

# Defining the Logical Environment

This section covers the following topics:

- First Steps
- Defining a Message Range
- Defining a Logical Console
- Defining an Excluded Message Range
- Defining an Included Message Range
- Defining a Logical Console Layout

## First Steps

This section contains a full description of all items that can be specified for each Entire Event Management object in the Logical Environment. An explanation of each object type is contained in Section Concepts and Facilities.

The Entire Event Management Logical Environment consists of the objects:

- Message Range
- Logical Console
- Logical Console Layout

### To begin

- Select the object types for Environment by placing the cursor on the Environment option under the heading Administration on the Main Menu and pressing Enter.

The Environment Menu appears.

## Environment Menu

```

14:57:32                *** ENTIRE EVENT MANAGEMENT ***                16.07.96
                        - Environment Menu -

Physical Environment

 1 ENTIRE SYSTEM SERVER Node
 2 Server

Logical Environment

 3 Message Range
 4 Logical Console
 5 Logical Console Layout

. Exit
? Help
* Commands

Command ==> _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help           Exit Flip                                     Menu

```

## Defining a Message Range

A Message Range is a kind of **filter** for the message-logging process and describes a set of messages to be displayed in a Logical Console. A Message Range is the summary of all messages which satisfy all range conditions that have been defined.

### List Message Ranges

▶ To **ADD, COPY, DELETE, DISPLAY, MODIFY or RENAME** a Message Range

- Place the cursor on the **Message Range** option under the heading **Logical Environment** on the Environment Menu and press Enter.

The List Message Range screen appears:

#### List Message Range

```

16:35:14                *** ENTIRE EVENT MANAGEMENT ***                16.07.96
                        - List Message Range -

Cmd Name                R Message   Job        Console
* _____ * * _____ * _____ *
** ***** top of data *****
___ Act-Intervention-Required      +.....      I Operator
___ Act-Reply-Messages             X +.....      I Operator
___ Inf-COMLETE-Commands                COMPLETE I InfCmds
___ Inf-Performance-Class-Changes      I InfCmds
___ Net-CICS-Messages                 +DFH*        I Network
___ Net-COMLETE-Messages              ZVT*         I Network
___ Net-VTAM-Messages                 IST*         I Network
** ***** bottom of data *****

Command ==> _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Add   Exit Flip Rfind                Down                Menu
    
```

This screen lists all the Message Ranges that have already been defined.

#### Available Local Commands: List Message Range

Add	Down	Find	Locate	Rfind	Top
-----	------	------	--------	-------	-----

#### Available Line Commands: List Message Range

Line Command	Explanation
CO	Copy Message Range definition.
DE	Delete Message Range definition.
DI	Display Message Range definition.
MO	Modify Message Range definition.
RN	Rename Message Range definition.

## Field Descriptions: List Message Range

You can use an asterisk (\*) to enter selection criteria for the list contents of the fields marked with an asterisk below.

- **Cmd**  
In the command line preceding the range you want to process, enter **DI** to display, **MO** to modify or **DE** to delete it. Press Enter.
- **Name \***  
Name of the Message Range.
- **R \***  
This is the reply indicator:  
\* = list all ranges regardless of indicator  
(blank) = list only those ranges without an indicator  
**X** = list only those ranges with an indicator
- **Message \***  
Message ID. A plus sign (+) appears, if the Message Range is defined by more than one Message ID.
- **Job \***  
A plus sign (+) appears, if the Message Range is defined by more than one job.
- **Console \***  
The letter in the first column under this heading indicates whether the range is linked to a Logical Console and how it is linked:  
**I** = linked as an Included Message Range  
**X** = linked as a Excluded Message Range

The names of the Logical Consoles to which the Message Ranges are linked are listed in the second column. A plus sign (+) appears, if the Message Range is linked to more than one Logical Console.

## Add a Message Range

### To ADD a new Message Range

1. Press PF2 (Add).

The Add Message Range screen appears:

### Add Message Range

```

13:44:18                *** ENTIRE EVENT MANAGEMENT ***                16.07.96
                        - Add Message Range -

Name ..... _____ created ...
> Comment .. _____ modified ..

Representation
  Color ..... _ Prefix .. _ Attr .. _

Conditions
  Replies ... _
> Messages .. _____
                _____
                _____

Tokens .... _____ Pos .. _ and _____ Pos .. _
                _____ Pos .. _ and _____ Pos .. _

Jobs ..... _____ or _____ or _____ or _____

NCL0644 Please enter Name to add Message Range.

Command ===> _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help      Exit Flip Do                                Menu
    
```

**Available Local Commands: Add Message Range**

+Comment	Do	+Message
----------	----	----------

2. Enter a name in the Name field and press Enter. You can now enter data for other fields. You can ZOOM on the >Comment and >Message fields to enter more data (see the subsection ZOOM Feature). in Section Using Entire Event Management.

