINFSKR	
QGPL38	QSYS2	QUSRNOTES	
QMGTC	QSYS2xxxxx	QUSROND	
QMGTC2	QS36F	QUSRPOSGS	
QMPGDATA	QUSER38	QUSRPOSSA	
QMOMDATA	QUSRADSM	QUSRPYMSVR	
QMOMPROC	QUSRBRM	QUSRDRARS	
QPFRDATA	QUSRDIRCL	QUSRSYS	
QRCL	QUSRDIRDB	QUSRVI	

1. 'xxxxx' is the number of a primary auxiliary storage pool (ASP).
2. A different library name, in the format QUSRVxRxMx, can be created by the user for each previous release supported by IBM to contain any user commands to be compiled in a CL program for the previous release. For the QUSRVxRxMx user library, VxRxMx is the version, release, and modification level of a previous release that IBM continues to support.

*ALL All libraries in the system, including QSYS, are searched.

name Specify the name of the library to be searched.

Top

Program attribute (PGMATR)

Specifies whether only programs with a specific program attribute are shown.

*ALL All programs specified for the **Program (PGM)** parameter are shown.

ASM38

Programs with the attribute ASM38 (System/38 Assembler programs) are shown. Programs with this attribute cannot be run on an iSeries system.

BAS Programs with the attribute BAS (BASIC programs) are shown.

BAS38

Programs with the attribute BAS38 (BASIC programs used in the System/38 environment) are shown.

CBL Programs with the attribute CBL (original program model (OPM) COBOL/400 programs) are shown.

CBLLE

Programs with the attribute CBLLE (integrated language environment (ILE) COBOL/400 programs) are shown.

CBL36 Programs with the attribute CBL36 (COBOL programs used in the System/36 environment) are shown.

CBL38 Programs with the attribute CBL38 (COBOL programs used in the System/38 environment) are shown.

CLE Programs with the attribute CLE (ILE C/400 programs) are shown.

CLLE Programs with the attribute CLLE (ILE control language (CL) programs) are shown.

CLP Programs with the attribute CLP (OPM CL programs) are shown.

CLP38 Programs with the attribute CLP38 (CL programs used in the System/38 environment) are shown.

CPPLE

Programs with the attribute CPPLE (ILE C++ programs) are shown.

CSP Programs with the attribute CSP (CSP/AE application programs) are shown.

DFU Programs with the attribute DFU (data file utility (DFU) programs) are shown.

DFUEXC

Programs with the attribute DFUEXC (DFU programs which can be run in the System/38 environment) are shown.

DFUNOTEXC

Programs with the attribute DFUNOTEXC (System/38 DFU programs which cannot be run in the System/38 environment) are shown.

FTN Programs with the attribute FTN (FORTRAN programs) are shown.

PAS Programs with the attribute PAS (PASCAL programs) are shown.

PAS38 Programs with the attribute PAS38 (PASCAL programs used in the System/38 environment) are shown.

PLI Programs with the attribute PLI (PL/I programs) are shown.

PLI38 Programs with the attribute PLI38 (PL/I programs used in the System/38 environment) are shown.

RMC Programs with the attribute RMC (RM/COBOL-85 programs) are shown.

RPG Programs with the attribute RPG (OPM RPG/400 programs) are shown.

RPGLE

Programs with the attribute RPGLE (ILE RPG/400 programs) are shown.

RPG36

Programs with the attribute RPG36 (RPG programs used in the System/36 environment) are shown.

RPG38

Programs with the attribute RPG38 (RPG programs used in the System/38 environment) are shown.

Top

Examples

Example 1: Working with Control Language Programs

```
WRKPGM PGM(MYLIB/*ALL) PGMATR(CLP)
```

This command displays the Work with Programs panel, showing a list of all the programs with the attribute CLP (control language program) to which the user has some authority that are stored in library MYLIB.

Example 2: Working with Programs by Generic Name

```
WRKPGM PGM(AB*)
```

This command displays the Work with Programs panel, showing a list of all programs in the library list that have names beginning with the letters 'AB'.

[Top](#)

Error messages

*ESCAPE Messages

CPF9809

Library &1 cannot be accessed.

CPF9820

Not authorized to use library &1.

[Top](#)

Work with Program Tables (WRKPGMTBL)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Program Table (WRKPGMTBL) command lets you create finance program tables and, once they are created, lets you add or delete program names in these tables. Several finance program tables can be defined, but you must use unique names for each table. If the program table you specify on this command does not exist, it is created.

Finance program table updates can be accessed by any finance job that is submitted after all changes are completed.

Restriction: This command is shipped with public *EXCLUDE authority.

Top

Parameters

Keyword	Description	Choices	Notes
PGMTBL	Program table	Name, *SELECT, * <u>ALL</u>	Optional, Positional 1
TEXT	Text 'description'	Character value, * <u>BLANK</u>	Optional

Top

Program table (PGMTBL)

Specifies the name of a table that contains finance program IDs and user-associated program names.

The possible values are:

***ALL** Displays all of the program tables currently defined.

***SELECT**

The Work with Program Table display is shown. With this display you can create, change, delete, or display program tables.

program-table-name

Specify the name of the program table that you want to work with.

Top

Text 'description' (TEXT)

Specifies the text that briefly describes the object.

The possible values are:

***BLANK**

No text is specified.

'description'

Specify no more than 50 characters of text, enclosed in apostrophes.

Top

Examples

Example 1: Working With All Finance Program Tables

```
WRKPGMTBL  PGMTBL(*SELECT)
```

This command allows you to work with all finance program tables. You can create a new table, or select an existing table to change, delete, or display.

Example 2: Working With a Program Table

```
WRKPGMTBL  PGMTBL(PGMTBL1)
```

This command allows you to work with program table PGMTBL1. With this command you can create, change, delete, or display a table.

Top

Error messages

*ESCAPE Messages

CPF8379

Error while processing file &1 in &2.

CPF8380

Error while opening file &1 in &2.

CPF8381

Error while closing file &1 in &2.

Top

Work With Remote Systems (WRKPMRMTS)

Where allowed to run:

- Interactive job (*INTERACT)

Threadsafe: No

[Parameters](#)
[Examples](#)
[Error messages](#)

In some sites, a host iSeries system in a network of iSeries systems sends the required performance data to IBM for processing. The other iSeries systems in the network may send their performance data to the host iSeries system for transmission to IBM. Use this display to identify those other iSeries systems, or remote systems, and to set the schedule for their data transmission.

The Work with Remote iSeries Systems display shows a list of remote iSeries systems. The display includes the status for the systems (active or inactive) and the descriptions. Use this display only if you have your iSeries system configured as a host system, and you need to create the setup for PM/400 remote systems.

If the display initially shows no entries, you must create a new remote location. Press F6 (Create) to create an entry by using the Create setup for PM/400 remote system display.

[Top](#)

Parameters

None

[Top](#)

Examples

None

[Top](#)

Error messages

Unknown

[Top](#)

Work With Top Ten Omissions (WRKPMRPTO)

Where allowed to run:

- Interactive job (*INTERACT)

Threadsafe: No

Parameters
Examples
Error messages

The PM eServer iSeries software application summary includes an analysis of the top ten items for batch jobs, users, and communication lines. However, some jobs, users, or communication lines are not appropriate for such an analysis. For example, you may want to exclude some jobs with longer than normal run times, such as autostart jobs, in the run time category.

From the Work with Top Ten Omissions menu, select one of the following to omit these jobs, users, or communication lines from the categories of the analysis.

The Omit Jobs from Top Ten display shows the jobs and the categories on which the analysis is based. The Omit Users from Top Ten display shows the users and the categories on which the analysis is based. The Omit Communication Lines from Top Ten display shows the communication lines and the categories on which the analysis is based. Type a 1 in the appropriate field to omit an item from a particular category.

You can omit groups of batch jobs and users from the top ten analysis by using the generic omit function provided by PM eServer iSeries. For example, to omit all jobs that start with MYAPP, specify MYAPP*.

[Top](#)

Parameters

None

[Top](#)

Examples

None

[Top](#)

Error messages

Unknown

[Top](#)

Work With Scheduled Jobs (WRKPMSCH)

Where allowed to run:

- Interactive job (*INTERACT)

Threadsafe: No

[Parameters](#)
[Examples](#)
[Error messages](#)

The Work with Automatically Scheduled Jobs display shows you when the PM eServer iSeries jobs are scheduled to run. You see the job name, status (A=active or I=inactive), next run date and time, and the number of runs to date.

Type 2 next to the job that you want to change and press Enter. You are shown the Change Automatically Scheduled Jobs display.

Press F5 (Refresh) to refresh the display with current job information.

[Top](#)

Parameters

None

[Top](#)

Examples

None

[Top](#)

Error messages

Unknown

[Top](#)

Work with Panel Groups (WRKPNLGRP)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Panel Groups (WRKPNLGRP) command allows you to show a list of panel groups from one or more libraries.

Restrictions:

- Only the libraries to which you have use (*USE) authority will be searched.
- Only the panel groups to which you have some authority will be shown on the display.
- To perform operations on the panel groups, you must have *USE authority to the command used by the operation, and the appropriate authority to the panel groups on which the operation is to be performed.

Top

Parameters

Keyword	Description	Choices	Notes
PNLGRP	Panel group	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Panel group	<i>Generic name, name, *ALL</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB, *USRLIBL, *ALLUSR, *ALL</i>	

Top

Panel group (PNLGRP)

Specifies the panel groups to be shown.

This is a required parameter.

Qualifier 1: Panel group

***ALL** All panel groups are shown.

generic-name

Specify the generic name of the panel groups to be shown. A generic name is a character string that contains one or more characters followed by an asterisk (*). If a generic name is specified, all panel groups that have names with the same prefix as the generic name are shown.

name Specify the name of the panel group to be shown.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

***CURLIB**

The current library for the thread is searched. If no library is specified as the current library for the thread, the QGPL library is searched.

*USRLIBL

If a current library entry exists in the library list for the current thread, the current library and the libraries in the user portion of the library list are searched. If there is no current library entry, only the libraries in the user portion of the library list are searched.

*ALLUSR

All user libraries are searched. All libraries with names that do not begin with the letter Q are searched except for the following:

```
#CGULIB    #DSULIB    #SEULIB
#COBLIB    #RPGLIB
#DFULIB    #SDALIB
```

Although the following Qxxx libraries are provided by IBM, they typically contain user data that changes frequently. Therefore, these libraries are considered user libraries and are also searched:

```
QDSNX      QRCLxxxxx  QUSRIJS    QUSRVxRxMx
QGGL38     QSRVAGT    QUSRINFSKR
QMGPL38    QSYS2      QUSRNOTES
QMGTC      QSYS2xxxxx QUSROND
QMGTC2     QS36F      QUSRPOSGS
QMPGDATA   QUSER38    QUSRPOSSA
QMOMDATA   QUSRADSM   QUSRPYMSVR
QMOMPROC   QUSRBRM    QUSR RDARS
QPFRDATA   QUSRDIRCL  QUSRSYS
QRCL       QUSRDIRDB  QUSRVI
```

1. 'xxxxx' is the number of a primary auxiliary storage pool (ASP).
2. A different library name, in the format QUSRVxRxMx, can be created by the user for each previous release supported by IBM to contain any user commands to be compiled in a CL program for the previous release. For the QUSRVxRxMx user library, VxRxMx is the version, release, and modification level of a previous release that IBM continues to support.

*ALL All libraries in the system, including QSYS, are searched.

name Specify the name of the library to be searched.

Top

Examples

```
WRKPNLGRP  PNLGRP(LIB01/ABC*)
```

This command displays the Work with Panel Groups panel, showing a list of panel groups whose names begin with the letters 'ABC' that exist in library LIB01.

Top

Error messages

*ESCAPE Messages

CPF9809

Library &1 cannot be accessed.

Top

Work with Problem (WRKPRB)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Problem (WRKPRB) command works with the Work with Problems display. You can use this command to work with problems that were detected by the system or detected by the user.

Problems are deleted from the log by using the Delete Problem (DLTPRB) command.

Restriction: This command is shipped with public *EXCLUDE authority and the QPGMR, QSYSOPR, QSRV, and QSRVBAS user profiles have private authorities to use the command.

Top

Parameters

Keyword	Description	Choices	Notes
PRBID	Problem identifier	Character value, <u>*ALL</u>	Optional, Positional 1
STATUS	Status type	Single values: <u>*ALL</u> Other values (up to 6 repetitions): *OPENED, *READY, *PREPARED, *SENT, *ANSWERED, *VERIFIED, *CLOSED	Optional
SEV	Severity	Single values: <u>*ALL</u> Other values (up to 3 repetitions): 1, 2, 3, 4	Optional
PERIOD	Period	Element list	Optional
	Element 1: Start time and date	Element list	
	Element 1: Start time	Time, <u>*AVAIL</u>	
	Element 2: Start date	Date, <u>*BEGIN</u> , *CURRENT	
	Element 2: End time and date	Element list	
	Element 1: End time	Time, <u>*AVAIL</u>	
	Element 2: End date	Date, <u>*END</u> , *CURRENT	
HARDWARE	Hardware	Element list	Optional
	Element 1: Device type	Character value, <u>*ALL</u>	
	Element 2: Model number	Character value, <u>*ALL</u>	
	Element 3: Serial number	Character value, <u>*ALL</u>	
RESOURCE	Resource name	Name, <u>*ALL</u>	Optional
LICPGM	Product	Element list	Optional
	Element 1: Program identifier	Character value, <u>*ALL</u>	
	Element 2: Release	Character value, <u>*ALL</u>	
	Element 3: Modification level	Character value, <u>*ALL</u>	
FUNCTION	Function	Character value, <u>*ALL</u>	Optional
PGM	Program	Generic name, name, <u>*ALL</u>	Optional

Keyword	Description	Choices	Notes
MSGID	Message identifier	Generic name, name, <u>*ALL</u>	Optional
ORIGIN	Origin	Element list	Optional
	Element 1: Network identifier	Communications name, <u>*ALL</u> , *NETATR	
	Element 2: Control point name	Communications name, <u>*ALL</u> , *NETATR	
SRVID	Service number	Character value, <u>*ALL</u>	Optional
ASNUSER	User assigned	Simple name, <u>*ALL</u>	Optional
GROUP	Group assigned	Character value, <u>*ALL</u>	Optional
PRBTYPE	Problem type	<u>*ALL</u> , 1, 2, 3, 4, 5, 6	Optional
PRBCGY	Problem category	<u>*ALL</u> , *REPORT, *CRITICAL, *LOGONLY	Optional

Top

Problem identifier (PRBID)

Specifies the problem identifier of the problem being selected. Problems with different system origins can have the same identifier. This parameter can be used with the ORIGIN parameter to select a single problem from a particular system origin.

*ALL All problem identifiers are selected.

problem-identifier

Specify the 10-character problem identifier of the problem being selected.

Top

Status type (STATUS)

Specifies the status of problem log entries. There are seven types of status:

***OPENED**

The problem is in Opened status. The problem has been identified and a problem record was created.

***READY**

The problem is in Ready status. Problem analysis information has been added to the problem record.

***PREPARED**

The problem is in Prepared status. The problem has been prepared for reporting.

***SENT**

The problem is in Sent status. The problem has been sent to a service provider, but no answer has been returned.

***ANSWERED**

The problem is in Answered status. An answer has been returned by the service provider or added by an operator on this system.

***VERIFIED**

The problem is in Verified status. The problem was resolved and the system operator has verified that the problem is corrected.

***CLOSED**

The problem was closed.

***ALL** All types of status of problem log entries are shown.

status-type

Specify the type of status to be shown.

Top

Severity (SEV)

Specifies the severity level of the problem. Severity levels are assigned by the user when the problem is prepared for reporting. The four severity levels are:

- 1 High
- 2 Medium
- 3 Low
- 4 None

***ALL** All problem log entries are shown.

severity

Specify the level of severity of problem log entries to be shown.

Top

Period (PERIOD)

Specifies the period of time for which problem log entries are shown. This is the time when the problem entry was placed in the log.

The possible **starting time** values are:

***AVAIL**

The logged data that is available for the specified starting date is shown.

start-time

Specify the starting time for the specified starting date indicating the logged data to display.

The time is specified in 24-hour format and can be specified with or without a time separator:

- Without a time separator, specify a string of 4 or 6 digits (hhmm or hhmmss) where hh = hours, mm = minutes, and ss = seconds. Hours, minutes, and seconds must each be exactly 2 digits (use leading zeros if necessary).
- With a time separator, specify a string of 5 or 8 digits where the time separator specified for your job is used to separate the hours, minutes, and seconds. If you enter this command from the command line, the string must be enclosed in apostrophes. If a time separator other than the separator specified for your job is used, this command will fail.

The possible **starting date** values are:

***BEGIN**

The logged data from the beginning of the log is shown.

Note: If *BEGIN is specified, any time value other than *AVAIL for **starting time** is ignored.

***CURRENT**

The logged data for the current day from the specified starting time through the ending time (if it is specified) is shown.

start-date

Specify the starting date for which logged data is shown. The date must be entered in the job date format.

The possible **ending time** values are:

*AVAIL

The logged data that is available for the specified ending date is shown.

end-time

Specify the ending time for the specified ending date for which logged data is shown. See the start-time description in this parameter description for details on how the time must be specified.

The possible **ending date** values are:

*END The last day on which data was logged is the last day for which the logged data is shown.

Note: If *END is specified, any time value other than *AVAIL for end-time is ignored.

*CURRENT

The logged data for the current day from the specified starting time through the ending time (if it is specified) is shown.

end-date

Specify the ending date for which logged data is to be shown. The date must be specified in the job date format.

Top

Hardware (HARDWARE)

Specifies that only problem log entries that identify the specified failing hardware are shown.

The possible **machine type** values are:

*ALL All entries are shown, regardless of what hardware is identified as failing.

Note: If *ALL is specified, any value other than *ALL for model and serial number is ignored.

type Specify the 4-character type code for the hardware.

The possible **model number** values are:

*ALL All entries that identify failing hardware of the specified type are shown.

Note: If *ALL is specified, any value other than *ALL for serial number is ignored.

model Specify the 3-character model number for the hardware.

The possible **serial number** values are:

*ALL All entries that identify failing hardware of the specified type and model are shown.

serial Specify the serial number of the hardware in one of the following formats, where n is a decimal character ranging from 0 through 9.

- nnnnn
- nnnnnnn
- nn-nnnnn
- nn-nnnnnnn

Top

Resource name (RESOURCE)

Specifies that only problem log entries that identify the specified failing resource name are shown.

***ALL** All entries are shown, regardless of which resource name, if any, is identified by the problem.

resource-name

Specify the resource name.

Top

Product (LICPGM)

Specifies that problem log entries that identify the specified failing software are shown.

