



SYSTEMS MANAGEMENT

Entire Operations

Reference

Version 3.2.1

 **SOFTWARE AG**



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This document applies to Version 3.2.1 of Entire Operations and to all subsequent releases. Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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Reference Documentation - Overview

This documentation covers the following topics:

-  **Direct Commands** Lists and describes the direct commands in alphabetical order, which are used to access any Entire Operations function directly from any screen that displays the command line.

For details on how to navigate within the documentation, see [Using the Documentation](#).

Direct Commands

This section covers the following topics:

- Direct Commands Overview
- ACTIVITY
- ADD
- EDIT
- FIN
- HELP
- LIST
- LOG
- LOGON
- MAIL
- MENU
- MODIFY
- QUIT
- REPORTS
- SET
- STATUS
- TECH
- WHERE
- XREF

Direct Commands Overview

The commands are sorted in alphabetical order by their names.

All of the functions described in the preceding sections can be performed using line commands and PF keys on the Entire Operations menu screens. This menu-driven mode of work makes it unnecessary to memorize long command sequences. Navigating through the system is thus made easy for less experienced personnel or in cases where network maintenance requires a step-by-step approach.

However, a more compact mode of work is also available through the use of direct commands which can be issued at any time. You can access any Entire Operations function directly with a direct command from any screen which displays the command line. Subsequent functions can be accessed with direct commands or in menu mode as desired. You can thus use direct commands to bypass the sometimes long process of moving through the Entire Operations menu hierarchy.

Direct commands have the following format:

COMMAND OBJECT PARAMETER

where OBJECT refers to an Entire Operations object, and PARAMETER is a further specification, usually the name of the object. The OBJECT and PARAMETER notations can be optional or mandatory, depending on the command.

This section contains a comprehensive description of each available command and a complete overview of command syntax.

In the command syntax, optional command parameters are enclosed in square brackets []. Braces { } indicate that a choice of parameter must be made; only one of the parameters enclosed within braces can be used.

A combination of square brackets and braces [{ }] indicates that the enclosed parameters are optional, but if you wish to specify one, only one can be selected.

If you must specify a system object in the command parameters (network, job, calendar, symbol table etc.), Entire Operations provides easy selection through the use of the asterisk * as wildcard:

1. Enter an asterisk * instead of the required name parameter.
2. Press Enter.
3. A selection window opens, which lists all available object names.

OR

1. Enter, for example, ABC*.
2. Press Enter.
3. A selection window opens, which lists all object names with the string ABC as prefix.

The following subsections describe direct commands in alphabetical order. In the command syntax, shortest possible abbreviations of command keywords and parameters are underlined. Command keywords and mandatory object types appear in upper case to distinguish them as required notations. You can enter them in lower case, depending on your installation.

ACTIVITY

The ACTIVITY direct command allows you to start the permanent activity display of Entire Operations directly.

The command format is:

<u>ACTIVITY</u>

When you invoke this command, the following window opens:

```

30.03.00          *** Entire Operations 3.2.1 ***          14:44:55
Owner EXAMPLE          Main Menu          User ID BRY
-----
Main Menu          DC Solutions

1 Networ +-----+ (V132)
2 Active !          ! t (V134)
3 Calend !          ENTIRE OPERATIONS Activity Display !
4 Log In !          !
5 Symbol ! Query Interval (in minutes) ==> 60___ !
6 System !          !
7 Report ! The query interval is the time span until the !
8 Import ! next interruption query by the activity display. !
9 Help ! In between, it can only be interrupted from !
! another terminal running ENTIRE OPERATIONS. !
! !
! PF3 End !
! !
! !
Command => +-----+
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
Help          End          Owner Mail

```

Enter the Query Interval in minutes and press Enter.

The following screen appears:

```

30.03.00          *** Entire Operations 3.2.1 ***          14:47:11
Date 30.03.00          Activity Display          Monitor active 14:46:59
from 14:00:08          Display Interval 20 sec. Next Interrupt 14:51:29
-----
Network   Job          Run JobId Time Message
E40-REC-01 E40-J03      1036      14:00 Latest Start 30.03 14:00 exceeded
E40-REC-01 E40-J99999  1036      14:00 Latest Start 30.03 14:00 exceeded
UIX-TEST          2          14:42 File Deletion - Node 501 not active
UIX-TEST          2          14:42 ...

***** Bottom of Data *****

```

The Query Interval is equivalent to the Monitor and cannot be changed.