**Field Descriptions: Add Message Range**

**Representation**

Enter Representation parameters for all messages fulfilling the range conditions. All messages which fall into the range are displayed in the color and with the prefix and attribute you select. However, if you have defined different Representation parameters for the Included Message Range, then those parameters override your entries here. For further information on Included Message Ranges, see the subsection Defining an Included Message Range.

- **Color**  
Enter a question mark (?) in the two-character field and press Enter or place the cursor on the field and press PF1 to display the following help window:

**Color - Field Help**

```

14:25:42                *** ENTIRE EVENT MANAGEMENT ***                16.07.96
                        - Add Message Range -

Name ..... Inf-NETPASS-Response-Times_____ created ... 16.07.1996
> Comment .. _____ +-----+
                        !           - Field Help -                       !
Representation         !           !
Color ..... ?_ Prefix .. ! Sel Value/Description                         !
                        !           !
Conditions              !   ___ BL blue                                 !
Replies ... _          !   ___ GR green                               !
> Messages .. _____ !   ___ NE neutral                           !
                        !   ___ PI pink                               !
                        !   ___ RE red                                 !
                        !   ___ TU turquoise                           !
Tokens .... _____ P !   ___ YE yellow                             !
                        !           !
                        +-----+
Jobs ..... _____ or _____ or _____ or _____

Command ==> _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help      Exit Flip Do                                           Menu
    
```

Place the cursor on a color and press Enter. The two-letter color code is written to the Color field.

- **Prefix**  
Enter a symbol as identifying prefix.
- **Attr.**  
Enter a question mark (?) in the one-character field and press Enter or place the cursor on the field and press PF1 to display the following help window:

**Attribute - Field Help**

```

14:25:42                *** ENTIRE EVENT MANAGEMENT ***                16.07.96
                        - Add Message Range -

Name ..... Inf-NETPASS-Response-Times_____ created ... 16.07.1996
> Comment .. _____ +-----+
                        !           - Field Help -                       !
Representation          !                                           !
  Color ..... YE  Prefix .. !   Sel Value/Description                    !
                        ! _____ !
Conditions               !   ___ B  blinking                            !
  Replies ... _         !   ___ C  cursiv/italic                          !
> Messages .. _____ !   ___ D  default intensity                       !
                        !   ___ I  intensified                             !
                        !   ___ U  underlined                               !
                        !   ___ V  reverse video                           !
Tokens .... _____ P !                                           !
                        ! _____ P +-----+
Jobs ..... _____ or _____ or _____ or _____

Command ==> _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help           Exit Flip Do                                           Menu
    
```

Place the cursor on an attribute and press Enter. The one-letter attribute code is written to the Attr field.

**Conditions**

These conditions define the Message Range. You can use an asterisk (\*) to enter selection criteria.

- **Replies**  
Mark this field with an **X**, if you want to focus on messages with a reply ID (i.e. requiring operator intervention).
- **Messages**  
In the first field, enter the message ID that defines the range. For example, to log all messages with an IST prefix, enter IST\*. An asterisk (\*) represents an alphanumeric string of any length. A question mark (?) represents one character. In the second field you can enter a comment or description to identify the range.

You can enter 3 message IDs and comments on this screen. ZOOM the Messages option to open the following window in which you can enter more message IDs and comments:

**Zoom Messages**

```

14:30:50          *** ENTIRE EVENT MANAGEMENT ***          16.07.96
                  - Add Message Range -

Name ..... Inf-NETPASS-Response-Times_____ created ... 16.07.1996
> Comment -----
!                                     - Zoom Messages -                                     !
Represen ! Message   Comment
Color    ! _____
! ***** ***** top of data *****
Conditio ! _____
Replie   ! _____
> Messag ! _____
! _____
! _____
! _____
Tokens   ! _____
! _____
! _____
Jobs    . ! _____
-----

Command ==> _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help      Exit  Flip  Do          Up    Down                               Menu
    
```

You can enter up to 42 message IDs and comments for each range.

**Available Local Commands: Add Message Range - Zoom Messages**

Bottom	Do	Down	Top	Up
--------	----	------	-----	----

● **Tokens / Pos.**

Enter the tokens and their position in the message. Tokens are alphanumeric strings separated by the delimiters - defined in the Server Parameters - and identified by position. For more information, see the field description Delimiters in Section Defining the Physical Environment.

When no position is specified, the message fulfills the conditions if the specified tokens appear anywhere in the message. If a position is specified, the token must appear at this position in the message. Use an asterisk (\*) to enter selection criteria.

● **Jobs**

You can restrict the Message Range to the jobs you enter here. You can use an asterisk (\*) to enter selection criteria. The jobs are combined with logical "or".

When you have finished entering data, press PF5 (Do) or enter DO on the command line and press Enter. A message confirms that the new Message Range has been saved:

```

New Message Range (name) created.
    
```

**Copy a Message Range**

 **To copy a Message Range**

1. On the List Message Range screen, enter CO in the two-character command line preceding the range you want to copy and press Enter.