The possible **program ID** values are:

***ALL** All entries are shown regardless of what software is identified as failing.

Note: If *ALL is specified, any value other than *ALL for release and modification is ignored.

program-ID

Specify the identification number of the licensed program.

The possible **release** values are:

***ALL** All entries that identify failing software from the specified licensed program are shown.

Note: If *ALL is specified, any value other than *ALL for modification is ignored.

release-level

Specify the release level of the licensed program.

The possible **modification** values are:

***ALL** All entries that identify failing software from the specified licensed program and release are shown.

modification

Specify the modification number of the release.

Top

Function (FUNCTION)

Specifies that only problem log entries that identify the specified function are to be shown. The function is present only in user-detected problem log entries and represents a major functional area or product.

***ALL** All entries are shown regardless of what function ID, if any, is identified.

generic-function-identifier*

Specify a generic function ID. A generic ID is a character string containing one or more of the initial characters of the function ID followed by an asterisk (*). If blank characters are included, the character string must be enclosed in apostrophes (').

function-id

Specify the complete function ID. If blank characters are included, the character string must be enclosed in apostrophes (').

The possible values for function ID are:

ID	Description
----	-------------

ALRT Alerts
APF Advanced printer function
APPC Advanced program-to-program communications
APPN Advanced Peer-to-Peer Networking function
APS Advanced DBCS Printer Support program
ASYNC
 Asynchronous communications
BAS AS/400 BASIC
BGU AS/400 Business Graphics Utility
BSC Binary synchronous communications
CBL AS/400 COBOL and COBOL for iSeries
CGU Character generator utility
CL Control language
CRYPT
 Cryptographic Support/400
CSM Communications and Systems Management
C400 C/400
DDM Distributed data management
DFU Data file utility
DHCF Distributed host command facility
DICT Language Dictionaries/400
DSNX Distributed system node executive
ECS Electronic customer support
FINANCE
 Finance Communications
FTN FORTRAN/400
FTS File transfer support
GDDM
 Graphical Data Display Manager
ICF Intersystem Communication Facility
IDU Interactive data definition utility (IDDU)
INTRA
 Intrasystem Communication
IPDS Intelligent Printer Data Stream
ITF Interactive terminal facility
LPDA Link Problem Determination and Analysis
MIA MI Assembler
MIGR Migration
OBJD Object distribution

OCL S/36 operator control language
OFC OfficeVision
OSP i5/OS
PAS AS/400 Pascal
PASSTHRU
 Pass-through
PC400 Client Access/400
PDM Programming development manager
PL1 AS/400 PL/I
POSCOM
 Point-of-Sale Communications Utility/400
QRY Query/400
RETAIL
 Retail Communications
REXX REXX/400
RJE Remote job entry
RLU Report layout utility
RPFT Performance Tools/400
RPG RPG for iSeries
RSCS Remote spooling communications subsystem
RWS Remote work station
SDA Screen design aid
SDLC Synchronous Data Link Control
SEU Source entry utility
SMU IBM System Manager for i5/OS
SNADS
 SNA distribution services
SNUF SNA upline facility
SORT AS/400 sort
SQL SQL/400
SUU System upgrade utility
TCPIP TCP/IP Connectivity Utilities/400
TRLAN
 Token ring network
TXT38 System/38 compatible Text Management
VMC Vertical Licensed Internal Code
VNET RSCS/PROFS
WRD Word processing
X21 X.21 public data network

X25 X.25 packet-switching data network

3270EM

3270 device emulation

802.3 Ethernet

Top

Program (PGM)

Specifies whether only problem log entries that identify a specified failing program are shown. For machine detected problems, the failing program, if any, is identified by the most likely possible cause.

***ALL** All entries are shown regardless of whether a program is identified.

generic-program-name*

Specify a generic program name. A generic name is a character string containing one or more characters followed by an asterisk (*).

program-name

Specify the program name.

Top

Message identifier (MSGID)

Specifies whether only problem log entries that identify a specified message are shown.

***ALL** All entries are shown regardless of which message ID is associated with the problem.

generic-msg-id*

Specify a generic message identifier (ID). A generic ID is a character string containing one or more characters followed by an asterisk (*).

message-identifier

Specify the message identifier.

Top

Origin (ORIGIN)

Specifies that only problem log entries that originated at the specified systems are shown.

The possible **network ID** values are:

***ALL** All entries are shown regardless of the network ID of the origin system.

***NETATR**

Only entries that originated on systems with the same local network ID as the one defined in the network attributes for this system are shown.

network-ID

Specify a network ID. Only entries that originated on systems with this local network ID are shown.

The possible **control point name** values are:

***ALL** All entries originating at systems with the specified network ID are shown.

*NETATR

Only entries that originated on systems with the same local control point name as the one defined in the network attributes for this system are shown.

control-point-name

Specify a control point name.

Top

Service number (SRVID)

Specifies whether only problem log entries that have the specified service assigned number are shown. This number was assigned when the problem was reported to IBM service support.

***ALL** All entries are shown regardless of the service assigned number, if any.

service-assigned-number

Specify the service assigned number.

Top

User assigned (ASNUSER)

User assigned (ASNUSER)

Specifies whether only problem log entries assigned to this user are shown.

***ALL** All problem log entries are shown.

user-name

Specify the user ID assigned to the problems to be shown.

Top

Group assigned (GROUP)

Specifies the group in the filter to which the problem is assigned.

***ALL** All program log entries are displayed, regardless of the group assigned to them.

group-name

Specify the 10-character problem filter group assigned to the entry.

Note: The values are blank if problem log filtering is not used.

Top

Problem type (PRBTYPE)

Specifies which type of problems to work with.

***ALL** All problem log entries are shown, regardless of the problem type.

- 1 Only machine-detected problems are shown.
- 2 Only user-detected problems are shown.
- 3 Only PTF order problems are shown.
- 4 Only application-detected problems are shown.

- 5 Only Client machine-detected problems are shown.
- 6 Only Client user-detected problems are shown.

Top

Problem category (PRBCGY)

Specifies which category of problems to display.

***ALL** All problems are shown.

***REPORT**

Problems that are logged and reported to the service provider are shown.

***CRITICAL**

Problems that are critical are shown.

***LOGONLY**

Problems that are logged, but not reported to the service provider, are shown.

Top

Examples

Example 1: Displaying Entries with Status of OPENED or READY

```
WRKPRB STATUS(*OPENED *READY) HDW(9347)
```

This command displays the Work with Problems panel, showing only those problem entries with a status of OPENED or READY which identify a failing device with type 9347.

Example 2: Displaying Current Day Problem Entries

```
WRKPRB PERIOD((*AVAIL *CURRENT))
```

This command displays the Work with Problems panel, showing all problem entries that are created in the log on the current day.

Example 3: Displaying List of Hardware Problems

```
WRKPRB SEV(1 2) HARDWARE(9347 001 '10-7523489')
```

This command shows a list containing problems with the hardware specified by the user. The user has specified that the command track medium to high levels of severity.

Example 4: Displaying Problems That Have Been Opened

```
WRKPRB STATUS(*OPENED)
PERIOD((*AVAIL *CURRENT) (120000 *CURRENT))
LICPGM(5722SS1 03 00) PGM(QNOPGM)
```

This command shows a list containing problems that have been opened during the period starting at midnight and ending at noon on the current day, and have not yet been analyzed. This command also identifies the specified licensed program identifier and program name as the probable cause of the failure.

Example 5: Displaying a List of Machine-Detected Problems

```
WRKPRB RESOURCE(TAP01) MSGID(CPF6788)
```

This command shows a list containing machine detected problems that were opened due to the message, CPF6788, having been sent to the system operator message queue and for which a problem analysis was done. The problem analysis was done to determine the resource name of the device suspected of failure, which in this case is device, TAP01. The list of problems includes user-detected problems. To get the user-detected problems, the user specified the resource name and message identifier by using the Analyze Problem (ANZPRB) command.

Example 6: Displaying a List of Reported Problems

```
WRKPRB SRVID(12345)
```

This command shows a list containing problems that have been reported to an IBM service identifier.

Top

Error messages

***ESCAPE Messages**

CPF7A9C

Cannot work with the problem log at this time.

CPF7D41

Error occurred while logging order assistance request.

CPF7D42

Error occurred while performing database operation.

CPF9845

Error occurred while opening file &1.

CPF9871

Error occurred while processing.

Top

Work with Product Information (WRKPRDINF)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

[Parameters](#)
[Examples](#)
[Error messages](#)

The Work with Product Information (WRKPRDINF) command allows you to access information available through marketing support systems. When you use the WRKPRDINF command, a display without prompts is shown, informing you that the iSeries system is going to start 3270 emulation. If there is a problem, you can call the Help Desk number shown. If you press Enter to continue, a communications session is established.

There are no parameters for this command.

[Top](#)

Parameters

None

[Top](#)

Examples

WRKPRDINF

This command allows you to sign on the IBM Information Network.

[Top](#)

Error messages

None

[Top](#)

Work with Printing Status (WRKPRTSTS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Printing Status (WRKPRTSTS) command allows you to list the statuses of a specified spooled file.

Top

Parameters

Keyword	Description	Choices	Notes
FILE	Spooled file	<i>Name</i>	Required, Positional 1
JOB	Job name	Single values: * Other values: <i>Qualified job name</i>	Optional, Positional 2
	Qualifier 1: Job name	<i>Name</i>	
	Qualifier 2: User	<i>Name</i>	
	Qualifier 3: Number	000000-999999	
SPLNBR	Spooled file number	1-999999, <u>*ONLY</u> , *LAST, *ANY	Optional, Positional 3
JOBSYSNAME	Job system name	<i>Name</i> , <u>*ONLY</u> , *CURRENT, *ANY	Optional
CRTDATE	Spooled file created	Single values: <u>*ONLY</u> , *LAST Other values: <i>Element list</i>	Optional
	Element 1: Creation date	<i>Date</i>	
	Element 2: Creation time	<i>Time</i> , <u>*ONLY</u> , *LAST	

Top

Spooled file (FILE)

Specifies the name of a file created by a user program or the name of the device file used to create this file.

This is a required parameter.

Top

Job name (JOB)

Specifies the name of the job that created the spooled file. This parameter is valid only if a spooled file name is specified on the **Spooled file (FILE)** parameter.

Single values

*
- The job from which this WRKPRTSTS command was entered is the job that created the spooled file.

Qualifier 1: Job name

name Specify the name of the job that created the spooled file. If no job qualifier is given, all of the jobs currently in the system are searched for the simple job name.

Qualifier 2: User

name Specify the name of the user profile under which the spooled file was created.

Qualifier 3: Number

000000-999999

Specify the system-assigned number of the job that created the spooled file.

Top

Spooled file number (SPLNBR)

Specifies the number of the spooled file being processed. This parameter is valid only if a spooled file name is specified on the **Spooled file (FILE)** parameter.

*ONLY

Only one spooled file from the job on the specified queue has the specified file name; no spooled file number is needed. If *ONLY is specified and more than one spooled file on the output queue has the same name, an error message is shown.

*LAST

The highest-numbered spooled file that is on the specified output queue and that has the specified file name is processed first.

*ANY The spooled file number is not used to determine which spooled file is used. Use this value when the job system name parameter or the spooled file create date and time parameter is to take precedence over the spooled file number when selecting a spooled file.

number

Specify the number of the job's spooled file that is on the specified output queue and that is being processed first.

Top

Job system name (JOBSYSNAME)

Specifies the name of the system where the job that created the spooled file (JOB parameter) ran. This parameter is considered after the job name, user name, job number, spooled file name, and spooled file number parameter requirements have been met.

*ONLY

There is one spooled file with the specified job name, user name, job number, spooled file name, spooled file number, and spooled file create date and time.

*CURRENT

The spooled file created on the current system with the specified job name, user name, job number, spooled file name, spooled file number, and create date and time is used.

*ANY The job system name is not used to determine which spooled file is used. Use this value when the spooled file create date and time parameter is to take precedence over the job system name when selecting a spooled file.

name Specify the name of the system where the job that created the spooled file ran.

Spooled file created (CRTDATE)

Specifies the date and time the spooled file was created. This parameter is considered after the job name, user name, job number, spooled file name, spooled file number, and job system name parameter requirements have been met.

Single values

*ONLY

There is one spooled file with the specified job name, user name, job number, spooled file name, spooled file number, and job system name.

*LAST

The spooled file with the latest create date and time of the specified job name, user name, job number, spooled file name, spooled file number, and job system name is used.

Element 1: Creation date

date Specify the date the spooled file was created.

Element 2: Creation time

*ONLY

There is one spooled file with the specified job name, user name, job number, spooled file name, spooled file number, job system name, and spooled file create date.

*LAST

The spooled file with the latest create time of the specified job name, user name, job number, spooled file name, spooled file number, job system name, and spooled file create date is used.

time Specify the time the spooled file was created.

Top

Examples

```
WRKPRTSTS FILE(MYFILE)
```

This command assumes that the user has a spooled file on an output queue that does not have a printer attached to it. When the user specifies this command, the Work with Printing Status panel will be shown. One status message that would apply to the file named MYFILE would be, "This file is not associated with a started printer." Depending on the status of MYFILE, other status types could be shown.

Top

Error messages

*ESCAPE Messages

CPF3303

File &1 not found in job &5/&4/&3.

CPF3309

No files named &1 are active.

CPF3330

Necessary resource not available.

CPF3342

Job &5/&4/&3 not found.

CPF3344

File &1 number &8 no longer in the system.

CPF34B4

WRKPRTSTS command not valid for diskette files.

CPF34B5

Printer &1 is not found.

CPF34B6

More than one printer was selected

CPF34B7

Printer must be selected from list of printers.

CPF9871

Error occurred while processing.

Top

Work with PSF Configuration (WRKPSFCFG)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with PSF Configuration (WRKPSFCFG) command allows you to display and work with Print Services Facility (PSF) configuration objects. You can specify PSF configuration objects from one or more libraries.

Restrictions:

- The PSF feature is required to use this command.

Top

Parameters

Keyword	Description	Choices	Notes
PSFCFG	PSF configuration	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: PSF configuration	<i>Generic name, name, *ALL</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB, *USRLIBL, *ALLUSR, *ALL</i>	

Top

PSF configuration (PSFCFG)

Specifies the Print Services Facility (PSF) configuration objects that are to be shown.

This is a required parameter.

Qualifier 1: PSF configuration

***ALL** Display all PSF configuration objects.

generic-name

Specify the generic name of the PSF configuration objects to be shown. A generic name is a character string that contains one or more characters followed by an asterisk (*). If a generic name is specified, all PSF configuration objects that have names with the same prefix as the generic name are shown.

name Specify the name of the PSF configuration object to be shown.

Qualifier 2: Library

***LIBL** Search all libraries in the job's library list for the PSF configuration object.

***CURLIB**

Search the current job library for the job. If no library is specified as the current library for the job, the QGPL library is used.

***USRLIBL**

Search only the libraries listed in the user portion of the job's library list.

***ALL** Search all libraries in the system, including QSYS.

***ALLUSR**

Search all user libraries.

name Search the specified library.

Top

Examples

```
WRKPSFCFG PSFCFG(*ALL)
```

This command displays the Work with PSF Configuration objects panel, showing a list of all PSF configuration objects (*PSFCFG) that are located in any library in the library list.

Top

Error messages

*ESCAPE Messages

CPF9801

Object &2 in library &3 not found.

CPF9802

Not authorized to object &2 in &3.

CPF9803

Cannot allocate object &2 in library &3.

CPF9805

Object &2 in library &3 destroyed.

CPF9810

Library &1 not found.

CPF9811

Program &1 in library &2 not found.

CPF9820

Not authorized to use library &1.

CPF9830

Cannot assign library &1.

Top

Work with PTF Groups (WRKPTFGRP)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Program Temporary Fix Groups (WRKPTFGRP) command displays a list of PTF groups on the system. A PTF group consists of a list of program temporary fixes (PTFs) defined for the purpose of managing those PTFs as one group. A PTF group can identify other PTF groups called related PTF groups. The PTFs in the PTF group as well as the PTFs in all related PTF groups are used to determine the overall status of the PTF group.

Restrictions:

1. This command is shipped with public *EXCLUDE authority and the QPGMR, QSYSOPR, QSRV, and QSRVBAS user profiles have private authorities to use the command.

Top

Parameters

Keyword	Description	Choices	Notes
PTFGRP	PTF group	Character value, <u>*ALL</u>	Optional, Positional 1

Top

PTF group (PTFGRP)

Specifies the name of the PTF group to display.

This is a required parameter.

***ALL** All PTF groups on the system are displayed.

PTF-group-name

Specify the name of the PTF group to display.

generic-PTF-group-name*

Specify the generic name of the PTF group to display. A generic name is a character string that contains one or more characters followed by an asterisk (*).

Top

Examples

WRKPTFGRP PTFGRP(SF*)

This command allows you to work with all of the PTF groups that start with the letters 'SF'.

Top

Error messages

*ESCAPE Messages

CPF9845

Error occurred while opening file &1.

[Top](#)

Work with Query Mgmt Forms (WRKQMFORM)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Query Management Forms (WRKQMFORM) command shows a list of query management forms from a user-specified subset of query management form names. From this list, several query management form-related functions are available.

Restrictions:

- Only the libraries to which you have use (*USE) authority will be searched.
- Only the query management forms to which you have some authority will be shown on the display.
- To perform operations on the query management forms, you must have *USE authority to the command used by the operation, and the appropriate authority to the query management forms on which the operation is to be performed.

Top

Parameters

Keyword	Description	Choices	Notes
QMFORM	Query management report form	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Query management report form	<i>Generic name, name, *ALL</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB, *USRLIBL, *ALLUSR, *ALL</i>	

Top

Query management report form (QMFORM)

Specifies the query management forms to be shown on the Work with Query Management Forms display.

This is a required parameter.

Qualifier 1: Query management report form

***ALL** All query management forms are shown on the Work with Query Management Forms display.

generic-name

Specify the generic name of the query management forms to be shown. A generic name is a character string that contains one or more characters followed by an asterisk (*). If a generic name is specified, all query management forms that have names with the same prefix as the generic name are shown.

name Specify the name of the query management form to be shown.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

*CURLIB

The current library for the thread is searched. If no library is specified as the current library for the thread, the QGPL library is searched.

*USRLIBL

If a current library entry exists in the library list for the current thread, the current library and the libraries in the user portion of the library list are searched. If there is no current library entry, only the libraries in the user portion of the library list are searched.