When the Query Interval has expired, you can restart the Activity Display by entering Y in the following window and pressing Enter:

```

30.03.00          *** Entire Operations 3.2.1 ***          14:52:48
Date 30.03.00          Activity Display          Monitor active 14:52:33
from 14:00:08          Display Interval 20   sec.   Next Interrupt 14:53:05
-----
Network   Job           Run JobId Time  Message
E40-REC-01 E40-J03       1036      14:00 Latest Start 30.08 14:00 exceeded
E40-REC-01 E40-J99999    1036      14:00 Latest Start 30.08 14:00 exceeded
UIX-TEST           2           14:42 File Deletion - Node 501 not active
UIX-TEST           2           14:42 ...

+-----+
!
! Activity Display was interrupted !
!
! Restart ==> Y (Y,N) !
!
+-----+

***** Bottom of Data *****

```

Activity monitoring is described in Section System Administrator Services of the Entire Operations Administration Documentation.

ADD

The ADD direct command allows you to define any Entire Operations object from any system screen.

The command format is:

```

ADD {
  USER
  NETWORK
  JOB      [network ]
  INCONDITION [job ] [network ]
  EOJ      [job ] [network ]
  CALENDAR
  TABLE
  BESOURCE
  NODE      [network ]
  CONDITION
}

```

where:

Parameter	Description
job	Name of the job to which the object belongs.
network	Name of the network to which the object belongs
*	Opens a selection window with a list of available object names.

If you issue the command from a system screen in the Network and Job Maintenance facility and omit the **network** or **job** name parameter, the current network and/or job is selected.

EDIT

The EDIT command provides direct access to the Entire Operations Editor to edit JCL, NATURAL programs or text descriptions at the network and job level. After editing the specified object, you can press PF3 (End) to return to the screen from which you issued the EDIT command.

The command format is:

EDIT	<table style="border: none;"> <tr> <td style="font-size: 2em; vertical-align: middle;">{</td> <td style="padding: 0 5px;">JCL</td> <td style="font-size: 2em; vertical-align: middle;">}</td> <td style="padding: 0 10px;">[[</td> <td style="padding: 0 5px;">name</td> <td style="padding: 0 5px;">]]</td> <td style="padding: 0 10px;">[[</td> <td style="padding: 0 5px;">network</td> <td style="padding: 0 5px;">]]</td> </tr> <tr> <td style="font-size: 2em; vertical-align: middle;">{</td> <td style="padding: 0 5px;">NPROSE</td> <td style="font-size: 2em; vertical-align: middle;">}</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="font-size: 2em; vertical-align: middle;">{</td> <td style="padding: 0 5px;">JPROSE</td> <td style="font-size: 2em; vertical-align: middle;">}</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	{	JCL	}	[[name]]	[[network]]	{	NPROSE	}							{	JPROSE	}						
{	JCL	}	[[name]]	[[network]]																				
{	NPROSE	}																										
{	JPROSE	}																										

where:

Parameter	Description
name	Name of the object to be edited. (Not required if the object is NPROSE.)
network	Name of the network to which the object belongs
*	Opens a selection window with a list of available object names.

If you issue the EDIT command from the Network and Job Maintenance facility and omit the **network** or **name** parameter, the current network and/or job is selected.

FIN

You can exit Entire Operations with the FIN command.

FIN

HELP

The HELP direct command displays long message text.

Prefixes of message keys:

Parameter	Description
EOR	Entire Operations
NAT	Natural
other	BS2000

The command format is:

```
HELP [MSG msg-id]
```

where:

Parameter	Description
msg-id	A 7-character message message key of Natural, Entire Operations or BS2000.

LIST

The LIST direct command provides direct access to a list of the selected object type. You can perform available functions on the object as normal and press PF3 (End) to return to the screen from which you issued the LIST command.