The Copy Message Range window opens:

2. Enter the target range name in the field provided and press Enter.

A message confirms that the range has been copied.

## Delete a Message Range

### To delete a Message Range

1. On the List Message Range screen, enter DE in the two-character command line preceding the range you want to delete and press Enter. Depending on the confirmation level, you may be asked to confirm by entering Y (yes) or N (no) or by typing the range name again.
2. Make the appropriate entry in the field provided and press Enter.

A message confirms that the range has been deleted.

## Display a Message Range

### To display a Message Range

- On the List Message Range screen, enter DI in the two-character command line preceding the range you want to display and press Enter.

The Display Message Range screen appears.

In DISPLAY mode you can only view the object parameters. You cannot enter data because all fields are protected.

## Modify a Message Range

### To modify a Message Range

- On the List Message Range screen, enter MO in the two-character command line preceding the range you want to modify and press Enter.

The Modify Message Range screen appears.

Proceed as described in the subsection Add a Message Range.

## Rename a Message Range

### To rename a Message Range

1. On the List Message Range screen, enter RN in the two-character command line preceding the range you want to rename and press Enter.

The Rename Message Range window opens.

2. Enter the new range name in the field provided and press Enter.

A message confirms that the range has been renamed.

## Defining a Logical Console

A Logical Console provides a selective view of logged messages and is defined by a set of Included Message Ranges combined by logical OR and by a set of Excluded Message Ranges.

### ▶ To activate a Logical Console

- You must link it to a Server (see the subsection Defining Server Parameters). in Section Defining the Physical Environment.

## List Logical Consoles

### ▶ To ADD, COPY, DELETE, DISPLAY, MODIFY or RENAME a Logical Console

- Place the cursor on the Logical Console option under the heading Logical Environment on the Environment Menu and press Enter.

The List Logical Console screen appears:

### List Logical Console

```

09:27:14                *** ENTIRE EVENT MANAGEMENT ***                16.07.96
                        - List Logical Console -

Cmd Console  Aut Layout  M A from  to      Life Time
* _____ * _____ * * _____
** ***** top of data *****
__ Adabas      Default X   00:00 23:59
__ All         Default X   00:00 23:59
__ Automate   X Default X X 00:00 23:59
__ Availabl   Default X   00:00 23:59
__ Common     X Default X X 00:00 23:59
__ Complete   Default X   00:00 23:59
__ Frozen     Frozen  X   00:00 23:59
__ Network    Default X   00:00 23:59
__ Security   Default X   00:00 23:59 1 WEEKS
__ Test       X           X 00:00 23:59
** ***** bottom of data *****

Command ==> _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help Add  Exit Flip Rfind                      Down                      Menu
    
```

This screen lists all Logical Consoles that have already been defined.

### Available Local Commands: List Logical Console

Add	Down	Find	Locate	Rfind	Top
-----	------	------	--------	-------	-----

### Available Line Commands: List Logical Console

Line Command	Explanation
CO	Copy Logical Console definition.
DE	Delete Logical Console definition.
DI	Display Logical Console definition.
MO	Modify Logical Console definition.
RN	Rename Logical Console definition.

## Field Descriptions: List Logical Console

- **Cmd**  
In the command line preceding the console you want to process, enter DI to display, MO to modify or DE to delete it. Press Enter.
- **Console**  
Names of Logical Consoles which have already been defined. In the field marked with an asterisk (\*) directly below Console at the top of the list, you can enter selection criteria for consoles to be listed. Use an asterisk to enter selection criteria.
- **Aut**  
An **X** appears in this column, if Automation Rules are defined for the Logical Console.
- **Layout**  
Names of the Logical Console Layouts assigned to the consoles.
- **M**  
An **X** in this column means that message logging is active for that console. If blank, logging is not active. Enter an **X** in the field at the top directly below **M**, to list only consoles with message logging active. Enter an asterisk (\*) in the field at the top, to list all consoles. Leave the field blank to list only consoles with message logging not active. Press Enter after making your entry.
- **A**  
An **X** in this column means that automation is active for that console. If blank, automation is not active. Enter an **X** in the field at the top directly below **A**, to list only consoles with automation active. Enter an asterisk (\*) in the field at the top, to list all consoles. Leave the field blank to list only consoles with automation not active. Press Enter after making your entry.
- **from ... to**  
The console is active during these times. This means that message logging and automation are possible only during these times.
- **Life Time**  
Message lifetime for the console. The message exists in the console for this length of time.