*ALLUSR

All user libraries are searched. All libraries with names that do not begin with the letter Q are searched except for the following:

```
#CGULIB    #DSULIB    #SEULIB
#COBLIB    #RPGLIB
#DFULIB    #SDALIB
```

Although the following Qxxx libraries are provided by IBM, they typically contain user data that changes frequently. Therefore, these libraries are considered user libraries and are also searched:

```
QDSNX      QRCLxxxxx  QUSRIJS    QUSRVxRxMx
QGGL       QSRVAGT    QUSRINFSKR
QGGL38     QSYS2      QUSRNOTES
QMGTC      QSYS2xxxxx QUSROND
QMGTC2     QS36F      QUSRPOSGS
QMPGDATA   QUSER38    QUSRPOSSA
QMOMDATA   QUSRADSM   QUSRPYMSVR
QMOMPROC   QUSRBRM    QUSRDRARS
QPFRDATA   QUSRDIRCL  QUSRSYS
QRCL       QUSRDIRDB  QUSRVI
```

1. 'xxxxx' is the number of a primary auxiliary storage pool (ASP).
2. A different library name, in the format QUSRVxRxMx, can be created by the user for each previous release supported by IBM to contain any user commands to be compiled in a CL program for the previous release. For the QUSRVxRxMx user library, VxRxMx is the version, release, and modification level of a previous release that IBM continues to support.

*ALL All libraries in the system, including QSYS, are searched.

name Specify the name of the library to be searched.

Top

Examples

```
WRKQMF0RM QMFORM(QGPL/DSP*)
```

This command shows a list of all query management forms in library QGPL that start with the letters 'DSP'.

Top

Error messages

*ESCAPE Messages

CPF9809

Library &t1 cannot be accessed.

Top

Work with Query Mgmt Queries (WRKQMQR)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Query Management Queries (WRKQMQR) command shows a list of query management queries from a user-specified subset of query management query names. From this list, several query management query-related functions are available.

Restrictions:

1. Only the libraries to which you have USE authority will be searched.
2. Only the query management queries to which you have some authority will be shown on the display.
3. To perform operations on the query management queries, you must have USE authority to the command used by the operation, and the appropriate authority to the query management queries on which the operation is to be performed.

Top

Parameters

Keyword	Description	Choices	Notes
QMQR	Query management query	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Query management query	<i>Generic name, name, *ALL</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB, *USRLIBL, *ALLUSR, *ALL</i>	

Top

Query management query (QMQR)

Specifies the name and library of the query management query to be shown on the Work with Query Management Queries display. A specific or a generic query management query can be specified. Either type can be optionally qualified by a library name.

This is a required parameter.

The possible values are:

***ALL** All query management queries in the libraries specified are shown on the Work with Query Management Queries display.

generic-query-name*

Specify the generic name of the query management query to be shown. A generic name is a character string that contains one or more characters followed by an asterisk (*). If a generic name is specified, then all query management queries that have names with the same prefix as the generic query management query name are shown.

query-name

Specify the name of the query management query to be shown.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

*CURLIB

The current library for the thread is searched. If no library is specified as the current library for the thread, the QGPL library is searched.

*USRLIBL

If a current library entry exists in the library list for the current thread, the current library and the libraries in the user portion of the library list are searched. If there is no current library entry, only the libraries in the user portion of the library list are searched.

*ALLUSR

All user libraries are searched. All libraries with names that do not begin with the letter Q are searched except for the following:

```
#CGULIB    #DSULIB    #SEULIB
#COBLIB    #RPGLIB
#DFULIB    #SDALIB
```

Although the following Qxxx libraries are provided by IBM, they typically contain user data that changes frequently. Therefore, these libraries are considered user libraries and are also searched:

```
QDSNX      QRCLxxxxx  QUSRIJS    QUSRVxRxMx
QGPL       QSRVAGT    QUSRINFSKR
QGPL38     QSYS2      QUSRNOTES
QMGTC      QSYS2xxxxx QUSROND
QMGTC2     QS36F      QUSRPOSGS
QMPGDATA   QUSER38    QUSRPOSSA
QMQMDATA   QUSRADSM   QUSRPYMSVR
QMQMPROC   QUSRBRM    QUSRDRARS
QPFRDATA   QUSRDIRCL  QUSRSYS
QRCL       QUSRDIRDB  QUSRVI
```

1. 'xxxxx' is the number of a primary auxiliary storage pool (ASP).
2. A different library name, in the format QUSRVxRxMx, can be created by the user for each previous release supported by IBM to contain any user commands to be compiled in a CL program for the previous release. For the QUSRVxRxMx user library, VxRxMx is the version, release, and modification level of a previous release that IBM continues to support.

***ALL** All libraries in the system, including QSYS, are searched.

name Specify the name of the library to be searched.

Top

Examples

```
WRKQMORY  QMORY(QGPL/DSP*)
```

This command shows a list of all query management queries in library QGPL that start with the letters 'DSP'.

Top

Error messages

*ESCAPE Messages

CPF9809

Library &1 cannot be accessed.

Work with Questions (WRKQST)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Questions (WRKQST) command allows you to review the questions asked. More information is available in the Basic System Operation information in the iSeries Information Center at <http://www.ibm.com/eserver/series/infocenter>.

Restriction: You must have read authority to the database.

Top

Parameters

Keyword	Description	Choices	Notes
QSTDB	Q/A database	Name, <u>*SELECT</u>	Optional, Positional 1
LIB	Lib containing Q/A database	Name, <u>*QSTLIB</u>	Optional, Positional 2

Top

Q/A database (QSTDB)

Specifies the Question-and-Answer (Q & A) database with which to work.

The possible values are:

*SELECT

You are asked to specify a Q & A database. If only one Q & A database exists on the system, it is the default.

question-database

Specify the name of the Q & A database with which to work.

Top

Lib containing Q/A database (LIB)

Specifies the name of the library that contains the Q & A database.

The name of the Q & A database can be qualified by one of the following library values:

*QSTLIB

The library containing the specified Q & A database is searched. If *SELECT is specified on the QSTDB parameter, any Q & A database in any library to which you are authorized can be selected.

library-name

Specify the name of the library to be searched. If *SELECT is specified on the QSTDB parameter, any Q & A database in the library to which you are authorized can be selected.

Top

Examples

WRKQST

This command shows the Work with Questions You Asked panel. If more than one database is available for selection, the Select Q and A Database display is shown first.

Top

Error messages

None

Top

Work with RDB Directory Entry (WRKRDBDIRE)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Relational Database Directory Entry (WRKRDBDIRE) command allows you to show and work with one or more entries from the relational database (RDB) directory.

With this command, you can do the following with the RDB directory:

- Add new entries
- Change existing entries
- Remove entries
- Show the details of an entry
- Print an entry
- Print a list of all entries

Top

Parameters

Keyword	Description	Choices	Notes
RDB	Entry	Generic name, name, <u>*ALL</u>	Optional, Positional 1
OUTPUT	Output	*, <u>_</u> , *PRINT	Optional, Positional 2

Top

Entry (RDB)

Specifies the relational database directory entry. If an entry has no alias, the relational database name is used as the entry name. If an entry has an alias, the alias is used as the entry name.

This is a required parameter.

The possible values are:

***ALL** All entries in the relational database directory.

generic*-relational-database-name

Specify the generic name of the relational database entries. A generic name is a character string that contains one or more characters followed by an asterisk (*).

relational-database-name

Specify the name of the relational database directory entry.

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output.

The possible values are:

*
- The output is displayed (if requested by an interactive job) or printed with the job's spooled output (if requested by a batch job).

***PRINT**

The output is printed with the job's spooled output.

Top

Examples

Example 1: Displaying All Directory Entries

```
WRKRDBDIRE
```

This command shows a list of all relational database directory entries and allows you to work with them.

Example 2: Directing Information to a Database File

```
WRKRDBDIRE RDB(YOURRDB) OUTPUT(*PRINT)
```

This command directs the information from the relational database directory entry YOURRDB to a printer file.

Top

Error messages

***ESCAPE Messages**

CPF3EC4

Work with relational database directory entry failed.

Top

Work with Readers (WRKRDR)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Readers (WRKRDR) command shows the overall status of all defined spooling readers or it can show the detailed status of a specific reader. The status of the readers may change while the command is in process.

Top

Parameters

Keyword	Description	Choices	Notes
RDR	Reader	Name, <u>*ALL</u>	Optional, Positional 1
OUTPUT	Output	*, <u>_</u> , *PRINT	Optional, Positional 2

Top

Reader (RDR)

Specifies whether overall status is given for all readers or detailed status is given for a specified reader.

***ALL** A list of all readers is displayed with information about each reader.

name Specify the name of the reader whose detailed information is to be displayed.

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed.

***** The output is displayed (if requested by an interactive job) or printed (if requested by a batch job).

***PRINT**
The output is printed.

Top

Examples

Example 1: Working With All Readers

```
WRKRDR
```

This command allows you to work with the names of all readers, their types, device files, and status.

Example 2: Working With One Reader

This command allows you to work with the detailed information about the reader DISKREAD.

Top

Error messages

*ESCAPE Messages

CPF0941

Job &3/&2/&1 no longer in system.

CPF1070

Job &3/&2/&1 not found.

CPF1071

No authority to job &3/&2/&1.

CPF3302

Override of print file &1 to file &2 not valid.

CPF3312

Reader &1 neither active nor on job queue.

CPF3330

Necessary resource not available.

CPF3336

Job &5/&4/&3 no longer in the system.

CPF7D41

Error occurred while logging order assistance request.

CPF7D42

Error occurred while performing database operation.

CPF9845

Error occurred while opening file &1.

CPF9846

Error while processing file &1 in library &2.

CPF9871

Error occurred while processing.

Top

Work with Registration Info (WRKREGINF)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Registration Information Command (WRKREGINF) shows information about exit points and exit programs. Information about a single exit point, multiple exit points and the exit programs associated with the exit points are displayed. The command is similar to the Retrieve Exit Information (QUSRTVEI) Application Programming Interface (API).

For more information on Registration Information refer to the Application programming interfaces information in the iSeries Information Center at <http://www.ibm.com/eserver/series/infocenter> book.

Top

Parameters

Keyword	Description	Choices	Notes
EXITPNT	Exit point	Generic name, name, <u>*REGISTERED</u> , *UNREGISTERED, *ALL	Optional, Positional 1
FORMAT	Exit point format	Generic name, name, <u>*ALL</u>	Optional, Positional 2
OUTPUT	Output	*, *PRINT	Optional

Top

Exit point (EXITPNT)

Specifies the name of the exit point to work with.

The possible values are:

***REGISTERED**

All registered exit points are displayed. Registered exit points are exit points that were added to the registration facility.

***UNREGISTERED**

All unregistered exit points are displayed. Unregistered exit points are exit points that are created by the registration facility in the absence of the exit point at the time an exit program was added.

***ALL** All registered and unregistered exit points are displayed.

exit-point

Specify the name of the exit point that is to be displayed.

generic*-exit-point-name

Specify a generic name for the exit point. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If a generic name is specified, all exit points with names that begin with the generic name are shown.

Top

Exit point format (FORMAT)

Specifies the format name of the exit point to work with.

The possible values are:

***ALL** All formats for the specified exit point are displayed.

format

Specify the name of the exit point format.

generic-format*

Specify a generic name for the exit point format. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If a generic name is specified, all formats that begin with the generic name are shown.

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output.

The possible values are:

***** The output is displayed.

***PRINT**

The output is printed with the job's spooled output.

Top

Examples

Example 1: Printing Registration Information

```
WRKREGINF OUTPUT(*PRINT)
```

This command produces a report of all registered exit points and their exit programs using the QSYSPRT printer file.

Example 2: Displaying Registration Information

```
WRKREGINF EXITPNT(*REGISTERED) FORMAT(FMT*)
```

This command displays all registered exit points with a format name that starts with the letters 'FMT'.

Top

Error messages

*ESCAPE Messages

CPF3CDA

Registration facility repository not available for use.

CPF3CD9

Requested function cannot be performed at this time.

CPF3CEF

Error occurred displaying exit points.

CPF7D41

Error occurred while logging order assistance request.

CPF7D42

Error occurred while performing database operation.

CPF9871

Error occurred while processing.

[Top](#)

Work with Remote Definitions (WRKRMTDFN)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Remote Definitions (WRKRMTDFN) command can be used to work with entries in the remote system definition table.

Restriction: You must have *ALLOBJ authority to use this command.

There are no parameters for this command.

[Top](#)

Parameters

None

[Top](#)

Examples

WRKRMTDFN

This command shows the Work with Remote Definitions panel, from which you can add, change, remove, display, or print the remote definition for a particular system.

[Top](#)

Error messages

*ESCAPE Messages

CPF6DCF

Not authorized to perform functions.

CPF7D41

Error occurred while logging order assistance request.

CPF7D42

Error occurred while performing database operation.

CPF9871

Error occurred while processing.

CPF9899

Error occurred during processing of command.

[Top](#)

Work with Reply List Entries (WRKRPYLE)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with System Reply List Entries (WRKRPYLE) command can be used to display or print all the reply entries currently in the system message reply list. The system reply list contains the replies that are automatically sent in response to inquiry messages. The following information is shown for each reply in the system reply list:

- Sequence number
- Message ID
- Reply
- Dump indication
- Compare value
- Compare start position

From this display, you can add, change, or remove individual reply list entries.

The reply list is only used when an inquiry message is sent by a job that has the inquiry message reply attribute of the system reply list specified (*SYSRPLY is specified for the INQMSGRPY parameter). The INQMSGRPY attribute can be changed with the CHGJOB command.

You can add reply list entries with the Add Reply List Entry (ADDRPYLE) command. Specific attributes of a reply list entry can be changed with the Change Reply List Entry (CHGRPYLE) command. Each reply list entry remains in the list until it is removed by the Remove Reply List Entry (RMVRPYLE) command.

Top

Parameters

Keyword	Description	Choices	Notes
OUTPUT	Output	*, *PRINT -	Optional, Positional 1

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output.

* The output is displayed for interactive jobs or printed with the job's spooled output for
- non-interactive jobs.

*PRINT

The output is printed with the job's spooled output.

Top

Examples

WRKRPLYE OUTPUT(*PRINT)

This command prints the entries in the system reply list.

[Top](#)

Error messages

*ESCAPE Messages

CPF2435

System reply list not found.

CPF2557

System reply list damaged.

CPF2558

System reply list currently in use.

CPF9845

Error occurred while opening file &1.

CPF9846

Error while processing file &1 in library &2.

CPF9847

Error occurred while closing file &1 in library &2.

[Top](#)

Work with Routed Configuration (WRKRTDCFG)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

[Parameters](#)
[Examples](#)
[Error messages](#)

The Work with Routed Configuration (WRKRTDCFG) command shows a list of Routing Information Protocol (RIP) configuration entries. From this list you can add, change, copy, remove or display the individual entries. You can also print the list. Each entry represents a Routed option used by the Routed server to determine how the server will operate.

There are no parameters for this command.

Restrictions:

You must have *IOSYSCFG special authority to add, change, copy, insert, or remove Routed configuration entries. If you do not have *IOSYSCFG special authority, you can only display the configuration entries.

[Top](#)

Parameters

None

[Top](#)

Examples

WRKRTDCFG

This command displays the Work with Routed Configuration menu.

[Top](#)

Error messages

*ESCAPE Messages

CPF6A50

Error was found during display file or printer file operation.

TCP1562

Cannot display work with panel.

TCP1571

Entry cannot be displayed.

TCP264D

Error occurred processing file.

TCP547D

Program &1 not able to create internal space.

TCP5480

Configuration file member &1 of file &3 in library &2 has reached the limit of 10000 entries.

TCP5483

Configuration file maximum record length not valid

TCP9503

File &3 in library &2 not available.

[Top](#)

Work with S/36 Configuration (WRKS36)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

[Parameters](#)
[Examples](#)
[Error messages](#)

The Work with System/36 (WRKS36) command shows the Work with System/36 Environment Configuration display.

There are no parameters for this command.

[Top](#)

Parameters

None

[Top](#)

Examples

WRKS36

This command displays the Work with System/36 Environment Configuration panel.

[Top](#)

Error messages

None

[Top](#)

Work with S/36 Program Attr (WRKS36PGMA)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

[Parameters](#)
[Examples](#)
[Error messages](#)

The Work with System/36 Program Attributes (WRKS36PGMA) command shows the Work with System/36 Program Attributes display. The display is a list of programs from a specified library.

[Top](#)

Parameters

Keyword	Description	Choices	Notes
PGM	S/36 program	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: S/36 program	<i>Name, *ALL</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB</i>	

[Top](#)

S/36 program (PGM)

Specifies the qualified name of the program.

The possible library values are:

***LIBL** The library list is used to locate the program.

***CURLIB**

The current library for the job is used to locate the program. If no library is specified as the current library for the job, the QGPL library is used.

library-name

Specify the name of the library where the program is located.

The possible values are:

***ALL** All programs in the library are shown.

program-name

Specify a program name.

[Top](#)

Examples

```
WRKS36PGMA PGM(IDENTIFY)
```

This command displays the Work with S/36 Program Attributes panel, showing a list of attributes for program IDENTIFY which will be located using the library list.

[Top](#)

Error messages

None

[Top](#)

Work with S/36 Procedure Attr (WRKS36PRCA)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with System/36 Procedure Attributes (WRKS36PRCA) command shows the Work with System/36 Procedure Attributes display. The display is a list of procedures from a specified library.

Top

Parameters

Keyword	Description	Choices	Notes
FILE	Source file	<i>Qualified object name</i>	Optional, Positional 1
	Qualifier 1: Source file	<i>Name, <u>QS36PRC</u></i>	
	Qualifier 2: Library	<i>Name, <u>*LIBL</u>, *CURLIB</i>	
MBR	S/36 procedure member	<i>Name, <u>*ALL</u></i>	Optional, Positional 2

Top

Source file (FILE)

Specifies the name of the file being used by the program to which this command is applied.

The possible library values are:

*LIBL The library list is used to locate the file.

***CURLIB**

The current library for the job is used to locate the file. If no library is specified as the current library for the job, the QGPL library is used.

library-name

Specify the name of the library where the file is located.

The possible values are:

*QS36PRC

The default source physical file is used.

source-file-name

Specify the name of the source file.

Top

S/36 procedure member (MBR)

Specifies the name of a procedure member file.

The possible values are:

***ALL** The attributes of all procedure members in the file are specified.

procedure-member-name

Specify a procedure member name.

Top

Examples

WRKS36PRCA FILE(RESEARCH)

This command displays the Work with S/36 Procedure Attributes panel, showing a list of attributes for all System/36 environment procedure members from file RESEARCH. The file is located using the library list.

Top

Error messages

None

Top

Work with S/36 Source Attr (WRKS36SRCA)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with System/36 Source Attributes (WRKS36PRCA) command shows the Work with System/36 Source Attributes display. The display is a list of source members within a specified source file.

Top

Parameters

Keyword	Description	Choices	Notes
FILE	Source file	<i>Qualified object name</i>	Optional, Positional 1
	Qualifier 1: Source file	<i>Name, <u>QS36SRC</u></i>	
	Qualifier 2: Library	<i>Name, <u>*LIBL</u>, *CURLIB</i>	
MBR	S/36 source member	<i>Name, <u>*ALL</u></i>	Optional, Positional 2

Top

Source file (FILE)

Specifies the name of the file being used by the program to which this command is applied.