The command format is:

```
LIST {
  USERS
  NETWORKS
  JOBS          [network ]
  INCONDITIONS [job ] [network ]
  EOJ          [job ] [network ]
  CALENDARS
  TABLES
  RESOURCES
  NODES
  MAILBOX
  ACTIVE       [network ]
  CONDITIONS
}
```

where:

Parameter	Description
job	Name of the job to which the object list belongs (input conditions, events in end-of-job handling, dependencies).
network	Name of the network to which the object belongs (jobs, input conditions, end-of-job handling, active jobs, dependencies).
*	Opens a selection window with a list of available object names. You can precede the asterisk with a prefix to list object names starting with that prefix.

Examples: LIST

- For example, the command:

```
LIST ACTIVE NETWORK1
```

displays the list of active jobs in the job network NETWORK1.

- The command:

```
LIST NETWORKS DEMO*
```

lists all networks with names starting with DEMO.

If you issue the LIST command from the Network and Job Maintenance facility and omit the **job** or **network** name parameter, the current network and/or job is selected.

LOG

Invokes the Log Selection Display in which you can specify the required log. Press PF3 (End) to return to the screen from which you issued the LOG command.

The command format is:

```
LOG
```

LOGON

The LOGON direct command allows you to issue an explicit logon for an Entire System Server or SAP R/3 system.

The command format is:

```
{ LOGON } { SERVER node number }
{ LOGIN } { R3 node number }
```

After this command has been issued a logon screen appears. See also screen for SAP R/3 system.

Note:

The command LOGIN (for all operating systems) produces the same result as the command LOGON.

MAIL

Displays the contents of the user's mailbox.

The command format is:

MAIL

MENU

Returns directly to the Main Menu from any screen in Entire Operations.

The command format is:

MENU

MODIFY

The MODIFY direct command provides direct access to Entire Operations definition screens containing current values of the selected object. When you have modified the object, press PF3 (End) to return to the screen from which you issued the MODIFY command.

The command format is:

MODIFY	{	USER	[userid]	}
		NETWORK	[network]	}
		JOB	[job] [network]	}

where:

Parameter	Description
job	Name of the job to be modified.
network	Name of the network to be modified.
userid	Entire Operations user ID.
*	Opens a selection window with a list of available object names (see explanation of LIST).

If you issue the MODIFY command from the Network and Job Maintenance facility and omit the **job** or **network** name parameter, the current network and/or job is selected.

QUIT

Quits Entire Operations from any screen in the program.

The command format is:

QUIT

REPORTS

The REPORTS direct command provides direct access to the Reporting Menu of the Entire Operations Reporting facility.

The command format is:

REPORTS

SET

The SET direct command allows you to change certain system settings directly from any system screen that contains the direct command line.

The command format is:

SET	<table> <tr> <td>LANGUAGE</td> <td>{ 1 2 }</td> </tr> <tr> <td>MAILBOX</td> <td>{ ON OFF }</td> </tr> <tr> <td>ACTIVE</td> <td>{ A/E/I/O/N/S/T/W }</td> </tr> <tr> <td>OWNER</td> <td>{ * <owner> }</td> </tr> </table>	LANGUAGE	{ 1 2 }	MAILBOX	{ ON OFF }	ACTIVE	{ A/E/I/O/N/S/T/W }	OWNER	{ * <owner> }
LANGUAGE	{ 1 2 }								
MAILBOX	{ ON OFF }								
ACTIVE	{ A/E/I/O/N/S/T/W }								
OWNER	{ * <owner> }								

where:

Parameter	Description	
<u>L</u> ANGUAGE	Sets the language of the Entire Operations screens and messages. Possible options:	
	1	English
	2	German
<u>M</u> AILBOX	Specifies automatic notification of pending conditions via mailbox when you wish to display the Entire Operations Main Menu. Possible options:	
	ON	Automatic notification.
	OFF	No notification..
<u>A</u> CTIVE	Sets the active database selection criteria. Possible options:	
	A	Display all active jobs.
	E	Display all currently running jobs.
	I	Display all jobs in JES input queue.
	N	Display all jobs that terminated not OK.
	O	Display all jobs that terminated OK.
	S	Display all submitted jobs.
	T	Display all terminated jobs.
	W	Display all jobs with pending prerequisites.
<u>O</u> WNER	Changes the current owner name. You can access all definitions belonging to the new owner name, if you are authorized to do so in the Grant User option. Enter an asterisk * for a list of available owners.	
	owner	The new owner name.

