

Adding a Master Symbol

This subsection covers the following topics:

- Adding a Master Symbol
- Special PF Keys
- Field Descriptions
- Example

Adding a Master Symbol

If this is the first symbol of a new symbol table, the table itself will be created implicitly by this action.

 **To add a master symbol**

1. Press PF2 (Add) from the Master Symbol Tables window.

The following window opens:

```

10.11.01          *** Entire Operations 4.1.1 ***          14:07:21
Owner  REQUEST          Master Symbol Table P185905
Network P185905          Run
+-----+-----+-----+-----+-----+-----+-----+-----+
!
!                      Master Symbol Modification          ! 1.01 16:13
!
! Symbol Table ==> P185905_____          Owner REQUEST          ! 1.01 16:13
! Symbol Name ==> SHORT1_____          Network P185905          ! 1.01 17:15
! Format ==> A          Run          ! 1.01 17:16
! Value ==> Short-value_____          ! 1.01 17:17
! _____          ! 1.01 17:17
! Be careful with insertions or deletions.          ! 1.01 17:17
! The 2 lines will be concatenated to one symbol value.          ! 1.01 17:16
! Prompting ==> A          Update Mode ==> _          ! 1.01 17:16
! Prompt Text ==> _____          ! 1.01 17:16
! _____          ! 1.01 17:16
! _____          ! 1.01 17:16
! _____          ! 1.01 17:16
! _____          ! *****
! Enter-PF1---PF2---PF3-----PF5-----PF8-----PF9---PF10---PF11--          !
! Help Add End Save RgChk Mult Copy UsrRt          ! F11--PF12---
+-----+-----+-----+-----+-----+-----+-----+-----+
    
```

2. Enter the name of a new master symbol table and define the first symbol for it. Input fields are described under Field Descriptions: Master Symbol Addition.

Special PF Keys

You can perform the following functions from the Master Symbol Addition window using these PF keys:

Key	Name	Function
PF8	RgChk	Numeric value check The value range check is only performed for values of format N. In this case, a special window appears here.
PF9	Mult	Assign multiple values for one symbol. These can be used in subsequent replacements of the same symbol. A special window opens.
PF10	Copy	Copy a complete master symbol table, even from the alternate EOR data file. (Master Symbol Tables only)
PF11	UsrRt	Define and edit a plausibility check user routine for this symbol. (Master Symbol Tables only)

Field Descriptions

Meaning of the input fields:

Field	Description
Symbol Table	Enter the name of the new master symbol table. It contains the variables for Dynamic JCL Generation and can be maintained manually or modified by programs.
Symbol Name	Enter the name of the symbol to be used as variable.
Owner	Owner of symbol table.
Network	Current job network (Active Symbol Table only).
Format	Enter the format of the variable. Possible values:
	A Alphanumeric (including special characters)
	D Date
	L Alphanumeric; conversion to lower case.
	N Numeric. Please refer to Value for the numeric field format.
U Alphanumeric; conversion to upper case.	
Run	Current job run (Active Symbol Table only).
Value	Enter the current value of the variable, i.e. the string or number to be substituted in dynamically generated JCL.
	<p>Notes:</p> <ul style="list-style-type: none"> • If the Value is longer than 40 characters, continue on the second line. Maximum length is 80 characters. Be careful with insertions and deletions. The 2 lines are concatenated to one symbol value. • The maximum length for a numerical Value is N10.4 (10 digits before the decimal point and 4 digits after the decimal point). A decimal point can appear at any position. • A date must use the format YYYYMMDD.
Prompting	Specifies whether the user is to be prompted for this symbol during manual activation of the job network. Possible values:
	A Prompt for symbol at each activation.
	E Prompt only if no value is specified in table.
N Never prompt for symbol.	
Modification Mode	Write back modified active symbol to the master table as well.
	<p>M Note: The symbol is also written back, if a respective global setting is available. See Entire Operations Defaults in the section System Administrator Services of the Entire Operations Administration Documentation.</p> <p>else No special action.</p>
Prompt Text	Optional text to be displayed when symbol prompting is performed, to help the user specify the correct value.

3. If you wish to add more symbols to the new table, press PF2 (Add) from the Master Symbol Addition window. This saves the first definition and clears the window.

You can now add another symbol. You can add any number of symbols to a master symbol table.

4. Press PF5 (Save) to save the new master symbol table.
5. Press PF3 (End) to close the window and return to the Master Symbol Tables window. The new master symbol table appears in the list.

You can add any number of master symbol tables for your owner.

Example

The following example illustrates the use of the symbol FILE-1 in the master symbol table DEMO:

```

10.11.01          *** Entire Operations 4.1.1 ***          14:17:27
Owner  SN          Master Symbol Table DEMO
Network                                                  Run
+-----+-----+-----+-----+-----+-----+-----+
!
!                Master Symbol Modification                ! 1.01 14:12
!
! Symbol Table ==> DEMO_____ Owner SN                  ! 1.01 14:12
! Symbol Name ==> FILE-1_____ Network                  ! 1.01 14:13
! Format ==> A                                           ! 1.01 14:13
! Value ==> EOR.DEMO.SRCE_____                          !
!
! Be careful with insertions or deletions.                !
! The 2 lines will be concatenated to one symbol value.   !
! Prompting ==> E Update Mode ==> _                      !
! Prompt Text ==> The Entire Operations Demonstration____ !
! Source Library_____                                   !
!
! _____                                               !
! _____                                               !
! _____                                               ! *****
! Enter-PF1---PF2---PF3-----PF5-----PF8-----PF9---PF10---PF11-- !
! Help Add End Save RgChk Mult Copy UsrRt ! F11--PF12---
+-----+-----+-----+-----+-----+-----+

```

For each occurrence of the symbol FILE-1 in the JCL of the job for which symbol table DEMO is specified, the value EOR.DEMO.SRCE is substituted. For example, the JCL line:

```
//XYZ DD DSN=@FILE-1,DISP=SHR
```

as defined in the original JCL, becomes:

```
//XYZ DD DSN=EOR.DEMO.SRCE,DISP=SHR
```

at job activation time.

Note:

Symbols preceded by the submission escape character in the JCL are replaced by their current values when the job is submitted.

The user can modify the resulting JCL for a single job run using the Active Job Maintenance facility (see the subsection Editing Active JCL in the section Active Job Networks).

When the job network which uses this symbol table is activated manually, the user is prompted for this symbol. The text in the Prompt Text field is displayed during symbol prompting to help the user specify the correct value. The user can leave the specified value or modify it for the network run.

