Unexpected message

How to deal with unexpected message?

1. Go to Message long text if available.

2. Read through the section in the message help text, process where appropriate.

Message help text component

- Diagnosis

- System response

- Procedure

3. Find the message location, the logic that drive the message appearance.

- Debugging

- Use "Where used list" function to find out the code where message is located (Not applicable for dynamic call)

How to debug and locate the message in the program?

1. Debugging

  Set Debugger ON

  In Debugging screen, Set dynamic breakpoint on command "Message"

  Select debugging -> Continue (F8)

  When program reach MESSAGE command, cursor will be stopped

  Check the above logic before get into the current command, see the related data/value from debugging screen.

2. Using "Where used list" Function in message workbench SE91/SE80

  When message is displayed, Double click on the status bar(if the message appear only in status bar , not popup) OR press F1 for popup message.

  Go to transaction code SE91/SE80 to find the location of the message call.

Update terminate

Update terminate: Message/SAP internal mail will be sent to the transaction owner, either Error message Or ABAP runtime error (short dump) might be created.

Analyzing the error

Go to transaction code SM13 to analyze the update error.

(Or Select *Tools --> Administration --> Monitoring --> Update*)

Go to detail in update modules, You will get the following information:

Where the error occurred: Program name, function module, line number and error text. (go to ABAP short dump Or Editor to locate the position)

Why the error occurred: