

# Symbol Plausibility Check User Routine

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- Field Descriptions
- Using Adabas and Entire System Server
- Special PF Keys

## 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. <b>Do not forget to STOW the routine so it can be used.</b>
PF9	Delete	Delete the user routine definition, but not the user routine itself.