The possible library values are:

*LIBL The library list is used to locate the file.

*CURLIB

The current library for the job is used to locate the file. If no library is specified as the current library for the job, the QGPL library is used.

library-name

Specify the name of the library where the file is located.

The possible values are:

*QS36SRC

The default source physical file is used.

source-file-name

Specify the name of the source file.

Top

S/36 source member (MBR)

Specifies the name of a source member file.

The possible values are:

***ALL** The attributes of all procedure members in the file are specified.

procedure-member-name

Specify a procedure member name.

Top

Examples

```
WRKS36SRCA FILE(MESSAGE) MBR(TEXT)
```

This command displays the Work with S/36 Source Attributes panel, showing a list of attributes for System/36 environment source member TEXT from file MESSAGE. The file is located using the library list.

Top

Error messages

None

Top

Work with Submitted Jobs (WRKSBMJOB)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Submitted Jobs (WRKSBMJOB) command allows you to work with all jobs submitted from your work station, job, or user profile. Jobs submitted with *NO specified for the **Allow display by WRKSBMJOB (DSPSBMJOB)** parameter of a Submit Job (SBMJOB) command are not displayed by this command.

Top

Parameters

Keyword	Description	Choices	Notes
SBMFROM	Jobs submitted from	* <u>USER</u> , *WRKSTN, *JOB	Optional, Positional 1
OUTPUT	Output	*, *_	Optional, Positional 2

Top

Jobs submitted from (SBMFROM)

Specifies the type of submitted jobs that are displayed.

*USER

Jobs that were submitted from a job having the same user profile as the job in which this command is entered are displayed.

***JOB** Jobs displayed that were submitted from the same job in which this command is entered are displayed.

*WRKSTN

Jobs that were submitted from the same work station at which this command is entered are displayed.

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output.

*
_ The output is displayed for interactive jobs or printed with the job's spooled output for non-interactive jobs.

*PRINT

The output is printed with the job's spooled output.

Top

Examples

WRKSBMJOB SBMFROM(*USER)

This command allows you to work with or change a list of jobs that are submitted by a job running under the same user profile as the job where this command is run.

[Top](#)

Error messages

*ESCAPE Messages

CPF9845

Error occurred while opening file &1.

CPF9846

Error while processing file &1 in library &2.

CPF9847

Error occurred while closing file &1 in library &2.

CPF9850

Override of printer file &1 not allowed.

CPF9851

Overflow value for file &1 in &2 too small.

CPF9871

Error occurred while processing.

[Top](#)

Work with Subsystems (WRKSBS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Subsystems (WRKSBS) command allows you to work with each active subsystem in the system. Also, if one of the subsystems shown on the display is selected, additional information listing all of the jobs active in that subsystem can be displayed.

Top

Parameters

Keyword	Description	Choices	Notes
OUTPUT	Output	*, *_PRINT	Optional, Positional 1

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output.

* The output is displayed for interactive jobs or printed with the job's spooled output for
_ non-interactive jobs.

***PRINT**
 The output is printed with the job's spooled output.

Top

Examples

WRKSBS

This command, entered from a work station, allows you to work with active subsystems. If the command is entered from a batch job, the output information is directed to the job's output spooling queue and printed.

Top

Error messages

*ESCAPE Messages

CPF9845
 Error occurred while opening file &1.

CPF9846
 Error while processing file &1 in library &2.

CPF9847

Error occurred while closing file &1 in library &2.

CPF9850

Override of printer file &1 not allowed.

CPF9851

Overflow value for file &1 in &2 too small.

CPF9871

Error occurred while processing.

[Top](#)

Work with Subsystem Desc (WRKSBSD)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Subsystem Descriptions (WRKSBSD) command shows a list of subsystem descriptions and allows you to change, delete, display, start, and end specified subsystem descriptions. You can also work with subsystem jobs for a specified job description.

Restrictions:

1. Only the libraries to which you have USE authority will be searched.
2. Only the subsystem descriptions to which you have some authority will be shown on the display.
3. To perform operations on the subsystem descriptions, you must have USE authority to the command used by the operation, and the appropriate authority to the subsystem descriptions on which the operation is to be performed.
4. You must have object operational and object management authorities to the subsystem descriptions.

Top

Parameters

Keyword	Description	Choices	Notes
SBSD	Subsystem description	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Subsystem description	<i>Generic name, name, *ALL</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB, *USRLIBL, *ALLUSR, *ALL</i>	

Top

Subsystem description (SBSD)

Specifies the name and library of the subsystem descriptions that are listed on the Work with Subsystem Descriptions display.

This is a required parameter.

The possible values are:

***ALL** All subsystem descriptions are listed.

generic-subsystem-description-name*

Specify the generic name of the subsystem descriptions. A generic name is a character string that contains one or more characters followed by an asterisk (*). For example, ABC*.

subsystem-description-name

Specify the name of the subsystem description to be listed. If *LIBL or *USRLIBL is specified as the library name, only the first subsystem description found with the specified name is listed.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

***CURLIB**

The current library for the thread is searched. If no library is specified as the current library for the thread, the QGPL library is searched.

***USRLIBL**

If a current library entry exists in the library list for the current thread, the current library and the libraries in the user portion of the library list are searched. If there is no current library entry, only the libraries in the user portion of the library list are searched.

***ALLUSR**

All user libraries are searched. All libraries with names that do not begin with the letter Q are searched except for the following:

```
#CGULIB      #DSULIB      #SEULIB
#COBLIB      #RPGLIB
#DFULIB      #SDALIB
```

Although the following Qxxx libraries are provided by IBM, they typically contain user data that changes frequently. Therefore, these libraries are considered user libraries and are also searched:

```
QDSNX      QRCLxxxxx   QUSRIJS     QUSRVxRxMx
QGGL      QSRVAGT     QUSRINFSKR
QGGL38     QSYS2       QUSRNOTES
QMGTC      QSYS2xxxxx QUSROND
QMGTC2     QS36F       QUSRPOSGS
QMPGDATA   QUSER38     QUSRPOSSA
QMOMDATA   QUSRADSM    QUSRPYMSVR
QMOMPROC   QUSRBRM     QUSRDRARS
QPFRDATA   QUSRDIRCL   QUSRSYS
QRCL       QUSRDIRDB   QUSRVI
```

1. 'xxxxx' is the number of a primary auxiliary storage pool (ASP).
2. A different library name, in the format QUSRVxRxMx, can be created by the user for each previous release supported by IBM to contain any user commands to be compiled in a CL program for the previous release. For the QUSRVxRxMx user library, VxRxMx is the version, release, and modification level of a previous release that IBM continues to support.

***ALL** All libraries in the system, including QSYS, are searched.

name Specify the name of the library to be searched.

Top

Examples

```
WRKSBSD  SBSD(LIB6/ORDER*)
```

This command displays the Work with Subsystem Descriptions panel, showing a list of all subsystem descriptions in library LIB6 whose names start with the letters 'ORDER'. From this panel, you can select options to work with any of the listed subsystem descriptions.

Top

Error messages

*ESCAPE Messages

CPF9809

Library &1 cannot be accessed.

Work with Subsystem Jobs (WRKSBSJOB)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Subsystem Jobs (WRKSBSJOB) command allows you to work with jobs running in subsystems in the system, and jobs that are on a job or output queue. If a user name is specified, only those jobs belonging to the specified user are shown. Also, if one of the jobs shown on the subsystem display is selected, additional information about that job can be displayed.

[Top](#)

Parameters

Keyword	Description	Choices	Notes
SBS	Subsystem	Name, <u>*ALL</u> , *JOBQ, *OUTQ	Optional, Positional 1
USER	User whose jobs to display	Name, <u>*ALL</u>	Optional
OUTPUT	Output	*, <u>_</u> , *PRINT	Optional

[Top](#)

Subsystem (SBS)

Specifies the name of the subsystem (or all subsystems) for which the job name and job status of each job currently active in the subsystem, or jobs on a job queue or output queue are worked with.

***ALL** All jobs in all subsystems have their job information displayed. In this case, jobs that are on job queues and on output queues are also displayed.

***JOBQ**
Jobs that are on a job queue are worked with.

***OUTQ**
Jobs that have completed running and have spooled files on an output queue are worked with.

Note: This includes readers and writers, but does not include system jobs or subsystem monitor jobs.

name Specify the name of the subsystem. All active jobs in this subsystem are displayed.

[Top](#)

User whose jobs to display (USER)

Specifies the name of the user whose jobs are displayed.

***ALL** All jobs being processed under all user names are displayed.

name Specify a user name. All jobs with this user name are displayed.

[Top](#)

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output.

*
_ The output is displayed for interactive jobs or printed with the job's spooled output for non-interactive jobs.

*PRINT

The output is printed with the job's spooled output.

Top

Examples

Example 1: Working With All Jobs

WRKSBSJOB

This command, entered from a work station, allows you to work with all jobs in all subsystems, and the jobs on the job queues and output queues.

Example 2: Working With One User's Job

WRKSBSJOB SBS(QBATCH) USER(JONES)

This command allows you to work with all jobs in the QBATCH subsystem that belong to the user profile of the user named JONES.

Example 3: Working With Jobs on an Output Queue

WRKSBSJOB SBS(*OUTQ)

This command allows you to work with jobs that are on an output queue.

Top

Error messages

*ESCAPE Messages

CPF1003

Subsystem &1 not active.

CPF9846

Error while processing file &1 in library &2.

CPF9847

Error occurred while closing file &1 in library &2.

CPF9850

Override of printer file &1 not allowed.

CPF9851

Overflow value for file &1 in &2 too small.

CPF9871

Error occurred while processing.

Top

Work with Search Indexes (WRKSCHIDX)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Search Indexes (WRKSCHIDX) command allows you to show a list of search indexes from one or more libraries.

Restriction:

- Only the libraries to which you have use (*USE) authority will be searched.
- Only the search indexes forms to which you have some authority will be shown on the display.
- To work with search index entries, you must have *USE authority to the Work with Search Index Entries (WRKSCHIDX) command, and change (*CHANGE) authority for the search index.

Top

Parameters

Keyword	Description	Choices	Notes
SCHIDX	Search index	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Search index	<i>Generic name, name, *ALL</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB, *USRLIBL, *ALLUSR, *ALL</i>	

Top

Search index (SCHIDX)

Specifies the search indexes to be shown.

This is a required parameter.

Qualifier 1: Search index

***ALL** All search indexes are shown.

generic-name

Specify the generic name of the search indexes to be shown. A generic name is a character string that contains one or more characters followed by an asterisk (*). If a generic name is specified, all search indexes that have names with the same prefix as the generic name are shown.

name Specify the name of the search index to be shown.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

***CURLIB**

The current library for the thread is searched. If no library is specified as the current library for the thread, the QGPL library is searched.

*USRLIBL

If a current library entry exists in the library list for the current thread, the current library and the libraries in the user portion of the library list are searched. If there is no current library entry, only the libraries in the user portion of the library list are searched.

*ALLUSR

All user libraries are searched. All libraries with names that do not begin with the letter Q are searched except for the following:

```
#CGULIB    #DSULIB    #SEULIB
#COBLIB    #RPGLIB
#DFULIB    #SDALIB
```

Although the following Qxxx libraries are provided by IBM, they typically contain user data that changes frequently. Therefore, these libraries are considered user libraries and are also searched:

```
QDSNX      QRCLxxxxx  QUSRIJS    QUSRVxRxMx
QGGL38     QSRVAGT    QUSRINFSKR
QMGPL38    QSYS2      QUSRNOTES
QMGTC      QSYS2xxxxx QUSROND
QMGTC2     QS36F      QUSRPOSGS
QMPGDATA   QUSER38    QUSRPOSSA
QMOMDATA   QUSRADSM   QUSRPYMSVR
QMOMPROC   QUSRBRM    QUSRDRARS
QPFRDATA   QUSRDIRCL  QUSRSYS
QRCL       QUSRDIRDB  QUSRVI
```

1. 'xxxxx' is the number of a primary auxiliary storage pool (ASP).
2. A different library name, in the format QUSRVxRxMx, can be created by the user for each previous release supported by IBM to contain any user commands to be compiled in a CL program for the previous release. For the QUSRVxRxMx user library, VxRxMx is the version, release, and modification level of a previous release that IBM continues to support.

*ALL All libraries in the system, including QSYS, are searched.

name Specify the name of the library to be searched.

Top

Examples

```
WRKSchIDX  SchIDX(*ALL)
```

This command displays the Work with Search Indexes panel, showing a list of all the search indexes in the library list.

Top

Error messages

*ESCAPE Messages

CPF9809

Library &1 cannot be accessed.

Top

Work Search Index Entry (WRKSCHIDX)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Search Index Entries (WRKSCHIDX) command allows you to add entries to and remove entries from a search index, and to display the details of a search index entry.

Restrictions:

- You must have change (*CHANGE) authority for the search index for which you want to display, add, or remove entries.

Top

Parameters

Keyword	Description	Choices	Notes
SCHIDX	Search index	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Search index	<i>Name</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB</i>	

Top

Search index (SCHIDX)

Specifies the search index that contains the entries you want to display, add, or remove.

This is a required parameter.

Qualifier 1: Search index

name Specify the name of the search index.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched until the first match is found.

*CURLIB

The current library for the job is used to locate the search index. If no library is specified as the current library for the job, QGPL is used.

name Specify the name of the library where the search index is located.

Top

Examples

WRKSCHIDX SCHIDX(*LIBL/PAYROLL)

This command displays the Work with Search Index Entries panel, showing a list of panel group objects added to the search index PAYROLL. The search index is found by searching the library list.

[Top](#)

Error messages

None

[Top](#)

Work with Software Agreements (WRKSFWAGR)

Where allowed to run: All environments (*ALL)
Threadsafe: No

[Parameters](#)
[Examples](#)
[Error messages](#)

The Work with Software Agreements (WRKSFWAGR) command allows the user to display or print the software agreement documents for their installed licensed programs.

There are no parameters for this command.

[Top](#)

Parameters

None

[Top](#)

Examples

WRKSFWAGR

This command displays the Work with Software Agreements panel, showing a list of licensed programs currently installed on the system that have online software agreements and gives the option to display or print them.

[Top](#)

Error messages

None

[Top](#)

Work with Shared Storage Pools (WRKSHRPOOL)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Shared Storage Pools (WRKSHRPOOL) command allows you to show, print, or change shared storage pools. The machine pool and base pool system values are also shown. The pool size and activity level can be changed by typing over the values on the display. Shared pools can be changed to *NOSTG by blanking out the size and activity level.

Top

Parameters

Keyword	Description	Choices	Notes
OUTPUT	Output	*, *_PRINT	Optional, Positional 1

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output.

* The output is displayed for interactive jobs or printed with the job's spooled output for
_ non-interactive jobs.

*PRINT

The output is printed with the job's spooled output.

Top

Examples

```
WRKSHRPOOL  OUTPUT(*)
```

This command displays the Work with Shared Pools panel, showing shared storage pool information.

Top

Error messages

*ESCAPE Messages

CPF9871

Error occurred while processing.

Top

Work with Sphere of Control (WRKSOC)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

[Parameters](#)
[Examples](#)
[Error messages](#)

The Work with Sphere of Control (WRKSOC) command deletes, adds, or shows the current status of the control point names that you explicitly define.

There are no parameters for this command.

[Top](#)

Parameters

None

[Top](#)

Examples

WRKSOC

This command displays the Work with Sphere of Control panel.

[Top](#)

Error messages

None

[Top](#)

Work with Spelling Aid Dict (WRKSPADCT)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Spelling Aid Dictionaries (WRKSPADCT) command allows you to show a list of available spelling aid dictionaries.

Restrictions:

- Only the libraries to which you have use (*USE) authority will be searched.
- Only the spelling aid dictionaries to which you have some authority will be shown on the display.
- To perform operations on the spelling aid dictionaries, you must have *USE authority to the command used by the operation, and the appropriate authority to the spelling aid dictionaries on which the operation is to be performed.

Top

Parameters

Keyword	Description	Choices	Notes
SPADCT	Spelling aid dictionary	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Spelling aid dictionary	<i>Generic name, name, *ALL</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB, *USRLIBL, *ALLUSR, *ALL</i>	

Top

Spelling aid dictionary (SPADCT)

Specifies the spelling aid dictionaries to be shown.

This is a required parameter.

Qualifier 1: Spelling aid dictionary

***ALL** All spelling aid dictionaries are shown.

generic-name

Specify the generic name of the spelling aid dictionaries to be shown. A generic name is a character string that contains one or more characters followed by an asterisk (*). If a generic name is specified, all spelling aid dictionaries that have names with the same prefix as the generic name are shown.

name Specify the name of the spelling aid dictionary to be shown.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

*CURLIB

The current library for the thread is searched. If no library is specified as the current library for the thread, the QGPL library is searched.

*USRLIBL

If a current library entry exists in the library list for the current thread, the current library and the libraries in the user portion of the library list are searched. If there is no current library entry, only the libraries in the user portion of the library list are searched.

*ALLUSR

All user libraries are searched. All libraries with names that do not begin with the letter Q are searched except for the following:

```
#CGULIB    #DSULIB    #SEULIB
#COBLIB    #RPGLIB
#DFULIB    #SDALIB
```

Although the following Qxxx libraries are provided by IBM, they typically contain user data that changes frequently. Therefore, these libraries are considered user libraries and are also searched:

```
QDSNX      QRCLxxxxx  QUSRIJS    QUSRVxRxMx
QGPL       QSRVAGT    QUSRINFSKR
QGPL38     QSYS2      QUSRNOTES
QMGTC      QSYS2xxxxx QUSROND
QMGTC2     QS36F      QUSRPOSGS
QMPGDATA   QUSER38    QUSRPOSSA
QMOMDATA   QUSRADSM   QUSRPYMSVR
QMOMPROC   QUSRBRM    QUSRDRARS
QPFRDATA   QUSRDIRCL  QUSRSYS
QRCL       QUSRDIRDB  QUSRVI
```

1. 'xxxxx' is the number of a primary auxiliary storage pool (ASP).
2. A different library name, in the format QUSRVxRxMx, can be created by the user for each previous release supported by IBM to contain any user commands to be compiled in a CL program for the previous release. For the QUSRVxRxMx user library, VxRxMx is the version, release, and modification level of a previous release that IBM continues to support.

*ALL All libraries in the system, including QSYS, are searched.

name Specify the name of the library to be searched.

Top

Examples

```
WRKSPADCT SPADCT(*ALL)
```

This command displays the Work with Spelling Aid Dictionaries panel, showing a list of all the spelling aid dictionaries in the library list.

Top

Error messages

*ESCAPE Messages

CPF9809

Library &1 cannot be accessed.