## Add a Logical Console

### To ADD a Logical Console

1. Press PF2 (Add).

The Add Logical Console screen appears:

### Add Logical Console

```

09:36:27                *** ENTIRE EVENT MANAGEMENT ***                16.07.96
                        - Add Logical Console -

Name ..... _____ created ...
> Comment .. _____ modified ..

Life Time .. ___ _____ Layout .... _____

Message Logging      Automation      Calendar .. _____
Active ... _         Active ..... _   Analyzed .. 00:00 to 00:00

> Excluded Message Ranges

> Included Message Ranges
Name ..... _____
Priority ... ___     Frozen ..... _
Representation
Color .... ___     Prefix ..... _ Attr .. _

NCL0644 Please enter Name to add Logical Console.
Command ==> _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help           Exit Flip Do                                     Menu
    
```

**Available Local Commands: Add Logical Console**

+Comment	Do	+ExcRnge	+IncRnge
----------	----	----------	----------

2. Enter a name in the Name field and press Enter.

The Select Message Range window opens on the right:

**Add Logical Console - Select Message Range**

```

16:39:23                *** ENTIRE EVENT MANAGEMENT ***                16.07.96
                        - Add Logical Console -

Name ..... InfResp_      created ...
> Comment .. _____ -----
Life Time .. ___ _____ !           - Select Message Range -           !
Message Logging      Automation ! Sel Name !
Active ... _         Active ... ! * _____ !
> Excluded Message Ranges ! ** ***** top of data ***** !
! ___ -----Execute !
! ___ Adabas---All !
! ___ Adabas---Automation !
> Included Message Ranges ! ___ Adabas---Jobs !
Name ..... _____ ! ___ Adabas---Suppressed !
Priority ... ___     Frozen .... ! ___ CICS-----All !
Representation ! ___ ComplCmd-All !
Color .... ___     Prefix .... ! ___ Complete-All !
! ___ Complete-Commands !
-----

NCL0701 Please select Message Range to work with.
Command ==> _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help           Exit Flip                               Down                                     Menu
    
```

This window lists all Message Ranges which have been defined.

**Available Local Commands: Add Logical Console - Select Message Range**

Down	Locate	Top
------	--------	-----

In the field marked with an asterisk (\*) under Name you can enter selection criteria for the ranges to be listed. Use an asterisk to enter selection criteria.

**To link a Message Range to the Logical Console**

1. Place the cursor on the desired Message Range and press Enter.

The name of the Message Range you select is written to the Included Message Ranges Name field.

2. You can now enter data for the remaining fields. ZOOM on the Comment field to enter more text. ZOOM on Excluded Message Ranges and Included Message Ranges to enter the ranges to be linked to the Logical Console (see the subsection ZOOM Feature in Section Using Entire Event Management).

**Field Descriptions: Add Logical Console**

- **Name**  
Enter a name for the Logical Console you are creating.
- **Life Time**  
Enter the message lifetime for the console. The lifetime defines how long a message is stored in the Logging Database for the Logical Console. When you enter a number in the first field, an active Help window opens with four options: DAYS, WEEKS, MONTHS, YEARS. Select an option with the cursor and press Enter.
- **Layout**  
Enter the name of the Logical Console Layout for this console. The layout you select determines how data is displayed in this Logical Console. Enter an asterisk (\*) and press Enter to display the Select Logical Console Layout window with the names of all the layouts that have already been defined:

**Add Logical Console - Select Logical Console Layout**

```

16:41:38          *** ENTIRE EVENT MANAGEMENT ***          16.07.96
                   - Add Logical Console -

Name ..... InfResp_          created ...
> Comment .. _____ ! - Select Logical Console Layout - !
Life Time .. ___ _____ ! !
Message Logging Automation ! * _____ !
Active ... X Active ... ! ** ***** top of data ***** !
> Excluded Message Ranges ! ___ Adabas !
! ___ CICS !
! ___ ComplCmd !
> Included Message Ranges ! ___ Complete !
Name ..... Adabas---Jobs_____ ! ___ Netpass !
Priority ... ___ Frozen .... ! ___ Network !
Representation ! ___ Operator !
Color .... ___ Prefix .... ! ___ Process !
! ___ Security !
-----
NCL0701 Please select Logical Console Layout to work with.
Command ===> _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
Help Exit Flip Down Menu
    
```

**Available Local Commands: Add Logical Console - Select Logical Console Layout**

Down	Locate	Top
------	--------	-----

- Place the cursor on the desired layout and press Enter.

The name of the layout you select is written to this field. For more information, see the subsection Defining a Logical Console Layout.

**Field Descriptions: Add Logical Console - cont.**

- **Message Logging Active**  
If you leave this field blank, no message logging occurs. Enter **X** to activate message logging. See also the immediately following subsection Message Logging and Automation.
- **Automation Active**  
If you leave this field blank, Automation Rules are not executed. If you enter **X**, Automation Rules are activated and automation results are logged to the (Aut*nnn*) Automation Console assigned to Server *nnn*. See also the immediately following subsection Message Logging and Automation.
- **Calendar**  
Enter the name of a Calendar to assign to the Logical Console. In a Calendar, you can mark the days when the Logical Console is to be inactive. For further information, see Section Defining a Calendar.
- **Analyzed 00:00 to 00:00**  
Enter the time interval during which the Logical Console becomes active. During the time interval you enter here, the Server analyzes the definitions of this Logical Console for the logging and automation process.

