

Editing Input Condition User Routines

Input conditions can be set by user routines. If a user routine is defined for an input condition, **Entire Operations** automatically executes the routine when checking the status of input conditions before job submission.

In the normal case, user routines are Natural subprograms and are edited using the **Entire Operations** Editor.

To use the user routine Editor

1. On the Input Condition Maintenance screen, type **E** in the line command input field for a UsrRtn-type condition.
2. Press Enter.

If the user routine already exists, the first page appears in the Editor screen.

3. If you are defining a new user routine, the parameter section appears in the Editor screen. You can only modify parameters by field redefinition.

You can now create or modify the user routine using Editor commands and PF keys. For a full description of the Editor, see the **Software AG Editor Documentation**.

Below is an example of a user routine to set an input condition:

```
* Entire Operations
* USER ROUTINE TO SET AN INPUT CONDITION
*
* THIS ROUTINE CHECKS THE EXISTENCE OF A FILE, DEPENDING ON
* GIVEN PARAMETERS
*
DEFINE DATA PARAMETER USING NOPXPL-A
LOCAL                               /* LOCAL VARIABLES START HERE
1 CATALOG VIEW OF CATALOG           /* An Entire System Server VIEW
  2 NODE
  2 DSNAME
  2 ERROR-CODE
  2 ERROR-TEXT
*
1 #DSNAME                          (A54)
END-DEFINE
* -----
RESET P-RC                          /* ASSUME GOOD RETURN -> SET CONDITION
COMPRESS P-OWNER '.SYSF.SRCE' INTO #DSNAME LEAVING NO SPACE
CAT. FIND CATALOG WITH NODE = P-EXECUTION-NODE
  AND DSNAME = #DSNAME
  IF CAT.ERROR-CODE NE 0
    MOVE CAT.ERROR-CODE TO P-RC      /* BAD RETURN
    MOVE CAT.ERROR-TEXT TO P-RT
  ESCAPE ROUTINE
END-IF
END-FIND                             /* (CAT.)
END
```

All user routines finish with a return code that is returned in P-RC.

If P-RC is not equal to 0, the condition is reset (FALSE) and the user is notified with a message. In our example, if the routine finds a file with the string <OWNER>.SYSF.SRCE, the returned condition code (ERROR-CODE) sets (fulfills) the U-type input condition for which the routine was defined.