Top

Work with Spooled Files (WRKSPLF)

Where allowed to run: All environments (*ALL)
 Threadsafte: No

Parameters
 Examples
 Error messages

The Work with Spooled Files (WRKSPLF) command displays a list of all the spooled files on the system or a selected list from them. You can choose to change, hold, delete, display, or release any or all of the entries that are displayed.

Performance Considerations: The amount of time needed to show the list of spooled files depends on the selection criteria used and the number of spooled files in the list. On a system with a large number of spooled files, it may be necessary to view a selected list of the system's spooled files. For additional performance information for WRKSPLF, see the Spool Performance Considerations experience report in the iSeries Information Center at <http://www.ibm.com/eserver/iseriess/infocenter>.

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Parameters

Keyword	Description	Choices	Notes
SELECT	Select files for	<i>Element list</i>	Optional, Positional 1
	Element 1: User	<i>Generic name, name, *CURRENT, *ALL</i>	
	Element 2: Print device	<i>Name, *ALL, *OUTQ</i>	
	Element 3: Form type	<i>Character value, *ALL, *STD</i>	
	Element 4: User data	<i>Character value, *ALL</i>	
	Element 5: ASP	<i>1-32, *ALL, *ASPDEV</i>	
	Element 6: Spooled file	<i>Generic name, name, *ALL</i>	
JOB	Job name	Single values: <i>*ALL</i> Other values: <i>Qualified job name</i>	Optional
	Qualifier 1: Job name	<i>Generic name, name</i>	
	Qualifier 2: User	<i>Generic name, name, *ALL</i>	
	Qualifier 3: Number	<i>000000-999999, *ALL</i>	
PERIOD	Time period	<i>Element list</i>	Optional
	Element 1: Start time and date	<i>Element list</i>	
	Element 1: Beginning time	<i>Time, *AVAIL</i>	
	Element 2: Beginning date	<i>Date, *BEGIN</i>	
	Element 2: End time and date	<i>Element list</i>	
	Element 1: Ending time	<i>Time, *AVAIL</i>	
	Element 2: Ending date	<i>Date, *END</i>	
ASPDEV	ASP device	<i>Name, *, *SYSBAS, *CURASPGRP</i>	Optional
OUTPUT	Output	<i>*, *PRINT</i>	Optional
DSPFMT	Display format	<i>*INLENV, *S36FMT, *NORMAL</i>	Optional, Positional 2
ASTLVL	Assistance level	<i>*PRV, *USRPRF, *BASIC, *INTERMED</i>	Optional

Select files for (SELECT)

Specifies which group of files is selected to be displayed. Positional values can be specified to select the files: the user that created the file, the device that the file is queued for, the form type specified, the user data tag associated with the file, the auxiliary storage pool the file is in, or the spooled file name. Only files that meet each of the values are selected.

Element 1: User

*CURRENT

Only files created by the user running this command are selected.

***ALL** Files created by all users are selected.

generic-name

Files created by all users that meet the criteria are selected. A generic name is a character string that contains one or more characters followed by an asterisk (*); for example, ABC*. The asterisk substitutes for any valid characters. If an asterisk is not specified with the name, the system assumes that the name is a complete user name.

name Specify a user name. Only files created by that user name are selected.

Element 2: Print device

*ALL Files on any device-created or user-created output queue are selected.

*OUTQ

All files on any user-created output queue are selected. A user-created output queue is any output queue that is not automatically created by a device. A user-created output queue does not generally have the same name as a device, but if it does, it does not reside in library QUSRSYS.

name Specify a device name. Only files on the device-created output queue for that device are selected. A device-created output queue is one that has the same name as a device and resides in the QUSRSYS library. Unless it already exists, it will automatically be created by the system when the device is created. A device-created output queue cannot be deleted.

Element 3: Form type

*ALL Files for all form types are selected.

***STD** Only files that specify the standard form type are selected.

character-value

Specify the form type to select the file.

Element 4: User data

*ALL Files with any user data tag specified are selected.

generic-user-data

Files with a user data tag that matches the criteria are selected. A generic user data tag is a character string that contains one or more characters and ends with an asterisk (*); for example, ABC*. The asterisk substitutes for any valid characters. If an asterisk is embedded in the middle of the string, for example 'AB*C*', it will be treated as part of the comparison string.

user-data

Specify the user data tag to select the file.

Element 5: ASP

***ALL** All files as specified in the Auxiliary Storage Pool Device (ASPDEV) parameter are selected.

***ASPDEV**

Files specified in the Auxiliary Storage Pool Device (ASPDEV) parameter are selected.

1-32 Specify the auxiliary storage pool (ASP) of the files being selected.

Element 6: Spooled file

***ALL** Files with any name are selected.

generic-name

All spooled files with a name that matches the generic name are selected. A generic name is a character string that contains one or more characters followed by an asterisk (*); for example, ABC*. The asterisk substitutes for any valid characters. If an asterisk is not specified with the name, the system assumes that the name is a complete spooled file name.

name Specify the name of the spooled files to select.

Top

Job name (JOB)

Specifies the name of the job or jobs that created the spooled files to be selected.

Note: This parameter is allowed only if *ALL is specified for the user name element of the SELECT parameter.

Single values

***ALL** Spooled files created by all jobs are to be included.

Qualifier 1: Select jobs

generic-name

Spooled files created by jobs with the generic name specified are to be included. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. The asterisk substitutes for any valid characters. A generic job name specifies all jobs with job names that begin with the generic prefix.

name Spooled files created by jobs with the name specified are to be included.

Qualifier 2: User

***ALL** All spooled files created by jobs that match the specified job name are included.

generic-name

Spooled files created by jobs with the generic user name specified are to be included.

name Spooled files created by jobs with the user name specified are to be included.

Qualifier 3: Number

***ALL** All spooled files created by jobs that match the specified job name and user name are to be included.

000001-999999

Specify the job number to further qualify the job name and user name.

Top

Time period (PERIOD)

Specifies the period of time for selecting which spooled files are shown. This is the creation date and time of the spooled files. This parameter contains two element lists of two elements each.

Element 1: Start time and date

Element 1: Beginning time

One of the following is used to specify the starting time at which or after which the spooled files were created. Spooled files created before the specified time and date are not shown.

*AVAIL

Any spooled files created on or after the specified starting date are shown.

time Specify the starting time for the specified starting date. The time is specified in 24-hour format and can be specified with or without a time separator:

- Without a time separator, specify a string of 4 or 6 digits (**hhmm** or **hhmmss**) where **hh** = hours, **mm** = minutes, and **ss** = seconds. Hours, minutes, and seconds must each be exactly 2 digits. Use leading zeros if necessary. Valid values for **hh** range from 00 through 23. Valid values for **mm** and **ss** range from 00 through 59.
- With a time separator, specify a string of 5 or 8 characters where the time separator specified for your job is used to separate the hours, minutes, and seconds. If you enter this command from the command line, the string must be enclosed in apostrophes. If a time separator other than the separator specified for your job is used, this command will fail.

Element 2: Beginning date

One of the following is used to specify the starting date on which or after which the spooled files were created. Spooled files created before the specified date are not shown.

*BEGIN

Any spooled files that meet the other selection criteria are shown. When *BEGIN is specified for the starting date, a starting time value other than *AVAIL is ignored.

date Specify the starting date. The date must be entered in the format specified by the job value DATFMT and, if separators are used, the separator must be the date separator specified by the job value DATSEP.

Element 2: End time and date

Element 1: Ending time

One of the following is used to specify the ending time before which the spooled files were created.

*AVAIL

Any spooled files created on or before the specified ending date are shown.

time Specify the ending time for the specified ending date before which the spooled files were created.

Element 2: Ending date

One of the following is used to specify the ending date before which or on which the spooled files were created.

***END** The last day on which spooled files were created is used as the end date. If *END is specified, an ending time value other than *AVAIL is ignored.

date Specify the ending date. The date must be entered in the format specified by the job value DATFMT and, if separators are used, the separator must be the date separator specified by the job value DATSEP.

Top

ASP device (ASPDEV)

Specifies the auxiliary storage pool device from which spooled files are to be selected. This parameter is only valid if the ASP number (ASP) element of the SELECT parameter is *ALL or *ASPDEV.

***** Files which are found in the ASPs that are currently part of the thread's library name space are selected. This includes the system ASP (ASP 1), all defined basic user ASPs (ASPs 2-32), and if the thread has an ASP group, the primary and secondary ASPs in the thread's ASP group.

***SYSBAS**

Files which are found in the system ASP (ASP 1) and all defined basic user ASPs (ASPs 2-32) are selected.

***CURASGRP**

Files which are found in the primary and secondary ASPs in the thread's ASP group are selected. If no ASP group is associated with the thread, an error will be issued.

name Specify the name of the auxiliary storage pool device description. Files which are found in the specified primary or secondary ASP are selected. Only primary or secondary ASPs which are in the thread's ASP group may be specified. If no ASP group is associated with the thread, an error will be issued.

Top

Output (OUTPUT)

Specifies whether the output is displayed at a display station or printed. If the output is displayed, it is sent to the work station that entered the command.

***** The output is displayed if requested by an interactive job or printed if requested by a batch job.

***PRINT**

The output is printed.

Note: *PRINT cannot be specified if you are using a S/36 environment. If the command is run interactively, the output will be displayed but not printed. If the command is run in batch, an error message will be sent and no output will be produced.

Top

Display format (DSPFMT)

Specifies the format and terminology to be used on the displays that result from running this command.

Note: If the System/36 display format is used, the **Output (OUTPUT)** parameter is ignored and the data is presented at the user's display station.

*INLENV

The format and terminology that is used is determined by the SPCENV (special environment) value specified in your user profile. If the SPCENV value is *S36, the System/36 terminology is used. All other values result in this system's terminology being used.

*S36FMT

System/36 terminology is used to display the information.

Note: Spooled files which exist on primary or secondary auxiliary storage pools will not be shown when using a display format of *S36FMT.

*NORMAL

This system's terminology is used to display the information.

Top

Assistance level (ASTLVL)

Specifies which user interface to use.

*PRV The previous user interface used is shown.

*USRPRF

The user interface specified on the **Assistance level (ASTLVL)** parameter of your user profile is used.

*BASIC

The Operational Assistant user interface is used.

Note: If any ASP number (1-32) is specified in the Select parameter and the Operational Assistant user interface is used, spooled files from the system ASP (ASP 1) and all basic user ASPs (ASPs 2-32) will be listed. Spooled files which exist on primary or secondary auxiliary storage pools will not be shown when using the Operational Assistant user interface.

*INTERMED

The system user interface is used.

Top

Examples

Example 1: Work with All Spooled Files

```
WRKSPLF  SELECT(*ALL *ALL *ALL *ALL *ALL *ALL)  DSPFMT(*NORMAL)
```

This command displays the Work with Spooled Files panel, showing a list of all of the spooled files on the system. The terminology used is determined by the value on the SPCENV parameter in the user's profile. The information goes to the display by default.

Example 2: Work with Selected Spooled Files

```
WRKSPLF  SELECT(CASMITH *ALL *ALL MEMO *ALL *ALL)
```


This command allows you to work with all of the spooled files on the system for the user named CASMITH and that have 'MEMO' specified in the user data for the spooled file.

Example 3: Work with Spooled Files by User Data

```
WRKSPLF  SELECT(*ALL *ALL *ALL '*SAV*' *ALL *ALL)
```

This command allows you to work with all of the spooled files on the system that have '*SAV' as the first four characters specified in the user data for the spooled file.

Example 4: Work with Spooled Files by Date

```
WRKSPLF  SELECT(*ALL)
          PERIOD('11:30:00' '01/12/2005') ('20:00:00' '01/12/2005'))
```

This command allows you to work with all of the spooled files on the system that have a create date and time between 11:30 AM and 8:00 PM on January 12, 2005.

[Top](#)

Error messages

*ESCAPE Messages

CPF1E94

User name &1 does not exist.

CPF1E95

Printer &1 not found.

CPF1E99

Unexpected error occurred.

CPF337E

ASP device &1 not in current ASP group for thread.

CPF337F

ASP device &1 not allowed with ASP number &2.

CPF33D0

Printer &1 does not exist.

CPF33D1

User &1 does not exist.

CPF3302

Override of print file &1 to file &2 not valid.

CPF3330

Necessary resource not available.

CPF33FD

ASP device &1 not allowed.

CPF3420

System/36 display format not allowed in batch.

CPF7D41

Error occurred while logging order assistance request.

CPF7D42

Error occurred while performing database operation.

CPF9825

Not authorized to device &1.

CPF9833

*CURASPGRP or *ASPGRPPRI specified and thread has no ASP group.

CPF9845

Error occurred while opening file &1.

CPF9846

Error while processing file &1 in library &2.

CPF9871

Error occurred while processing.

CPFB8ED

Device description &1 not correct for operation.

[Top](#)

Work with Spooled File Attr (WRKSPLFA)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work With Spooled File Attributes (WRKSPLFA) command shows the current attributes of the specified spooled file. The attributes can be displayed after the file is opened and while its file entry is still on the output queue.

Top

Parameters

Keyword	Description	Choices	Notes
FILE	Spooled file	<i>Name</i>	Required, Positional 1
JOB	Job name	Single values: * Other values: <i>Qualified job name</i>	Optional, Positional 2
	Qualifier 1: Job name	<i>Name</i>	
	Qualifier 2: User	<i>Name</i>	
	Qualifier 3: Number	000000-999999	
SPLNBR	Spooled file number	1-999999, *ONLY, *LAST, *ANY	Optional, Positional 3
JOBSYSNAME	Job system name	<i>Name</i> , *ONLY, *CURRENT, *ANY	Optional
CRTDATE	Spooled file created	Single values: *ONLY, *LAST Other values: <i>Element list</i>	Optional
	Element 1: Creation date	<i>Date</i>	
	Element 2: Creation time	<i>Time</i> , *ONLY, *LAST	
OUTPUT	Output	*, *PRINT	Optional

Top

Spooled file (FILE)

Specifies the spooled file for which you wish to display the attributes.

This is a required parameter.

name Specify the file name of the spooled file to have its attributes displayed.

Top

Job name (JOB)

Specifies the name of the job that created the spooled file.

Single values

* The job that entered this command is the job that created the spooled file.

Qualifier 1: Job name

name Specify the name of the job that created the spooled file. If no other job qualifiers are given, all jobs currently in the system are searched for the simple name of the job.

Qualifier 2: User

name Specify the user name that identifies the user profile under which the job is run.

Qualifier 3: Number

000000-999999

Specify the system-assigned job number.

Top

Spooled file number (SPLNBR)

Specifies the unique number of the spooled file in the job whose attributes are to be displayed.

*ONLY

Only one spooled file in the job has the specified file name; therefore, the number of the spooled file is not necessary.

*LAST

The spooled file with the highest number and the specified file name is used.

*ANY The spooled file number is not used to determine which spooled file is used. Use this value when the job system name parameter or the spooled file create date and time parameter is to take precedence over the spooled file number when selecting a spooled file.

1-999999

Specify the number of the spooled file with the specified file name whose attributes are displayed.

Top

Job system name (JOBSYSNAME)

Specifies the name of the system where the job that created the spooled file (JOB parameter) ran. This parameter is considered after the job name, user name, job number, spooled file name, and spooled file number parameter requirements have been met.

*ONLY

There is one spooled file with the specified job name, user name, job number, spooled file name, spooled file number, and spooled file create date and time.

*CURRENT

The spooled file created on the current system with the specified job name, user name, job number, spooled file name, spooled file number, and create date and time is used.

*ANY The job system name is not used to determine which spooled file is used. Use this value when the spooled file create date and time parameter is to take precedence over the job system name when selecting a spooled file.

name Specify the name of the system where the job that created the spooled file ran.

Top

Spooled file created (CRTDATE)

Specifies the date and time the spooled file was created. This parameter is considered after the job name, user name, job number, spooled file name, spooled file number, and job system name parameter requirements have been met.

Single values

*ONLY

There is one spooled file with the specified job name, user name, job number, spooled file name, spooled file number, and job system name.

*LAST

The spooled file with the latest create date and time of the specified job name, user name, job number, spooled file name, spooled file number, and job system name is used.

Element 1: Creation date

date Specify the date the spooled file was created.

Element 2: Creation time

*ONLY

There is one spooled file with the specified job name, user name, job number, spooled file name, spooled file number, job system name, and spooled file create date.

*LAST

The spooled file with the latest create time of the specified job name, user name, job number, spooled file name, spooled file number, job system name, and spooled file create date is used.

time Specify the time the spooled file was created.

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output.

* The output is displayed if requested by an interactive job or printed if requested by a batch job.

*PRINT

The output is printed with the job's spooled output.

Top

Examples

```
WRKSPLFA FILE(QPRINT) OUTPUT(*PRINT)
```

This command prints a file containing the current attributes of the spooled file QPRINT and sends it to the job's output queue to be printed. The job that entered this command must have produced only one output file named QPRINT.

Top

Error messages

*ESCAPE Messages

- CPF3302**
Override of print file &1 to file &2 not valid.
- CPF3303**
File &1 not found in job &5/&4/&3.
- CPF3309**
No files named &1 are active.
- CPF3330**
Necessary resource not available.
- CPF3336**
Job &5/&4/&3 no longer in the system.
- CPF3340**
More than one file with specified name found in job &5/&4/&3.
- CPF3342**
Job &5/&4/&3 not found.
- CPF3343**
Duplicate job names found.
- CPF3344**
File &1 number &8 no longer in the system.
- CPF7D41**
Error occurred while logging order assistance request.
- CPF7D42**
Error occurred while performing database operation.
- CPF9845**
Error occurred while opening file &1.
- CPF9846**
Error while processing file &1 in library &2.
- CPF9871**
Error occurred while processing.

Top

Work with Service Agent (WRKSRVAGT)

Where allowed to run: All environments (*ALL)
 Threadsafes: No

Parameters
 Examples
 Error messages

The Work with Service Agent (WRKSRVAGT) command allows a user to work with several functional areas of Service Agent. The area is specified by the **Type (TYPE)** parameter.