**Message Logging and Automation**

1. To activate MESSAGE LOGGING ONLY, mark Message Logging with an **X**. Leave Automation blank. All messages which satisfy range conditions for this console are displayed. No Automation Rules are executed and consequently Events are not logged to the (Aut*nnn*) Console.
2. To activate AUTOMATION WITHOUT MESSAGE LOGGING, mark Automation with an **X**. Leave Message Logging blank. No messages are displayed in this console. Automation Rules are executed. Events are logged to the (Aut*nnn*) Console.
3. To activate BOTH MESSAGE LOGGING AND AUTOMATION, mark Message Logging and Automation with an **X** (active). All messages which satisfy the range conditions are displayed in and logged to this console. Automation Rules are executed. Events are logged to the (Aut*nnn*) console.

**Copy a Logical Console****▶ To copy a logical console**

1. On the List Logical Console screen, enter CO in the two-character command line preceding the console you want to copy and press Enter.

The Copy Logical Console window opens:

2. Enter the target console name in the field provided and press Enter.

A message confirms that the console has been copied.

**Delete a Logical Console****▶ To delete a logical console**

1. On the List Logical Console screen, enter DE in the two-character command line preceding the console you want to delete and press Enter. Depending on the confirmation level, you may be asked to confirm by entering **Y** (yes) or **N** (no) or by typing the console name again.
2. Make the appropriate entry in the field provided and press Enter.

A message confirms that the console has been deleted.

## Display a Logical Console

### To display a logical console

- On the List Logical Console screen, enter DI in the two-character command line preceding the console you want to display and press Enter.

The Display Logical Console screen appears.

In DISPLAY mode you can only view the object parameters. You cannot enter data because all fields are protected.

## Modify a Logical Console

### To modify a logical console

- On the List Logical Console screen, enter MO in the two-character command line preceding the console you want to modify and press Enter.

The Modify Logical Console screen appears.

Proceed as described in the subsection Add a Logical Console.

## Rename a Logical Console

### To rename a logical console

1. On the List Logical Console screen, enter RN in the two-character command line preceding the console you want to rename and press Enter.

The Rename Logical Console window opens:

2. Enter the new console name in the field provided and press Enter.

A message confirms that the console has been renamed.

## Defining an Excluded Message Range

An Excluded Message Range is a Message Range that is excluded from logging and display in a Logical Console. Messages which satisfy the filter conditions of an Excluded Message Range do not trigger any Automation Rule defined for the Logical Console. You can add any number of ranges to the Logical Console for suppression.

## Add an Excluded Message Range

### To ADD an Excluded Message Range

1. Place the cursor on the Excluded Message Ranges option and press Enter.

The List Excluded Message Range window opens:

### Add Logical Console - List Excluded Message Range

```

16:43:20                *** ENTIRE EVENT MANAGEMENT ***                16.07.96
                        - Add Logical Console -

Name ..... InfResp_                created ... 16.07.1996
> Comment .. _____
-----
Life Time .. ____
Message Logging      Automation      ! Sel Name
Active ... X         Active ...      ! *
** ***** top of data *****
** ***** bottom of data *****
> Excluded Message Ranges          !
-----
> Included Message Ranges          !
Name ..... Adabas---Jobs_____ !
Priority ... ____      Frozen .... !
Representation          !
Color .... ____      Prefix .... !
-----
NCL0641 No objects for Excluded Message Range defined.
Command ==> _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Add   Exit  Flip  Rfind                Down                Menu
    
```

#### Available Local Commands: Add Logical Console - List Excluded Message Range

Add	Down	Find	Locate	Rfind	Top
-----	------	------	--------	-------	-----

This window lists all Excluded Message Ranges which have been added to the Logical Console. If no Excluded Message Ranges are linked to the console, this message appears at the bottom of your screen:

```
No objects for Excluded Message Range defined.
```

2. Press PF2 (Add).

The Link Message Range window opens:

### Excluded Message Ranges - Link Message Range

```

16:43:20          *** ENTIRE EVENT MANAGEMENT ***          16.07.96
                  - Add Logical Console -

Name ..... InfResp_                                created ... 16.07.1996
> Comment .. _____ -----
Life Time .. ____ _____                        !           - Link Message Range -           !
Message Logging      Automation ! Sel Name
Active ... X         Active ... ! ** ***** top of data ***** !
> Excluded Message Ranges ! ___ -----Execute !
! ___ Adabas---All !
! ___ Adabas---Automation !
> Included Message Ranges ! ___ Adabas---Suppressed !
Name ..... Adabas---Jobs_____ ! ___ CICS-----All !
Priority ... ____ Frozen .... ! ___ ComplCmd-All !
Representation      ! ___ Complete-All !
Color .... ____ Prefix .... ! ___ Complete-Commands !
! ___ Complete-IEF !
-----
NCL0701 Please select Message Range to link.
Command ==> _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
Help          Exit Flip                               Down          Menu

```

#### Available Local Commands: Excluded Message Range - Link Message Range

Down	Locate	Top
------	--------	-----

This window lists all Message Ranges which have not been linked to the Excluded Message Ranges or the Included Message Ranges in this Logical Console.

