

Symbol Plausibility Check User Routine

This subsection covers the following topics:

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Symbol Plausibility Check User Routine

A **plausibility check** can be performed on entered symbol values, during symbol modification or prompting.

The user routine must be written as a Natural subprogram and must use the supplied parameter list NOPXPL-A. This parameter list contains the owner, symbol table, symbol name, etc. It can therefore be used for different symbols.

Special Parameters

The parameters P-RC (return code) and P-RT (return text) are examined by the caller after execution of the user routine. If P-RC is zero, the symbol is accepted as **ok**. Otherwise, the symbol is not accepted.

If the text from P-RT is not blank, it will be displayed to the user with message code EOR1855. If P-RT is not zero and blank, a standard error message is displayed.

To define a symbol plausibility check user routine

- Press PF11 (UsrRt) from the Master Symbol Addition / Modification window.

The following window opens:

```

11.11.01          *** Entire Operations 4.1.1 ***          15:57:31
Owner   SN          Master Symbol Table EXAM-ST1
Network                                     Run
-----
+-----+
!                                     !02.00 12:32
!           Master Symbol Modification           !11.99 10:33
!                                     !03.01 08:40
!  Symbo +-----+                               !05.99 17:26
!  Symbo !                                     !02.00 12:32
!           ! Definition of Symbol Check User Routine           !03.01 08:40
!           !                                     !___ !11.99 10:32
!           ! Owner          ==> SN                               !___ !02.01 12:31
!   Pr   ! Symbol Table    ==> EXAM-ST1                          !   !
!   Prom ! Symbol          ==> JOBLIB                            !___ !
!           !                                     !___ !
!           ! Library       ==> _____                       !___ !
!           ! User Routine  ==> _____                       !___ !
!           !                                     !___ !
! Enter- ! ---PF1---PF3---PF4---PF5-----PF9----- !1-- !*****
!           ! Help End   Edit Save           Delete   !Rt  !
+-----+-----+-----+-----+-----+-----+PF11---PF12---
Help Add End Save Up Down Print
    
```

Field Descriptions

Meaning of the input fields:

Field	Description
Library	Enter name of library in which user routine resides.
User Routine	Enter name of user routine.

Using Adabas and Entire System Server

As in other user routines, Adabas, Entire System Server and Natural system variables can provide a lot of flexibility to symbol checking.

Special PF Keys

Key	Name	Function
PF4	Edit	Edit or create a user routine. Do not forget to STOW the routine so it can be used.
PF9	Delete	Delete the user routine definition, but not the user routine itself.