Top

Parameters

Keyword	Description	Choices	Notes
TYPE	Type	*SRVIN, *EVENT, *PRBLOGE, *THRESHOLD	Required, Positional 1
CATEGORY	Category	*ALL, *DASD, *TAPE, *PROC	Optional
STATUS	Reporting status	*ALL, *PENDING	Optional
OUTPUT	Output	*, *PRINT	Optional
COLSRVIN	Collect information	*YES, *NO	Optional
SNDSRVIN	Send information	*YES, *NO	Optional
SRVIN	Service information	Values (up to 9 repetitions): <i>Character value</i> , *ALL	Optional
PRBID	Problem identifier	<i>Character value</i> , *ALL	Optional
SRVINPRB	Information for a problem	*ALL, *PRIMARY, *SECONDARY	Optional
PERIOD	Period	<i>Element list</i>	Optional
	Element 1: Start time and date	<i>Element list</i>	
	Element 1: Start time	<i>Time</i> , *AVAIL	
	Element 2: Start date	<i>Date</i> , *BEGIN, *CURRENT	
	Element 2: End time and date	<i>Element list</i>	
	Element 1: End time	<i>Time</i> , *AVAIL	
	Element 2: End date	<i>Date</i> , *END, *CURRENT	
ORIGIN	Originating system	<i>Element list</i>	Optional
	Element 1: Network ID	<i>Communications name</i> , *ALL, *LOCAL	
	Element 2: Control point name	<i>Communications name</i> , *ALL, *LOCAL	
SRVID	PMR number	<i>Character value</i> , *ALL	Optional
SRVAGTONLY	Service Agent only	*NO, *YES	Optional
SUBTYPE	Subtype	*SYSREFCDE, *TABLE	Optional
DEVICE	Device	<i>Character value</i>	Optional

Top

Type (TYPE)

Specifies the area of Service Agent you want to work with.

This is a required parameter.

*EVENT

The results of the product activity log analysis performed by Service Agent are displayed. During PAL analysis, Service Agent groups product activity log records by device, system reference code, and date. Specifying TYPE(*EVENT) will display information about each such group of product activity log records, how many records make up the group, and what action Service Agent took for each record.

*SRVINP

The process of collecting and sending service information to IBM is started immediately.

*PRBLOGE

Provides a customized front end to the WRKPRB command. It exposes only the service related parameters of WRKPRB to make problem determination easier for service personnel.

The Work with Problems (WRKPRB) command works with the Work with Problems display. You can use this command to work with problems that were detected by the system or logical partition or detected by the user.

*THRESHOLD

Specifies to work with either a system reference code in the Service Agent threshold table, or the entire table.

Top

Category (CATEGORY)

Specifies the category of device for which Service Agent product activity log analysis information is displayed.

Note: This parameter is valid only when TYPE(*EVENT) is specified.

***ALL** Product activity log analysis information is displayed for all devices on the system or logical partition.

*DASD

Product activity log analysis information is displayed for direct access storage devices only.

***TAPE** Product activity log analysis information is displayed for all magnetic, optical, and diskette storage devices.

*PROC

Product activity log analysis information is displayed for all devices except storage devices.

Top

Reporting status (STATUS)

Specifies whether the Service Agent product activity log analysis information to be displayed should be limited to currently active information only.

Note: This parameter is valid only when TYPE(*EVENT) is specified.

***ALL** All applicable Service Agent product activity log analysis information is displayed.

***PENDING**

Only Service Agent product activity log analysis groups that could potentially cause Service Agent to notify the users and service provider of a new system or logical partition problem are displayed. Such groups represent product activity log information that Service Agent will use to report a problem if additional product activity log records that belong to the group are encountered.

Top

Output (OUTPUT)

Specifies where the output from the command should be directed.

Note: This parameter is valid only when TYPE(*EVENT) is specified.

*** _** The output is displayed for interactive jobs or printed with the job's spooled output for non-interactive jobs.

***PRINT**

The output is printed with the job's spooled output.

Top

Collect information (COLSRVINF)

Specifies whether system or logical partition information is to be collected.

Note: This parameter is valid only when TYPE(*SRVINF) is specified.

***YES** System or logical partition service information is to be collected.

***NO** System or logical partition service information is not to be collected.

Top

Send information (SNDSRVINF)

Specifies whether the available collected service information is to be sent to IBM.

Note: This parameter is valid only when TYPE(*SRVINF) is specified.

***YES** The available collected service information is sent to IBM.

***NO** The available collected service information is not sent to IBM.

Top

Service information (SRVINF)

Specifies the type of service information to be processed.

Note: This parameter is valid only when TYPE(*SRVINF) is specified.

***ALL** All types of service information will be processed.

***PRBID**

Service information for a problem log identifier.

Problem identifier (PRBID)

Specifies the problem identifier of the problem selected. Problems with different system or logical partition origins can have the same identifier. This parameter can be used with the **Originating system (ORIGIN)** parameter to select a single problem from a particular system or logical partition origin.

Note: This parameter is valid only when TYPE(*PRBLOGE) is specified.

***ALL** All problem identifiers are selected.

character-value

Specify the problem identifier of the problem being selected.

Information for a problem (SRVINFPRB)

Specifies the type of service information sent for the problem specified in the Problem identifier (PRBID) parameter.

Note: This is a required parameter when SRVIN(*PRBID) is specified.

***ALL** All service information for the specified problem is sent.

***PRIMARY**

Only the primary service information is sent.

***SECONDARY**

Only the secondary service information is sent.

Period (PERIOD)

Specifies the period of time for which problem log entries are shown. This is the time when the problem log entry was placed in the log.

Note: This parameter is valid only when TYPE(*PRBLOGE) is specified.

Element 1: Start time and date

Element 1: Start time

***AVAIL**

The logged data that is available for the specified start date is shown.

time Specify the start time for the specified start date indicating the logged data to display, in the job time format.

Element 2: Start date

*BEGIN

The logged data from the beginning of the log is shown.

Note: If *BEGIN is specified, any time value other than *AVAIL for start time is ignored.

*CURRENT

The logged data for the current day from the specified start time through the end time (if it is specified) is shown.

date Specify the start date for which logged data is shown, in the job date format.

Element 2: End time and date

Element 1: End time

*AVAIL

The logged data that is available for the specified end date is shown.

time Specify the end time for the specified end date for which logged data is shown, in the job time format.

Element 2: End date

*END The last day on which data was logged is the last day for which logged data is shown.

Note: If *END is specified, any time value other than *AVAIL for end time is ignored.

*CURRENT

The logged data for the current day from the specified start time through the end time (if it is specified) is shown.

date Specify the end date for which logged data is to be shown, in the job date format.

Top

Originating system (ORIGIN)

Specifies that only problem log entries that originated at the specified systems or logical partitions are shown.

Note: This parameter is valid only when TYPE(*PRBLOGE) is specified.

Element 1: Network ID

*ALL All entries are shown regardless of the network identifier of the origin system or logical partition.

*LOCAL

Only entries that originated on systems or logical partitions with the same local network identifier as the one defined in the network attributes for this system or logical partition are shown.

communications-name

Specify a network identifier. Only entries that originated on systems or logical partitions with this local network identifier are shown.

Element 2: Control point name

***ALL** All entries are shown regardless of the control point name of the origin system or logical partition.

***LOCAL**

Only entries that originated on systems or logical partitions with the same local control point name as the one defined in the network attributes for this system are shown.

communications-name

Specify a control point name. Only entries that originated on systems or logical partitions with this control point name are shown.

Top

PMR number (SRVID)

Specifies whether only problem log entries that have the specified Problem Management Record (PMR) number are displayed. This number is assigned when the problem is reported to IBM Service.

Note: This parameter is valid only when TYPE(*PRBLOGE) is specified.

***ALL** All entries are shown regardless of the PMR number, if any, assigned.

character-value

Specify a PMR number. Only problem log entries that have the specified PMR number assigned are shown.

Top

Service Agent only (SRVAGTONLY)

Specifies whether all problem log entries are to be considered for display or only those that have been processed by Service Agent.

Note: This parameter is valid only when TYPE(*PRBLOGE) is specified.

***YES** Only problem log entries that have been processed by Service Agent will be displayed.

***NO** All problem log entries will be displayed.

Top

Subtype (SUBTYPE)

Specifies the work with aspect of the threshold table.

Note: This is a required parameter when TYPE(*THRESHOLD) is specified.

***SYSREFCDE**

Work with a system reference code entry.

***TABLE**

Work with the entire threshold table.

Top

Device (DEVICE)

Specifies the device associated with the system reference code in the threshold table.

Note: This is a required parameter when SUBTYPE(*SYSREFCDE) is specified.

character-value

Specify the four-character device type associated with the system reference code. For example, DEVICE(2420) might be specified for a 2420 tape device.

Top

Examples

```
WRKSRVAGT  TYPE(*SRVIN)  COLSRVIN(*YES)  SNDSRVINF(*YES)
```

This command will cause Service Agent service information to be collected and sent immediately.

Top

Error messages

*ESCAPE Messages

CPF9899

Error occurred during processing of command.

Top

Work with Service Program (WRKSRVPGM)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Service Program (WRKSRVPGM) command allows you to display and work with a list of service programs from one or more libraries.

Restrictions:

- Only the libraries to which you have use (*USE) authority are searched.
- Only the service programs to which you have some authority are shown on the display.
- To perform operations on the service programs, you must have *USE authority to the command used by the operation and the appropriate authority to the service programs on which the operation is to be performed.

Top

Parameters

Keyword	Description	Choices	Notes
SRVPGM	Service program	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Service program	<i>Generic name, name, *ALL</i>	
	Qualifier 2: Library	<i>Name, <u>*LIBL</u>, *CURLIB, *USRLIBL, *ALLUSR, *ALL</i>	

Top

Service program (SRVPGM)

Specifies the search process for service programs to be placed in the list. All service programs with names corresponding to the specified parameter value, and for which the user has authority, are shown.

This is a required parameter.

Qualifier 1: Service program

***ALL** All service programs in the libraries identified in the library qualifier are shown.

generic-name

Specify the generic name of the service programs to work with. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If a generic name is specified, then all service programs with names that begin with the generic name, and for which the user has authority, are shown. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete service program name.

name Specify the name of the service program to work with.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

*CURLIB

The current library for the job is searched. If no library is specified as the current library for the job, the QGPL library is used.

*USRLIBL

Only the libraries in the user portion of the job's library list are searched.

*ALL All libraries in the system portion of the job's library list, including QSYS, are searched.

*ALLUSR

All user libraries are searched. All libraries with names that do not begin with the letter Q are searched except for the following:

```
#CGULIB    #DSULIB    #SEULIB
#COBLIB    #RPGLIB
#DFULIB    #SDALIB
```

Although the following Qxxx libraries are provided by IBM, they typically contain user data that changes frequently. Therefore, these libraries are considered user libraries and are also searched:

```
QDSNX      QRCLxxxxx  QUSRIJS    QUSRVxRxMx
QGPL       QSRVAGT    QUSRINFSKR
QGGL38     QSYS2      QUSRNOTES
QMGTC      QSYS2xxxxx QUSROND
QMGTC2     QS36F      QUSRPOSGS
QMPGDATA   QUSER38    QUSRPOSSA
QMOMDATA   QUSRADSM   QUSRPYMSVR
QMOMPROC   QUSRBRM    QUSRDRARS
QPFRDATA   QUSRDIRCL  QUSRSYS
QRCL       QUSRDIRDB  QUSRVI
```

1. 'xxxxx' is the number of a primary auxiliary storage pool (ASP).
2. A different library name, in the format QUSRVxRxMx, can be created by the user for each previous release supported by IBM to contain any user commands to be compiled in a CL program for the previous release. For the QUSRVxRxMx user library, VxRxMx is the version, release, and modification level of a previous release that IBM continues to support.

name Specify the name of the library to be searched.

Top

Examples

```
WRKSRVPGM SRVPGM(COMPLETE)
```

This command displays the Work with Service Programs panel, showing a list of service programs named COMPLETE that are located using the library list.

Top

Error messages

CPF9809

Library &1 cannot be accessed.

CPF9820

Not authorized to use library &1.

Top

Work with Service Providers (WRKSRVPVD)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Service Providers (WRKSRVPVD) Command allows you to work with a menu which contains a list of service providers to whom you can report service problems and send PTF orders. From this menu, you can add, change, copy, delete, or display service providers.

Restriction: To use this command, the user must be signed on as QSRV or QSRVBAS, or have *ALLOBJ authority.

There are no parameters for this command.

[Top](#)

Parameters

None

[Top](#)

Examples

WRKSRVPVD

This command displays the Work with Service Providers panel, showing the current list of service providers.

[Top](#)

Error messages

None

[Top](#)

Work with Service Table Entry (WRKSRVTBLE)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Service Table Entry (WRKSRVTBLE) command is used to show a list of service table entries from which you can add, remove, display or print the entries. You can also select to print the list.

The service table is used to manage the mapping of network services to ports, to record the protocols the services use, and to record a maximum of four alias names for each service. The service table is shipped with some standard port assignments. Values for common functions supported by Transmission Control Protocol/Internet Protocol (TCP/IP) are available to the Internet community in the assigned numbers RFC (Request for Comments) document, a formal specification of proposals and standards for a portion of TCP/IP.

Restrictions:

- You must have input/output system configuration (*IOSYSCFG) special authority to add or remove entries using this command.

Top

Parameters

Keyword	Description	Choices	Notes
SERVICE	Service	Character value, <u>*ALL</u>	Optional, Positional 1
OUTPUT	Output	<u>_</u> , *PRINT	Optional, Positional 2

Top

Service (SERVICE)

Specifies the service name with which you want to work.

*ALL All service table entries are shown or printed.

character-value

Specify the name of the service. All entries that match are shown or printed.

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output.

* The output is displayed for interactive jobs or printed with the job's spooled output for non-interactive jobs.
_

***PRINT**

The output is printed with the job's spooled output.

[Top](#)

Examples

WRKSRVTBLE

This command displays the Work with Service Table Entries panel, showing a list of all the service table entries. You can select to add, remove, display, or print the service table entries from this list.

[Top](#)

Error messages

None

[Top](#)

Work with System Status (WRKSYSSTS)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with System Status (WRKSYSSTS) command allows you to work with information about the current status of the system. It displays the number of jobs currently in the system, the total capacity of the system auxiliary storage pool (ASP), the percentage of the system ASP currently in use, the amount of temporary storage currently in use, the percentage of machine addresses used, and statistical information related to each storage pool that currently has main storage allocated to it. The statistical information is gathered during an identified time interval (shown as the elapsed time); the data can either be updated by extending the measurement time interval, or it can be restarted to show statistics for the interval starting with the previous display.

Top

Parameters

Keyword	Description	Choices	Notes
OUTPUT	Output	<u>*</u> , *PRINT	Optional, Positional 1
RESET	Reset status statistics	* <u>NO</u> , *YES	Optional
ASTLVL	Assistance level	* <u>PRV</u> , *USRPRE, *BASIC, *INTERMED, *ADVANCED	Optional

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output.

* The output is displayed for interactive jobs or printed with the job's spooled output for
- non-interactive jobs.

*PRINT The output is printed with the job's spooled output.

Top

Reset status statistics (RESET)

Specifies whether system status statistics fields are reset to zero, as if this is the first occurrence of this command in this job.

*NO The system status statistics are not reset.

*YES The system status statistics are reset. This will also reset the status statistics on the Display System Status (DSPSYSSTS) command and the QWCRSSTS API.

Top

Assistance level (ASTLVL)

Specifies which user interface to use.

***PRV** The previously used assistance level is presented.

***USRPRF**

The assistance level defined in the user profile is presented.

***BASIC**

The Operational Assistant user interface is used.

***INTERMED**

The system user interface is presented.

***ADVANCED**

The system user interface expert mode is presented.

Top

Examples

WRKSYSSTS OUTPUT(*PRINT)

This command prints the system status information. If OUTPUT(*) is specified instead, and the command is entered from an interactive job, the Work with System Status panel is displayed, showing information about the system.

Top

Error messages

*ESCAPE Messages

CPF1009

Statistics elapsed time reset.

CPF1882

Value for paging option not valid.

CPF980A

&1 routine in &2 module detected an exception. The exception return code was &3.

CPF9847

Error occurred while closing file &1 in library &2.

CPF9850

Override of printer file &1 not allowed.

CPF9851

Overflow value for file &1 in &2 too small.

CPF9871

Error occurred while processing.

Top

Work with System Value (WRKSYSVAL)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with System Value (WRKSYSVAL) command allows you to work with a specified system value. The system values are provided as part of the system. They are used by the system to control certain operations in the operating system and to communicate the status of certain conditions.

Changes to some system values take effect immediately; however, some do not take effect until new jobs are started, and others do not take effect until the next initial program load (IPL). More information about system values is in the Work Management information in the iSeries Information Center at <http://www.ibm.com/eserver/series/infocenter>.

Note: Refer to the **CL variable for returned value (RTNVAR)** parameter of the Retrieve System Value (RTVSYVAL) command for a chart that shows the type and length of each system value.

Restrictions:

1. Refer to the Change System Value (CHGSYSVAL) command for information regarding the authority required to change certain system values.

Top

Parameters

Keyword	Description	Choices	Notes
SYSVAL	System value	Generic name, name, *ALL , *ALC, *DATTIM, *EDT, *LIBL, *MSG, *SEC, *STG, *SYSCTL, QABNORMSW, QACGLVL, QACTJOB, QADLACTJ, QADLSPLA, QADLTOTJ, QALWJOBITP, QALWOBJRST, QALWUSRDMN, QASTLVL, QATNPGM, QAUDCTL, QAUDENDACN, QAUDFRCLVL, QAUDLVL, QAUDLVL2, QAUTOCFG, QAUTORMT, QAUTOSPRPT, QAUTOVRT, QBASACTLVL, QBASPOOL, QBOOKPATH, QCCSID, QCENTURY, QCFGMSGQ, QCHRID, QCHRIDCTL, QCMNARB, QCMNRCYLMT, QCNTYID, QCONSOLE, QCRTAUT, QCRTOBJAUD, QCTLSBSD, QCURSYM, QDATE, QDATETIME, QDATFMT, QDATSEP, QDAY, QDAYOFWEEK, QDBFSTCCOL, QDBRCVYWT, QDECFMT, QDEVNAMING, QDEVRCYACN, QDSCJOBITV, QDSPSGNINE, QDYNPTYADJ, QDYNPTYSCD, QENDJOB LMT, QFRCCVNRST, QHOUR, QHSTLOGSIZ, QIGC, QIGCCDEFNT, QIGCFNTSIZ, QINACTITV, QINACTMSGQ, QIPLDATTIM, QIPLSTS, QIPLTYPE, QJOBMSGQFL, QJOBMSGQMX, QJOBMSGQSZ, QJOBMSGQTL, QJOBSPLA, QKBDUF, QKBDTYPE, QLANGID, QLEAPADJ, QLIBLCKLVL, QLMTDEVSSN, QLMTSECOFR, QLOCALE, QLOGOUTPUT, QMAXACTLVL, QMAXJOB, QMAXSGNACN, QMAXSIGN, QMAXSPLF, QMCHPOOL, QMINUTE, QMLTTHDACN, QMODEL, QMONTH, QPASTHRSVR, QPFRADJ, QPRBFTR, QPRBHLDTIV, QPRCFEAT, QPRCMLTTSK, QPRTDEV, QPRTKEYFMT, QPRTTXT, QPWDEXPITV, QPWDLMTAJC, QPWDLMTCHR, QPWDLMTREP, QPWDLVL, QPWDMAXLEN, QPWDMINLEN, QPWDPOSDIF, QPWDRQDDGT, QPWDRQDDIE, QPWDVLDPGM, QPWRDWNLMT, QPWRSTIPL, QQRYDEGREE, QQRYTIMLMT, QRCLSPLSTG, QRETSVRSEC, QRMTIPL, QRMTSIGN, QRMTSRVATR, QSAVACCPH, QSCANFS, QSCANFCTL, QSCPFCONS, QSECOND, QSECURITY, QSETJOBATR, QSFWERRLOG, QSHRMEMCTL, QSPCENV, QSPLFACN, QSRLNBR, QSRTSEQ, QSRVDMP, QSTGLOWACN, QSTGLOWLMT, QSTRPRTWTR, QSTRUPPGM, QSTSMSG, QSVRAUTITV, QSYSLIBL, QTHDRSCADJ, QTHDRSCAFN, QTIMADJ, QTIME, QTIMSEP, QTIMZON, QTOTJOB, QTSEPOOL, QUPSDLYTIM, QUPSMMSGQ, QUSEADPAUT, QUSRLIBL, QUTCOFFSET, QVFOBJRST, QYEAR	Optional, Positional 1
OUTPUT	Output	*, *PRINT	Optional

Top

System value (SYSVAL)

Specifies the name of the system value with which you wish to work. Most of the system values can be specified; however, some values cannot be changed by this command. More information on which values can be specified is in the Work Management information in the iSeries Information Center at <http://www.ibm.com/eserver/series/infocenter>.

