

Objectives:

- Understand and get an idea on what ABAP/4 programming does, and what is the component in ABAP workbench
- Get to know common statement, understand the ABAP program logic roughly.
- Able to do the basic investigation when facing the problem.

How to:

- Switch on the debugger.
- Set and delete static and dynamic breakpoints.
- Set Watch points.
- Stop a program at specific key words or events or when a fields contents change.
- Continue processing after an interrupt.
- Display field contents during runtime.
- Display the contents of an internal table.
- Change field contents for testing purposes.
- Change the contents of an internal table.
- Display and use the debugger's six different views.

Start debugging:

/h

Start the debugger in Normal mode. Press enter to start.

/hs

Start the Debugger in System mode, for example, in order to debug the system program (program with type S)

Appropriate menu options under system -> Utilities -> Debug ABAP

Break-points Command.

SE38 Start of programs in the debugging of transaction code SE38

SM50/SM51 via debugging menu

SE80 - Object browser

Set and delete static and dynamic breakpoints

Static break-point

Command BREAK-POINT. Or BREAK <User name>

Dynamic break-point

In ABAP Editor SE38 --> Utilities --> Breakpoints --> Display/Set

In Debugging mode

Place the cursor on the statement

Choosing break-point -> Set/Delete

At ABAP command

At Event/Subroutine

At Function module

System exception