- Place the cursor on a range you want to suppress and press Enter.

The name of the range you selected is written to the List Excluded Message Range window and the following message confirms that the range has been added to the Logical Console:

New Excluded Message Range (name) created.
--

## Delete an Excluded Message Range

### To delete a Excluded Message Range

- Place the cursor on the Excluded Message Ranges option on the Add/Modify Logical Console screen and press Enter.

The List Excluded Message Range window opens.

- Enter DE in the two-character command field preceding the range you want to delete and press Enter.

The following message confirms that the range has been deleted:

Deletion of Excluded Message Range (name) successful.
---

## Defining an Included Message Range

An Included Message Range is a Message Range linked to a Logical Console. The messages of an Included Message Range are logged to and displayed in the Logical Console, if they do not match the conditions defined for Excluded Message Ranges (see the subsection Defining an Excluded Message Range).

- You can add any number of Message Ranges to a console. The name of the Message Range displayed in the Name field under the Included Message Ranges option is only the FIRST range linked to the console. This is the range you selected to begin creating the Logical Console.
- If there are more Included Message Ranges, the plus sign (+) preceding Included Message Ranges is highlighted. To list all ranges linked to the Logical Console, place the cursor on the Included Message Ranges option and press Enter.

### Field Descriptions: Included Message Ranges

- **Name**  
The name of the first Message Range of the set of Included Message Ranges which defines the Logical Console. This is the range you selected to create the console.
- **Priority**  
Enter a number to define the representation priority of all messages in the Included Message Range. If a message satisfies conditions of more than one Included Message Range of the Logical Console, it is displayed with the representation parameters of the range with the highest priority.

The higher the number, the higher the priority. For example, if range **AB** has a priority of 10, range **BC** has a priority of 5 and the message **B** satisfies conditions of both ranges, then message **B** assumes representation parameters and priority of range **AB**.

- **Frozen**  
Enter **X** here to assign the attribute frozen to all included messages. Frozen messages remain on the Logical Console screen until released by the operator.

### Representation

The representation parameters you enter here are for all messages from the Included Message Range, i.e. this Message Range linked to this Logical Console. These messages are displayed in the color and with the prefix and attribute you select.

The entries you make here have the highest priority. You can leave these fields blank, but if you do enter parameters here, they override any representation parameters you defined for the Message Range itself (see the subsection Defining a Message Range).

- **Color**  
Enter a question mark (?) in the two-character field and press Enter or place the cursor on the field and press PF1 to display the Color Help window with the following options:

Color Abbreviation	Explanation
BL	blue
GR	green
NE	neutral
PI	pink
RE	red
TU	turquoise
YE	yellow

Place the cursor on a color and press Enter. The two-letter color code is written to the Color field.

- **Prefix**  
Enter a character as identifying prefix.
- **Attr.**  
Enter a question mark (?) in the one-character field and press Enter or place the cursor on the field and press PF1 to display a Help window with the following options:

Color Abbreviation	Explanation
B	blinking
C	cursive/italic
D	default intensity
I	intensified
U	underlined
V	reverse video

Place the cursor on an attribute and press Enter. The one-letter attribute code is written to the Attr field.

## List Included Message Ranges

 To LIST all ranges linked to the Logical Console, DISPLAY or MODIFY parameters for all Included Message Ranges, to DELETE an Included Range or ADD a new range

- Place the cursor on the Included Message Ranges option and press Enter.

The List Included Message Range screen appears:

### List Included Message Range



### List Included Message Range - Link Message Range

```

16:44:26                *** ENTIRE EVENT MANAGEMENT ***                16.07.96
                        - Add Logical Console -

Name ..... InfResp_                created ... 16.07.1996
> Comment -----
!                               - List !                               - Link Message Range - !
Life Tim ! Cmd Message Range !                               !                               !
!                               * _____ ! Sel Name                               !
Message ! ** ***** !                               * _____ !
Active ! ___ Adabas---Jobs ! ** ***** top of data ***** !
!                               ! ___ -----Execute                               !
> Excluded !                               ! ___ Adabas---All                               !
!                               ! ___ Adabas---Automation                               !
> Included !                               ! ___ Adabas---Suppressed                               !
Name . !                               ! ___ CICS-----All                               !
Priors !                               ! ___ ComplCmd-All                               !
Repres !                               ! ___ Complete-All                               !
Colo !                               ! ___ Complete-Commands                               !
!                               ! ___ Complete-IEF                               !
-----
NCL0701 Please select Message Range to link.
Command ==> _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help           Exit Flip                               Down           Menu
    
```

#### Available Local Commands: List Included Message Ranges - Link Message Range

Down	Locate	Top
------	--------	-----

In the field marked with an asterisk (\*) under Name you can enter selection criteria for the ranges to be listed. Use an asterisk to enter selection criteria.