***ALL** All system values.

***ALC** Allocation system values.

***DATTIM**

Date and time system values.

- *EDT Editing system values.
- *LIBL Library list system values.
- *MSG Message and logging system values.
- *SEC Security system values.
- *STG Storage system values.
- *SYSCTL
System control system values.

generic-name

Specify the generic name for the system values to work with. A generic name is a character string of one or more characters followed by an asterisk (*); for example, QAU*. If a generic name is specified, then all entries with names that begin with the generic name will be shown on the WRKSYSVAL panel.

name Specify the name of the system value to work with.

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output.

* The output is displayed for interactive jobs or printed with the job's spooled output for
 - non-interactive jobs.

*PRINT
 The output is printed with the job's spooled output.

Top

Examples

Example 1: Displaying Date and Time System Values

```
WRKSYSVAL  SYSVAL(*DATTIM)
```

This command displays a list of all the date and time system values.

Example 2: Displaying Security System Values

```
WRKSYSVAL  SYSVAL(*SEC)
```

This command displays a list of all the security system values.

Example 3: Working with the Control Subsystem Description System Value

```
WRKSYSVAL  SYSVAL(QCTLSBSD)
```

This command allows you to work with the controlling subsystem description system value, QCTLSBSD.

Example 4: Printing System Values

```
WRKSYSVAL  OUTPUT(*PRINT)
```

This command prints a list of all system values and their current values.

Top

Error messages

*ESCAPE Messages

CPF1001

Wait time expired for system response.

CPF1030

System value &1 cannot be changed.

CPF1059

Length of value not correct for &1.

CPF1076

Specified value not allowed for system value &1.

CPF1078

System value &1 not changed.

CPF1079

Too many or too few values listed for &1.

CPF1203

Keyboard identifier &1 not correct.

CPF1831

User not authorized to change system value &1.

CPF1852

System value &1 not changed.

CPF1856

Filter type &4 not correct for system value &1.

CPF1857

Specified value for &1 not a code font.

CPF1864

User not authorized to change system value &1.

Top

Work with Tape Cartridge (WRKTAPCTG)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Tape Cartridges (WRKTAPCTG) command allows the user to work with a list of tape cartridges.

Top

Parameters

Keyword	Description	Choices	Notes
DEV	Library device	<i>Name</i>	Required, Positional 1
CTG	Cartridge ID	Single values: *ALL Other values (up to 40 repetitions): <i>Character value</i>	Optional
CGY	Category	Single values: *SHARE400, *INSERT, *EJECT Other values: <i>Element list</i>	Optional
	Element 1: Category name	<i>Character value</i> , *ALL , *NOSHARE, *IPL, *NL, *CNV, *SYSGEN	
	Element 2: Category system	<i>Character value</i> , *CURRENT	

Top

Library device (DEV)

Specifies the library device to be used. The device name must have been previously created on the system using the Create Device Media Library (CRTDEVMLB) command.

This is a required parameter.

name Specify the name of the library device.

Top

Cartridge ID (CTG)

Specify the cartridge identifiers to work with.

Note: The cartridge identifier should represent the external identifier if the library device has a bar code scanner to read external identifiers.

Single values

***ALL** All tape cartridges in the device or in the category specified are shown.

Other values (up to 40 repetitions)

generic-identifier

Specify the generic name of the cartridge identifier. A generic name is a character string of one or

more characters followed by an asterisk (*); for example, ABC*. The asterisk substitutes for any valid characters. A generic name specifies all cartridge identifiers with names that begin with the generic prefix. If an asterisk is not included with the generic (prefix) name, the system assumes it to be the complete cartridge identifier.

identifier

Specify the cartridge identifier.

Top

Category (CGY)

Specifies the category of tape cartridges to work with.

Single values

***SHARE400**

The cartridge identifiers in the *SHARE400 category are displayed. A cartridge in this category can be shared with other systems attached to the same device.

***INSERT**

The cartridge identifiers in the *INSERT category are displayed. A cartridge in this category has been placed in the library device, but its identifier has not been added to the system.

***EJECT**

The cartridge identifiers in the *EJECT category are displayed. A cartridge in this category has had its identifier removed from the system and is no longer usable.

Element 1: Category name

***ALL** All categories are searched for the cartridge identifiers specified on the CTG parameter and all are displayed to work with.

***NOSHARE**

The cartridge identifiers in the *NOSHARE category are displayed. A cartridge with this identifier cannot be shared with other systems.

***IPL** The cartridge identifiers in the *IPL category are displayed. A cartridge with this identifier can be used for an alternate IPL.

***NL** The cartridge identifiers in the *NL category are displayed. A cartridge with this identifier is used as a non-labeled tape.

***CNV** The cartridge identifiers in the *CNV category are displayed. Cartridges in this category are for use with the convenience station.

***SYSGEN**

The cartridge identifiers in the *SYSGEN category are displayed. If the library device is in *SYSGEN mode, cartridges cannot be moved from the *SYSGEN category.

category-name

Specify the name of a user-defined category. This category name must have been created previously with the Create Tape Category (CRTTAPCGY) command.

Element 2: Category system

This element identifies the system the category belongs to. The system name is obtained from the pending system name field of a Display Network Attributes (DSPNETA) command. If there is no pending name, the current system attribute is used.

***** Attention *****
If the system name is changed, all category
information associated with all tape
cartridges in library devices are not valid.

***CURRENT**

The category belongs to the system currently running the command.

***ALL** The systems that own categories available to the system running this command are used.

character-value

Specify the name of the system to which the category belongs.

Top

Examples

Example 1: Working with a Single Cartridge in a Tape Library

```
WRKTAPCTG DEV(LIB01) CTG(VOL4) CGY(*ALL)
```

This command displays the Work with Tape Cartridges panel, showing only one entry for VOL4. A number of options for working with the tape cartridge shown are available on the Work with Tape Cartridges panel.

Example 2: Working with All Cartridges in the *INSERT Category

```
WRKTAPCTG DEV(LIB01) CGY(*INSERT)
```

This command displays the Work with Tape Cartridges panel, showing the list of all cartridges in the *INSERT category.

Top

Error messages

*ESCAPE Messages

CPF6708

Command ended due to error.

CPF6711

Command not allowed

CPF6718

Cannot allocate device &1.

CPF6745

Device &1 not a media library device.

CPF67A6

Category does not exist

CPF67D2

Cartridge command was not successful.

CPF67D4

Category not available

CPF67E4

Library device function not successful

CPF67E6

Volume &2 is not correct

CPF67EA

Function not successful

CPF67EC

Library device description &1 does not exist

CPF67ED

Library device &1 not available

CPF67F5

Duplicate cartridge or virtual volume name found

CPF9814

Device &1 not found.

CPF9825

Not authorized to device &1.

Top

Work with Tables (WRKTBL)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Tables (WRKTBL) command allows you to show a list of available tables.

Restrictions:

- Only the libraries to which you have use (*USE) authority will be searched.
- Only the tables to which you have some authority will be shown on the display.
- To perform operations on the tables, you must have *USE authority to the command used by the operation, and the appropriate authority to the tables on which the operation is to be performed.

Top

Parameters

Keyword	Description	Choices	Notes
TBL	Table	<i>Qualified object name</i>	Required, Positional 1
	Qualifier 1: Table	<i>Generic name, name, *ALL</i>	
	Qualifier 2: Library	<i>Name, *LIBL, *CURLIB, *USRLIBL, *ALLUSR, *ALL</i>	

Top

Table (TBL)

Specifies the tables to be shown.

This is a required parameter.

Qualifier 1: Table

***ALL** All tables are shown.

generic-name

Specify the generic name of the tables to be shown. A generic name is a character string that contains one or more characters followed by an asterisk (*). If a generic name is specified, all tables that have names with the same prefix as the generic name are shown.

name Specify the name of the table to be shown.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched. All objects in these libraries with the specified object name are shown.

***CURLIB**

The current library for the thread is searched. If no library is specified as the current library for the thread, the QGPL library is searched.

***USRLIBL**

If a current library entry exists in the library list for the current thread, the current library and the

libraries in the user portion of the library list are searched. If there is no current library entry, only the libraries in the user portion of the library list are searched.

***ALLUSR**

All user libraries are searched. All libraries with names that do not begin with the letter Q are searched except for the following:

```
#CGULIB    #DSULIB    #SEULIB
#COBLIB    #RPGLIB
#DFULIB    #SDALIB
```

Although the following Qxxx libraries are provided by IBM, they typically contain user data that changes frequently. Therefore, these libraries are considered user libraries and are also searched:

```
QDSNX      QRCLxxxxx  QUSRIJS    QUSRVxRxMx
QGGL       QSRVAGT    QUSRINFSKR
QGGL38     QSYS2      QUSRNOTES
QMGTC      QSYS2xxxxx QUSROND
QMGTC2     QS36F      QUSRPOSGS
QMPGDATA   QUSER38    QUSRPOSSA
QMOMDATA   QUSRADSM   QUSRPYMSVR
QMOMPROC   QUSRBRM    QUSRDRARS
QPFRDATA   QUSRDIRCL  QUSRSYS
QRCL       QUSRDIRDB  QUSRVI
```

1. 'xxxxx' is the number of a primary auxiliary storage pool (ASP).
2. A different library name, in the format QUSRVxRxMx, can be created by the user for each previous release supported by IBM to contain any user commands to be compiled in a CL program for the previous release. For the QUSRVxRxMx user library, VxRxMx is the version, release, and modification level of a previous release that IBM continues to support.

***ALL** All libraries in the system, including QSYS, are searched.

name Specify the name of the library to be searched.

Top

Examples

```
WRKTBL TBL(LIB1/ABC*)
```

This command displays the Work with Tables panel, showing a list of tables whose names begin with the letters 'ABC' that exist in library LIB1.

Top

Error messages

*ESCAPE Messages

CPF9809

Library &1 cannot be accessed.

CPF9820

Not authorized to use library &1.

Top

Work with Point-to-Point TCPIP (WRKTCPPPTP)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IMOD *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Point-to-Point TCP/IP (WRKTCPPPTP) command allows you to display and work with the point-to-point TCP/IP configuration profiles defined on this system.

You can work with all the configuration profiles defined, or a subset of the profiles by using the OPRMODE and CFGPRF parameters. The information shown for each profile includes the name, operating mode, data link layer protocol type, and session status.

The list allows you to add, change, copy, display, or remove point-to-point TCP/IP configuration profiles. You can also start and end point-to-point session jobs.

The following options cannot be used with *PPP linetype profiles:

- Change
- Copy
- Remove
- Display details

The following options can be used with *PPP linetype profiles:

- Start
- End
- Work with line status
- Work with session job

Use the iSeries Navigator interface for Configuration of *PPP Slip or Point to Point profiles.

Restrictions:

- To add, change, or remove a point-to-point configuration profile you must have input/output system configuration (*IOSYSCFG) special authority.
- To start or end a point-to-point session job, you must have use (*USE) authority to the STRTCPPPTP or ENDTCPPPTP command.

Top

Parameters

Keyword	Description	Choices	Notes
CFGPRF	Configuration profile	Character value, <u>*ALL</u>	Optional, Positional 1
OPRMODE	Operating mode	<u>*ANY</u> , *ANS, *DIAL	Optional, Positional 2

Top

Configuration profile (CFGPRF)

Specifies which configuration profiles to show in the list.

***ALL** Show all point-to-point TCP/IP configuration profiles.

generic-name

Specify the generic name of the point-to-point TCP/IP configuration profile. A generic name is a character string of one or more characters followed by an asterisk (*); for example, ABC*. If a generic name is specified, then all profiles with names that begin with the generic name are displayed. If an asterisk is not included, the name is assumed to be a complete point-to-point TCP/IP configuration profile name.

name Specify the name of a specific configuration profile. Only this profile will appear in the list.

Top

Operating mode (OPRMODE)

Specifies the operating mode of the point-to-point TCP/IP configuration profiles to be shown in the list.

***ANY** Any point-to-point TCP/IP configuration profile that matches the configuration profile name specified on the CFGPRF parameter will appear in the list, regardless of operating mode.

***ANS** Only point-to-point TCP/IP configuration profiles with an operating mode of *ANS will appear in the list.

***DIAL**

Only point-to-point TCP/IP configuration profiles with an operating mode of *DIAL will appear in the list.

Top

Examples

Example 1: Displaying all profiles

```
WRKTCPPPTP
```

This command displays the Work with Point-to-Point TCP/IP panel, showing a list containing all the point-to-point TCP/IP configuration profiles defined on this system.

Example 2: Displaying only *DIAL profiles

```
WRKTCPPPTP  OPRMODE(*DIAL)
```

This command displays the Work with Point-to-Point TCP/IP panel, showing a list containing all the point-to-point TCP/IP configuration profiles defined on this system with an operating mode of *DIAL.

Example 3: Displaying only *ANS profiles for a generic name

```
WRKTCPPPTP  CFGPRF(ANSRPF*)  OPRMODE(*ANS)
```

This command displays the Work with Point-to-Point TCP/IP panel, showing a list containing all the point-to-point TCP/IP configuration profiles defined on this system with an operating mode of *ANS that begin with the six characters 'ANSRPF'.

Top

Error messages

*ESCAPE Messages

TCP1A1F

Cannot process request while &3/&2/&1 using &6.

TCP8205

Required object &2/&1 type *&3 not found.

TCP8206

Option &8 not performed. Thread &10 in job &6/&5/&4 is using &1.

TCP8211

Point-to-point profile &1 not found.

TCP8212

Point-to-point profile &1 already exists.

TCP8219

*AUTL &3 conflicts with Use connection dialog script N.

Top

Work with TCP/IP Network Sts (WRKTCPSTS)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

Use the Work with TCP/IP Network Status (WRKTCPSTS) command, also known as NETSTAT, to get information about the status of TCP/IP network routes, interfaces, TCP connections and UDP ports on your local system. You can also use NETSTAT to end TCP/IP connections and to start or end TCP/IP interfaces.

If IP over SNA (IPS) is enabled, NETSTAT displays information about the IP over SNA interfaces, routes, and connections. You can also use NETSTAT to end IP over SNA connections and to start or end IP over SNA interfaces.

To use this command, either the TCP/IP protocol stack or IP over SNA must be active. If neither is active, Netstat issues an escape message.

Top

Parameters

Keyword	Description	Choices	Notes
OPTION	Option	<u>*SELECT</u> , *IFC, *RTE, *CNN	Optional, Positional 1

Top

Option (OPTION)

Specifies which TCP/IP status information you want to work with.

*SELECT

Display the Work with TCP/IP Network Status menu.

***IFC** Display the Work with TCP/IP Interface Status list.

***RTE** Display the Display TCP/IP Route Information list.

***CNN** Display the Work with TCP/IP Connection Status list.

Top

Examples

Example 1: Displaying the Work with TCP/IP Network Status Menu

```
WRKTCPSTS
-or-
WRKTCPSTS  OPTION(*SELECT)
```

Either of these commands will display the Work with TCP/IP Network Status menu.

Example 2: Using the OPTION Parameter

WRKTCPSTS OPTION(*CNN)

This command displays the Work with TCP/IP Connection Status panel.

Example 3: Using a Positional Parameter

WRKTCPSTS *RTE

The OPTION parameter is a positional parameter. The OPTION keyword is not required. This command starts NETSTAT, and the Display TCP/IP Route Information panel is shown.

Top

Error messages

*ESCAPE Messages

TCP2670

Not able to complete request. TCP/IP services are not available.

TCP3844

Data for interface &3 not available.

TCP3881

Data for list not available.

TCP3882

Data not available.

TCP9999

Internal system error in program &1.

Top

Work with TIE (WRKTIE)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Technical Information Exchange (WRKTIE) command shows a menu where you can choose one of the following TIE tasks:

- Send TIE files
- Receive TIE files
- Query TIE files

Top

Parameters

Keyword	Description	Choices	Notes
SPTUSRID	User ID	<i>Name</i>	Required, Positional 1
SPTPWD	Password	<i>Character value</i>	Required, Positional 2
ACCOUNT	Account	<i>Character value, *RTV</i>	Optional

Top

User ID (SPTUSRID)

Specifies the user identifier needed to sign on to the remote support network.

This is a required parameter.

Top

Password (SPTPWD)

Specifies the password needed to sign on to the remote support network.

This is a required parameter.

Top

Account (ACCOUNT)

Specifies the network account number needed to sign on the remote support network. If the account number is not specified, the account number from the contact database is used.

***RTV** The account number from the contact database is used.

account-number

Specify the account number being used.

Examples

```
WRKTIE SPTUSRID(ACME) SPTPWD(11111) ACCOUNT(11420880)
```

This command allows a user whose ID is ACME, whose password is 11111, and whose account number is 11420880 to work with the TIE main menu.

Error messages

None

Work with Time Zone Desc (WRKTIMZON)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Time Zone Desc (WRKTIMZON) command displays a list of time zone description objects.

Restrictions:

- You must have use (*USE) authority to the time zone description in order for it to be displayed in the list.
- You must have *USE authority to the QSYS library.
- If a message is used to specify the abbreviated and full names of the time zone description, you must have *USE authority to the message file and execute (*EXECUTE) authority to the library in order to see the abbreviated and full names.

Top

Parameters

Keyword	Description	Choices	Notes
TIMZON	Time zone description	Generic name, name, <u>*ALL</u>	Optional, Positional 1

Top

Time zone description (TIMZON)

Specifies the time zone descriptions to be included in the list.

