



Notes:

- ABAP code can access data objects in ABAP Program Memory. This includes all data objects defined with DATA but excludes objects using TABLES or DATA COMMON. (see note 2)
- ABAP code can access data objects in Program Group Memory. This includes all data objects defined with TABLES or DATA COMMON. (see note 1)
- Parameters defined using FORM...USING.. and data objects defined in the FORM using DATA, are accessible only from the FORM. Function Module parameters and data objects defined in the Module using DATA, are accessible only from the Function Module.
- A subroutine (FORM...) in an ABAP Program can access data objects defined in ABAP Program Memory (see Note 1) as long as the FORM has not defined a parameter or data object with the same name as a data object in ABAP Program Memory. Data defined with LOCAL in the FORM will NOT be available from ABAP Program Memory. The same relationship exists for Global Function Group Memory and a Function Module in a Function Group(red).
- A subroutine (FORM...) in an ABAP Program can access data objects defined in Program Group Memory (see Note 2) as long as the FORM has not defined a parameter or data object with the same name as a data object in Program Group Memory. Data defined with LOCAL in the FORM will NOT be available from Program Group Memory. The same relationship exists for Program Group Memory and a Function Module in a Function Group.
- ABAP code can EXPORT...TO MEMORY, and IMPORT... FROM MEMORY, using ABAP Memory which is shared across all Internal Sessions(blue) of an External Session(red). An External Session is a separate task that runs on your presentation server. It is another window into the R/3 system. An External Session can be started by entering /O in the command box.
- SET PARAMETER... and GET PARAMETER... can be used by an ABAP to access SAP Memory which is shared across a Terminal Session(yellow). A Terminal Session is the collection of all External Sessions(red) for a user currently in use on a presentation server.
- A CALL FUNCTION... command starts a new Program Group(yellow), with a Function Group(red) in the same Internal Session(blue) with it's own Program Group Memory.
- An External PERFORM starts a new ABAP Program Group(green) within the current Program Group(yellow).
- SUBMIT...AND RETURN and CALL TRANSACTION start a new Internal Session(blue).
- The Shared Application Buffer of the Application Server Instance(green) can be accessed using EXPORT...SHARED and IMPORT...SHARED. This feature is new with 4.6. According to SAP's documentation, this memory may be purged when space is needed.