2. Select a Message Range to add to the Logical Console by placing the cursor on the desired Message Range and pressing Enter.

The Add Included Message Range window opens:

#### Add Included Message Range

```

16:44:26                *** ENTIRE EVENT MANAGEMENT ***                16.07.96
                        - Add Logical Console -

Name ..... InfResp_                created ... 16.07.1996
> Comment -----
!                               - Add Included Message Range -                               !
Life Tim !
!                               Name ..... Adabas---All_____ created                               !
Message ! > Comment .. _____ modified                               !
Active !
!                               Priority .... ____                               !
> Excluded !
!                               Frozen ..... _                               !
> Included !
!                               Name . ! Representation                               !
!                               Priori ! Color ..... _ Prefix .. _ Attr .. _                               !
!                               Repres !                               !
!                               Colo !                               !
!                               !                               !
-----
Command ==> _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
Help          Exit Flip Do                               Menu
    
```

**Available Local Commands: Add Included Message Range**

+Comment	Do
----------	----

**Field Descriptions: Add Included Message Range**

See the heading Field Descriptions: Included Message Ranges in the subsection Defining an Included Message Range.

3. Press PF5 (Do) or enter DO in the command line and press Enter to create the new Included Message Range.

The following message confirms creation:

```

New Included Message Range (name) created.
    
```

**Display an Included Message Range**

 **To DISPLAY an Included Message Range**

- On the List Included Message Range screen, enter DI in the two-character command line preceding the range you want to display and press Enter.

The Display Included Message Range screen appears.

In DISPLAY mode you can only view the object parameters. You cannot enter data because all fields are protected.

## Modify an Included Message Range

### ▶ To MODIFY an Included Message Range

- On the List Included Message Range screen, enter MO in the two-character command line preceding the range you want to modify and press Enter.

The Modify Included Message Range screen appears.

Proceed as described in the subsection Add an Included Message Range.

## Delete an Included Message Range

### ▶ To DELETE an Included Message Range

1. On the List Included Message Range screen, enter DE in the two-character command line preceding the range you want to delete and press Enter. Depending on the confirmation level, you may be asked to confirm by entering Y (yes) or N (no) or by typing the range name again.
2. Make the appropriate entry in the field provided and press Enter.

A message confirms that the range has been deleted.

## Defining a Logical Console Layout

A Logical Console Layout contains parameters that determine how Logical Console data is displayed on your terminal screen. You can define a Logical Console Layout to display the most important information from the messages in a Logical Console. Any number of layouts can be defined and any layout can be assigned to any Logical Console.

## List Logical Console Layouts

### ▶ To ADD, COPY, DELETE, DISPLAY, MODIFY or RENAME a Logical Console Layout

- Place the cursor on the Logical Console Layout option under the heading Logical Environment on the Environment Menu and press Enter.

The List Logical Console Layout screen appears:

### List Logical Console Layout

```

12:16:04          *** ENTIRE EVENT MANAGEMENT ***          96-09-26
                  - List Logical Console Layout -

Cmd Name      Comment
*
** ***** top of data *****
__ hka-test
__ hkaold
__ new
__ NoSplit
__ SAG_Oper Layout used for Operator Console
__ Split
__ Split-2
__ uksjulay
** ***** bottom of data *****

Command ==> _____
Add      Down      Locate   Top      Find      Rfind
Bar      Cancel    Exit     Flip     Help     Keys     Menu     Quit     Tech
    
```

This screen lists all Logical Console Layouts that have already been defined.

**Available Local Commands: List Logical Console Layout**

Add	Down	Find	Locate	Rfind	Top
-----	------	------	--------	-------	-----

**Available Line Commands: List Logical Console Layout**

Line Command	Explanation
CO	Copy Logical Console Layout.
DE	Delete Logical Console Layout.
DI	Display Logical Console Layout.
MO	Modify Logical Console Layout.
RN	Rename Logical Console Layout.

**Field Descriptions: List Logical Console Layout**

- **Cmd**  
In the command line preceding the layout you want to process, enter DI to display, MO to modify or DE to delete it. Press Enter.
- **Name**  
The name of the Logical Console Layout. You can enter selection criteria for the layout name. Use an asterisk (\*) to enter selection criteria.
- **Comment**  
A short comment or description of the layout.