*ALL All time zone descriptions are included.

generic-name

Specify the generic name of the time zone descriptions to be included in the list. A generic name is specified as a character string that contains one or more characters followed by an asterisk(*). If a generic name is specified, then all objects that have names with the same prefix as the generic object name are selected.

name Specify the name of the time zone description.

Top

Examples

WRKTIMZON TIMZON(Q*)

This command displays the Work with Time Zone Descriptions panel with a list of all time zone descriptions whose name starts with the letter Q.

Top

Error messages

*ESCAPE Messages

CPF9871

Error occurred while processing.

[Top](#)

Work with Traces (WRKTRC)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Traces (WRKTRC) command can be used to show a panel with the list of existing communications traces, job traces, licensed internal code (LIC) traces and performance explorer (PEX) traces around the system. You can work with the existing traces or start a new trace. When you run this command, the Work with Traces panel is shown.

Restrictions:

- To use this command, you must have service (*SERVICE) special authority, or be authorized to the Service Trace function of the operating system through iSeries Navigator's Application Administration support. The Change Function Usage (CHGFCNUSG) command, with a function ID of QIBM_SERVICE_TRACE, can also be used to change the list of users that are allowed to perform trace operations.

Top

Parameters

Keyword	Description	Choices	Notes
TRC	Trace	Single values: *ALL Other values (up to 4 repetitions): *CMN, *JOB, *LIC, *PEX	Required, Positional 1

Top

Trace (TRC)

Specifies the type of traces to be shown on the Work with Traces panel.

This is a required parameter.

Single values

***ALL** All communications traces, job traces, licensed internal code (LIC) traces and performance explorer (PEX) traces are listed in the Work with Traces panel.

Other values

***CMN** All communications traces are shown in the Work with Traces panel.

***JOB** All job trace session identifiers are shown in the Work with Traces panel. This includes trace sessions started by the Start Trace (STRTRC) command and the Trace TCP/IP Application (TRCTCPAPP) command specifying the **Additional traces (ADLTRC)** parameter.

***LIC** All LIC traces are shown in the Work with Traces panel. This includes traces started by the Trace Internal (TRCINT) command, the Trace Connection (TRCCNN) command, the Trace TCP/IP Application (TRCTCPAPP) command specifying the **Additional traces (ADLTRC)** parameter, the Start System Service Tools (STRSST) command, or the Start DST (STRDST) command.

***PEX** All PEX traces are shown in the Work with Traces panel.

[Top](#)

Examples

```
WRKTRC TRC(*LIC)
```

This command displays the Work with Traces panel, showing all traces started issuing the Trace Internal (TRCINT) command, the Trace Connection (TRCCNN) command, the Trace TCP/IP Application (TRCTCPAPP) command specifying the **Additional traces (ADLTRC)** parameter, the Start System Service Tools (STRSST) command, and Start DST (STRDST) command.

[Top](#)

Error messages

*ESCAPE Messages

CPF98A2

Not authorized to &1 command.

[Top](#)

Work with User Jobs (WRKUSRJOB)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with User Jobs (WRKUSRJOB) command allows you to work with a list of selected user jobs.

Depending on the values you specify on the STATUS, ASTLVL, and JOBTYPED parameters, you can use this command to perform the following tasks:

- From the Work with Signed-On Users display, you can select options to send messages to or sign off users who are signed on the system. You can also select options to display messages or display details about signed-on users. To show the Work with Signed-On Users display, specify STATUS(*ACTIVE), ASTLVL(*BASIC), and JOBTYPED(*INTERACT).
- From the Work with Jobs display, you can show the status of all batch jobs on the system. You can select options to hold, end, or release the jobs shown. You can also select options to work with printer output or display messages. To show the Work with Jobs display, specify any value for the STATUS parameter, ASTLVL(*BASIC), and JOBTYPED(*BATCH).
- From the Work with User Jobs display, you can show the status of user jobs running on the system and of user jobs that are on job queues or output queues. You can select options to change, hold, end, work with, release, or disconnect the jobs shown. You can also select options to work with spooled files and display messages. To show the Work with User Jobs display, specify one of the following:
 - ASTLVL(*INTERMED) and any value for the STATUS and JOBTYPED parameters
 - ASTLVL(*BASIC), JOBTYPED(*INTERACT), and either STATUS(*ALL), STATUS(*JOBQ), or STATUS(*OUTQ)
 - ASTLVL(*BASIC), JOBTYPED(*ALL), and any value for the STATUS parameter

Top

Parameters

Keyword	Description	Choices	Notes
USER	User whose jobs to display	Name, *, *ALL	Optional, Positional 1
STATUS	Status of user jobs	*ALL, *ACTIVE, *JOBQ, *OUTQ	Optional, Positional 2
OUTPUT	Output	*, *_ , *PRINT	Optional, Positional 3
JOBTYPED	Job type	*ALL, *INTERACT, *BATCH	Optional
ASTLVL	Assistance level	*PRV, *USRPRF, *BASIC, *INTERMED	Optional

Top

User whose jobs to display (USER)

This parameter allows you to work with user jobs defined by the user profile which initiated the job. User jobs include interactive jobs, submitted batch jobs, communications-evoked batch jobs, MRT batch jobs, and autostart jobs. User jobs do not include system jobs, subsystem monitor jobs, spooling readers, or spooling writers.

*
_ User jobs with the current user profile are displayed.

***ALL** User jobs with all user profiles are displayed.

user-profile name

Specify the name of a user profile. User jobs with the specified user profile are shown.

Top

Status of user jobs (STATUS)

Specifies the status of the user jobs being worked with.

***ALL** User jobs of any status are displayed, including jobs on job queues, active jobs, and jobs on output queues.

***JOBQ**
Only user jobs that are on job queues are displayed.

***ACTIVE**
Only user jobs that are active are displayed, including all group jobs and system request jobs. You must specify STATUS(*ACTIVE) to show the Work with Signed-On Users display.

***OUTQ**
Only user jobs that have completed running but still have output on an output queue, are displayed.

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output.

*
_ The output is displayed for interactive jobs or printed with the job's spooled output for non-interactive jobs.

***PRINT**
The output is printed with the job's spooled output.

Top

Job type (JOBTYPE)

Specifies the type of the user jobs shown.

***ALL** All types of user jobs are shown, including interactive jobs and batch jobs. If JOBTYPE(*ALL) is specified, the ASTLVL parameter is ignored.

***INTERACT**
Only interactive user jobs are shown. You must specify JOBTYPE(*INTERACT) to show the Work with Signed-On Users display. If you also specify ASTLVL(*BASIC), interactive jobs shown include suspended group jobs and signed-off users with printer output waiting to print.

***BATCH**
Only batch user jobs are shown, including prestart jobs, batch immediate jobs, and 36EE MRT jobs. You must specify JOBTYPE(*BATCH) to show the Work with Jobs display.

Top

Assistance level (ASTLVL)

Specifies which user interface to use.

***PRV** The previous user interface is used.

***USRPRF**

The user interface specified for the **Assistance level** (ASTLVL) parameter of your user profile is used. If *ADVANCED is specified in the user profile, *INTERMED is used.

***BASIC**

The Operational Assistant user interface is used.

***INTERMED**

The system user interface is used.

Top

Examples

Example 1: Working with a List of Selected Jobs

```
WRKUSRJOB  USER(PGMR12)
```

This command allows you to work with a list of jobs that are running with the user profile name PGMR12.

Example 2: Working with a List of All Jobs

```
WRKUSRJOB  USER(*ALL)  STATUS(*JOBQ)
```

This command allows you to work with a list of all the jobs on job queues.

Example 3: Working with a List of Interactive Jobs

```
WRKUSRJOB  USER(*ALL)  STATUS(*ACTIVE)  
           JOBTYP(*INTERACT)  ASTLVL(*BASIC)
```

This command allows you to work with a list of signed-on users that includes signed-off users with printer output and suspended interactive group jobs.

Top

Error messages

*ESCAPE Messages

CPF1E50

Not all jobs displayed.

CPF1E51

Job queue &1 in library &2 not found.

CPF1E99

Unexpected error occurred.

CPF1003

Subsystem &1 not active.

CPF9845

Error occurred while opening file &1.

CPF9846

Error while processing file &1 in library &2.

CPF9847

Error occurred while closing file &1 in library &2.

CPF9850

Override of printer file &1 not allowed.

CPF9851

Overflow value for file &1 in &2 too small.

CPF9871

Error occurred while processing.

[Top](#)

Work with User Profiles (WRKUSRPRF)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with User Profiles (WRKUSRPRF) command allows you to specify the name of one or more user profiles you want shown.

Restrictions:

- Only the user profiles to which you have some authority will be shown.
- To perform operations on the user profiles, you must have *USE authority to the command used by the operation, and the appropriate authority to the user profile on which the operation is to be performed.

Top

Parameters

Keyword	Description	Choices	Notes
USRPRF	User profile	<i>Qualifier list</i>	Required, Positional 1
	Qualifier 1: User profile	<i>Generic name, name, *ALL</i>	
ASTLVL	Assistance level	<u>*PRV</u> , *BASIC, *INTERMED, *USRPRF	Optional

Top

User profile (USRPRF)

Specifies the user profiles to be shown.

This is a required parameter.

***ALL** All user profiles that you own or have authority to view are shown.

generic-name

Specify the generic name of the user profiles to be shown. A generic name is a character string that contains one or more characters followed by an asterisk (*). If a generic name is specified, all user profiles that have names with the same prefix as the generic name are shown.

name Specify the name of the user profile to be shown.

Top

Assistance level (ASTLVL)

Specifies which user interface to use.

***PRV** The previous user interface used is shown.

***BASIC**

The Operational Assistant user interface is used.

***INTERMED**

The system user interface is used.

***USRPRF**

The user interface specified for the **Assistance level (ASTLVL)** parameter when your user profile was created is used.

Top

Examples

WRKUSRPRF USRPRF(RS*)

This command displays the Work with User Profiles panel, showing a list of user profiles whose names begin with the letters 'RS'.

Top

Error messages

***ESCAPE Messages**

CPF1E60

Not authorized to do request.

CPF1E91

Option 50 cannot contain information if N specified.

Top

Work with User Tables (WRKUSRTBL)

Where allowed to run: Interactive environments (*INTERACT
*IPGM *IREXX *EXEC)
Threadsafe: No

Parameters
Examples
Error messages

The Work with User Tables (WRKUSRTBL) command allows you to work with finance user tables. Once they are created, you can add or delete user IDs in the tables. Several finance user tables can be defined. Each table must have a unique name.

Finance user table updates can be accessed by any finance job that is submitted after all changes are completed.

Restriction: This command is shipped with public *EXCLUDE authority.

Top

Parameters

Keyword	Description	Choices	Notes
USRTBL	User table	<i>Name</i> , *SELECT, <u>*ALL</u>	Optional, Positional 1
TEXT	Text 'description'	<i>Character value</i> , <u>*BLANK</u>	Optional

Top

User table (USRTBL)

Specifies the name of a table that contains finance user IDs.

The possible values are:

*ALL Displays all of the user tables currently defined.

***SELECT**

The list of existing user table entries is shown. Through this display you can create, change, delete or display existing user tables.

user-table-name

Specify the name of the user table that you want to work with.

Top

Text 'description' (TEXT)

Specifies the text that briefly describes the object.

The possible values are:

***BLANK**

No text is specified.

'description'

Specify no more than 50 characters of text, enclosed in apostrophes.

Top

Examples

Example 1: Working With All Finance User Tables

```
WRKUSRTBL  USRTBL(*SELECT)
```

This command allows you to work with the names of all finance user tables. You can create a new table, select an existing table for update, or delete or display tables on the Work with User Table panel.

Example 2: Working With One User Table

```
WRKUSRTBL  USRTBL(USRTBL1)
```

This command allows you to work with the finance user table USRTBL1. From the Work with User Table panel, you can create, change, delete, or display a finance user table.

Top

Error messages

*ESCAPE Messages

CPF8379

Error while processing file &1 in &2.

CPF8380

Error while opening file &1 in &2.

CPF8381

Error while closing file &1 in &2.

Top

Work with Watches (WRKWCH)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Watches (WRKWCH) command can be used to show a panel with the list of active watches around the system. An active watch can be a watch started issuing Trace Internal (TRCINT), Start Trace (STRTRC), Trace Connection (TRCCNN), Trace TCP/IP Application (TRCTCPAPP), and Start Communications Trace (STRCMNTRC) commands specifying watches parameters, or a session started using Start Watch (STRWCH) command, or using Start Watch (QSCSWCH) API.

When you run this command, the Work with Watches panel is shown. From this display you can end an active watch or start a new one. Also the watches being ended are shown.

Restrictions:

- To use this command, you must have service (*SERVICE) special authority, or be authorized to the Service Trace function and Service Watch function of the operating system through iSeries Navigator's Application Administration support. The Change Function Usage (CHGFCNUSG) command, with a function ID of QIBM_SERVICE_TRACE and QIBM_SERVICE_WATCH, can also be used to change the list of users that are allowed to perform trace operations.

Top

Parameters

Keyword	Description	Choices	Notes
WCH	Watch	Single values: *ALL Other values (up to 3 repetitions): *SRVMON, *STRWCH, *TRCCMD	Required, Positional 1

Top

Watch (WCH)

Specifies the watches to be shown on the Work with Watches panel.

This is a required parameter.

Single values

***ALL** All active watches are shown in the Work with Watches panel.

Other values

*SRVMON

Active watches started using the Service Monitor function of the operating system are shown.

*STRWCH

Active watches started using the Start Watch (STRWCH) command or the Start Watch (QSCSWCH) API are shown.

***TRCCMD**

Active watches started using Start Communications Trace (STRCMNTRC), Start Trace (STRTRC), Trace Internal (TRCINT), Trace Connection (TRCCNN) and Trace TCP/IP Application (TRTCPAPP) commands are shown.

Top

Examples

WRKWCH WCH(*TRCCMD)

This command displays the Work with Watches panel, showing all watch sessions started via watches parameters specified in Trace Internal (TRCINT), Trace Connection (TRCCNN), Start Communications Trace (STRCMNTRC), Trace TCP/IP Application (TRTCPAPP) and Start Trace (STRTRC) commands.

Top

Error messages

***ESCAPE Messages**

CPF39E6

The user does not have the required authority.

CPF98A2

Not authorized to &1 command.

Top

Work with Writers (WRKWTR)

Where allowed to run: All environments (*ALL)
Threadsafe: No

Parameters
Examples
Error messages

The Work with Writers (WRKWTR) command gives the status of printers and writers. This can be the overall status of all writers, the overall status of all printers (along with writer information for these printers), or the detailed status of a specific writer. The status of the writers may change while the command is running.

Top

Parameters

Keyword	Description	Choices	Notes
WTR	Writer	Generic name, name, <u>*PRT</u> , *ALL	Optional, Positional 1
OUTQ	Output queue	Single values: *ALL Other values: <i>Qualified object name</i>	Optional, Positional 2
	Qualifier 1: Output queue	<i>Name</i>	
	Qualifier 2: Library	<i>Name</i> , *LIBL, *CURLIB	
OUTPUT	Output	<u>*</u> , *PRINT	Optional
DSPFMT	Display format	*INLENV, *S36FMT, *NORMAL	Optional
ASTLVL	Assistance level	*PRV, *USRPRF, *BASIC, *INTERMED	Optional

Top

Writer (WTR)

Specifies the spooling writer for which detailed information is displayed, or specifies that the main attributes and status of **all** spooling writers or all printers are to be displayed.

***PRT** A list of all printers is displayed along with information about the writers started to the printers.

***ALL** The attributes and the current status of all spooling writers are displayed.

name Specify the name of the spooled writer for which the detailed information is shown.

Top

Output queue (OUTQ)

Specifies the output queue from which writers have been started. Writers that are started from this output queue are shown.

This parameter is valid only if WTR(*ALL) is specified.

Single values

***ALL** Work with writers started to all output queues.

Qualifier 1: Output queue

name Specify the name of the output queue from which writers have been started. Writers that are started from this output queue are shown.

Qualifier 2: Library

***LIBL** All libraries in the library list for the current thread are searched until the first match is found.

***CURLIB**

The current library for the thread is searched. If no library is specified as the current library for the thread, the QGPL library is searched.

name Specify the name of the library to be searched.

Top

Output (OUTPUT)

Specifies whether the output from the command is displayed at the requesting work station or printed with the job's spooled output on a printer. If the System/36 display format is selected through the **Display format (DSPFMT)** parameter, this parameter is ignored. The data is presented at your terminal.

***** The output is displayed (if requested by an interactive job) or printed with the job's spooled output (if requested by a batch job).

***PRINT**

The output is printed with the job's spooled output.

Note: ***PRINT** cannot be specified if you are using an S/36 environment. If the command is run interactively, the output will be displayed but not printed. If the command is run in batch, an error message will be sent and no output will be produced.

Top

Display format (DSPFMT)

Specifies the format and terminology to be used on the displays that result from entering this command. This parameter is valid only if ***PRT** was specified on the **Writer** prompt (WTR parameter).

***INLENV**

The format and terminology to be used is determined by the SPCENV (special environment) value specified in your user profile. If the SPCENV value is ***S36**, the System/36 terminology is used. All other values will result in this system's terminology being used.

***S36FMT**

System/36 terminology is used to present the information.

***NORMAL**

This system's terminology is used to present the information.

Top

Assistance level (ASTLVL)

Specifies which user interface to use.

***PRV** The previous user interface used is shown.

***USRPRF**

The user interface specified on the **Assistance level (ASTLVL)** parameter of your user profile is used.

***BASIC**

The Operational Assistant user interface is used.

***INTERMED**

The system user interface is used.

Top

Examples

Example 1: Working With the Status of All Printers and Writers

```
WRKWTR  WTR(*ALL)
```

This command displays the Work with All Printers panel. From this panel, you can work with the status of all printers and writers.

Example 2: Working With the Status of One Writer

```
WRKWTR  WTR(DISKWRITE)
```

This command allows you to work with detailed information about writer DISKWRITE.

Top

Error messages

***ESCAPE Messages**

CPF0941

Job &3/&2/&1 no longer in system.

CPF1E99

Unexpected error occurred.

CPF1070

Job &3/&2/&1 not found.

CPF1071

No authority to job &3/&2/&1.

CPF3302

Override of print file &1 to file &2 not valid.

CPF3313

Writer &1 not active nor on job queue.

CPF3330

Necessary resource not available.

CPF3336

Job &5/&4/&3 no longer in the system.

CPF3388

System/36 display format not allowed in batch.

CPF3357

Output queue &1 in library &2 not found.

CPF34B6

More than one printer was selected

CPF34B7

Printer must be selected from list of printers.

CPF9845

Error occurred while opening file &1.

CPF9846

Error while processing file &1 in library &2.

CPF9871

Error occurred while processing.

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