Example: SET

For example, the command:

```
SET MAILBOX OFF
```

deactivates the automatic notification of pending conditions when you wish to display the Entire Operations Main Menu.

STATUS

The STATUS command allows you to perform certain system functions. When you have issued the command, the Entire Operations Monitor handling window opens. You can now enter the appropriate instruction.

The command format is:

STATUS	{	MONITOR	}
		NODES	
		ACTIVE	}

where:

Parameter	Description
<u>M</u> ONITOR	Displays the Entire Operations Monitor handling window. You can start and stop the Monitor from this window (see the System Administrator Services).
<	Note: Even if under the user's profile settings for Administrator Functions, Monitor Start/Shutdown is set to N , this command allows a check of Monitor status.
<u>N</u> ODES	Displays the status of all defined Entire System Server nodes (see next page).
<u>A</u> CTIVE	Opens the window for handling Entire Operations activity monitoring (see Section System Administrator Services / Special Functions of the Entire Operations Administration Documentation).

NODES Option

If you specify the NODES option in the STATUS command, the status of all defined Entire System Server nodes is displayed in a window like this:

```

28.04.00          *** Entire Operations 3.2.1 ***          10:29:49
Owner SN                               Main Menu          User ID BRY
-----
+-----+
!                                     !
!           Status of ENTIRE SYSTEM SERVER Nodes at 10:30           !
!                                     !
1  !                                     !
2  ! Node Name      OpSys      TD   ESY A L LogonUID Status  Checked ! )
3  !   31 BS2000    BS2000                                not chkd  !
4  !   33 DOS-VSE   DOS/ESA                                not chkd  !
5  !   38 BS2 131   BS2000                                not chkd  !
6  !   53 NOP122    MVS/XA                                not chkd  !
7  !   69 E-M/C     MSP/EX                                not chkd  !
8  !   81 VSE PJ    DOS/ESA                                not chkd  !
9  !  146 XCNOPl40  MVS/ESA           134 X X      active   10:29  !
10 !  148 F-MC      MVS/ESA                                not chkd  !
   !  193 DUEVSE    DOS/370                                not chkd  !
   !                                     !
   !                                     !
   !                                     !
Comma ! ----- !
Enter- ! PF3 End      PF5 Force Check          ! ---
+-----+

```

Column Headings: Status of Entire System Server Nodes

Meaning of the column headings:

Column	Description
Node	Node number.
Name	Logical node name.
OpSys	Operating system on node.
TD	Time difference, in hours, to Monitor.
ESY	Entire System Server version.
A	If marked: AUTOLOG=YES is active on node.
L	If marked: logon was made to the node.
Status	Status of last Entire System Server call.
Checked	Time of last status check.

Special PF Keys: Status of Entire System Server Nodes

Key	Name	Function
PF5	Force Check	Refresh status display, if last check was made some time ago.

TECH

The TECH command displays the internal environment of the user in Entire Operations.

The command format is:

TECH

WHERE

You can use the WHERE direct command to display logical conditions and the jobs for which they are defined. Press PF3 (End) to return to the screen from which you issued the WHERE command.

The command format is:

WHERE	<table border="1"> <tr> <td style="text-align: center;">IN</td> </tr> <tr> <td style="text-align: center;">OUT</td> </tr> <tr> <td style="text-align: center;">name</td> </tr> </table>	IN	OUT	name
IN				
OUT				
name				

where:

Parameter	Description
IN	Displays all defined input conditions.
OUT	Displays all defined output conditions.
name	Displays condition name and the jobs for which it is defined as an input and output condition.

XREF

The XREF command allows you to display cross references for user routines.

The command format is:

XREF

See also the subsection Cross-References in Section Reporting.