## Add a Logical Console Layout

### ▶ To ADD a Logical Console Layout

1. Press PF2 (Add).

The Add Logical Console Layout screen appears:

### Add Logical Console Layout

```

12:18:33          *** ENTIRE EVENT MANAGEMENT ***          96-09-26
                    - Add Logical Console Layout -

Name ..... _____ created ...
> Comment .. _____ modified ..

Seq Attribute      Leng   Seq Attribute      Leng   Break Lines
-----
__ Date            __8    __ JobName         __8    Top of day .... _
__ Time           _10    __ JobID           __8    Frozen Msg .... _
__ Message Text   180    __ JType           __8
__ MsgID          __9     __ ReplyID        __8
__ Category       _32    __ Frozen
__ Severity
__ SrceNode       _32    __ Prefix
__ SrceAppl       _32    __ Automation
__ Range          __8
__ Srv

NCL0644 Please enter name to add Logical Console Layout.
Command ==> _____
+Comment Do
Bar      Cancel  Exit   Flip   Help   Keys   Menu   Quit   Tech
    
```

### Available Local Commands: Add Logical Console Layout

+Comment	Do
----------	----

2. Enter a name in the Name field and press Enter. You can now enter data for the other fields. You can ZOOM on the Comment field to enter more data (see the subsection ZOOM Feature in Section Using Entire Event Management).

### Field Descriptions: Add Logical Console Layout

- **Seq**  
Your entries here determine in which order message attributes are displayed in the Logical Console. For example, enter **1** after Range to display range data in column 1, enter **2** after **Message** to display message data in column 2, etc.
- **Leng**  
This is the number of characters for the attribute on the Logical Console screen. For example, enter **50** after Message to display the first 50 characters of the message, enter **8** after Date to display the full date, etc.
- **Attribute**  
Enter a column sequence number in the Seq field and a line length in the Leng field to display these message attributes in the Logical Console:
  - **Date** The arrival date of the message.

- **Time** The arrival time of the message.  
To display only hours and minutes, enter **5** in the Length column.  
To display hours, minutes and seconds, enter **8**.  
To display hours, minutes, seconds and 1/10 seconds, enter **11**.
  - **Message Text** The message text with its ID.
  - **MsgID** The message ID.
  - **Category** Category of events forwarded via the API. Defaults: Leng **8**
  - **Severity** Severity of events forwarded via the API.
  - **SrcNode** Network node where the message originated. Defaults: Seq 1, Leng **8**.
  - **SrcAppl** Application where the message originated. Defaults: Leng **8**.
  - **Range** The Message Range which is **owner** of the message.
  - **Srv** The number of the Server which has logged the message.
  - **JobName** The job that issued the message.
  - **JobID** The job number of the job that issued the message.
  - **JType** The type of job that issued the message. Defaults: Leng **3**.
  - **Reply ID** This is the reply ID for messages requiring an operator reply.
  - **Frozen** This attribute is displayed with an **X** in the Logical Console.
  - **Priority** The message priority as assigned by the Included Message Range of the Logical Console.
  - **Prefix** The prefix as defined in the Included Message Range of the Logical Console and in the Message Range itself. This is a one-byte character that distinguishes the message from others.
  - **Automation E** = The message has triggered an Event.  
**F** = Execution of the related Automation Rule has failed.
  - **Break Lines**  
Enter an **X** to display the following break lines in the Logical Console.
    - **Frozen Msg** \*\*\*\*\* frozen messages \*\*\*\*\*
    - **Top of day** \*\*\*\*\* top of DD/MM/YY \*\*\*\*\*
3. When you have finished entering data on the Add Logical Console Layout screen, press PF5 (Do) or enter DO on the command line and press Enter.

The following message confirms creation of the new Logical Console Layout:

```
New Logical Console Layout (name) created.
```

## Copy a Logical Console Layout

### ▶ To COPY a Logical Console Layout

1. On the List Logical Console Layout screen, enter **CO** in the two-character command line preceding the layout you want to copy and press Enter.

The Copy Logical Console Layout window opens:

2. Enter the target layout name in the field provided and press Enter.

A message confirms that the layout has been copied.

## Delete a Logical Console Layout

### ▶ To DELETE a Logical Console Layout

1. On the List Logical Console Layout screen, enter **DE** in the two-character command line preceding the layout you want to delete and press Enter. Depending on the confirmation level, you may be asked to confirm by entering **Y** (yes) or **N** (no) or by typing the layout name again.

2. Make the appropriate entry in the field provided and press Enter.

A message confirms that the layout has been deleted.

## Display a Logical Console Layout

### To **DISPLAY** a Logical Console Layout

- On the List Logical Console Layout screen, enter DI in the two-character command line preceding the layout you want to display and press Enter.

The Display Logical Console Layout screen appears.

In DISPLAY mode you can only view the object parameters. You cannot enter data because all fields are protected.

## Modify a Logical Console Layout

### To **MODIFY** a Logical Console Layout

- On the List Logical Console Layout screen, enter MO in the two-character command line preceding the layout you want to modify and press Enter.

The Modify Logical Console Layout screen appears.

Proceed as described in the subsection Add a Logical Console Layout.

## Rename a Logical Console Layout

### To **RENAME** a Logical Console Layout

1. On the List Logical Console Layout screen, enter RN in the two-character command line preceding the layout you want to rename and press Enter.

The Rename Logical Console Layout window opens:

2. Enter the new layout name in the field provided and press Enter.

A message confirms that the layout has been renamed.