

► EXECUTE DIRECTLY

The script is executed immediately with the current conditions.

► AFTER DEBUGGING EVENTS

The script is run after the selected trigger events are reached. You can select any of the following three triggers:

► DEBUGGER SINGLE STEP

If you select this trigger, the debugger runs a single step in the source code. This is the same as using the single step function (**F5**) in the normal debugging scenario.

► BREAKPOINT REACHED

If you select this trigger, the debugger script runs every time the breakpoint condition is reached. The **CHANGE** button also appears if you select this option and allows you to open the Breakpoints tool at the bottom of the screen. You can modify breakpoint conditions with this tool.

► WATCHPOINT REACHED

If you select this trigger, the debugger script runs every time the watchpoint condition is reached. The **CHANGE** button also appears if you select this option and allows you to open the Watchpoints tool at the bottom of the screen. You can modify watchpoint conditions with this tool.

Start the script by using the **START SCRIPT** button on the left. The debugger behaves exactly the same as the normal debugging scenario because there is only a break statement in the script. The script stops on the trigger condition and waits for user action.

If you select **CONTINUE SCRIPT**, the ABAP program will be executed to the next trigger condition and again stops. You can use the **EXIT SCRIPT** button whenever you want to stop the execution of the script. The `script` method is executed at each stop, and the `end` method is executed when you exit the script.

So far, we've used only the default script template to see the basics of the tool. Now, let's go one step further and see how you can benefit from the tool and handle the custom debugging scenarios.

Click the **SCRIPT WIZARD** button just above the editor window on the tool. The **SCRIPT WIZARD** window opens showing the **DEBUGGER SCRIPT SERVICES** list from which you can select the predefined script services that you can insert into the script. The script services are grouped in categories as shown in Figure 2. As you see, there are several categories, and each category has many script services that you can use for different purposes.

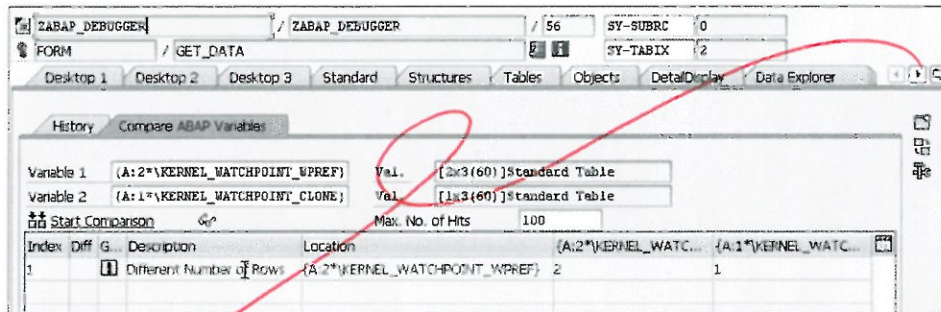


Figure 2 Script Wizard Window

You can insert any script service from the list by double-clicking it. Predefined debugger scripts also can be defined using the LOAD SCRIPT button on the left side of the editor. Click on the LOAD SCRIPT button, and select the script using the search help in the SCRIPT NAME field on the LOAD DEBUGGER SCRIPT popup window. You can also load a script from the local file by selecting the LOCAL FILE as SCRIPT SOURCE.

Now click the OVERVIEW OF DEBUGGER SCRIPTS button (🔍). An OBJECT BROWSER window opens providing an overview of debugger scripts. Select the script from the collection categorized by the topic as shown in Figure 3.

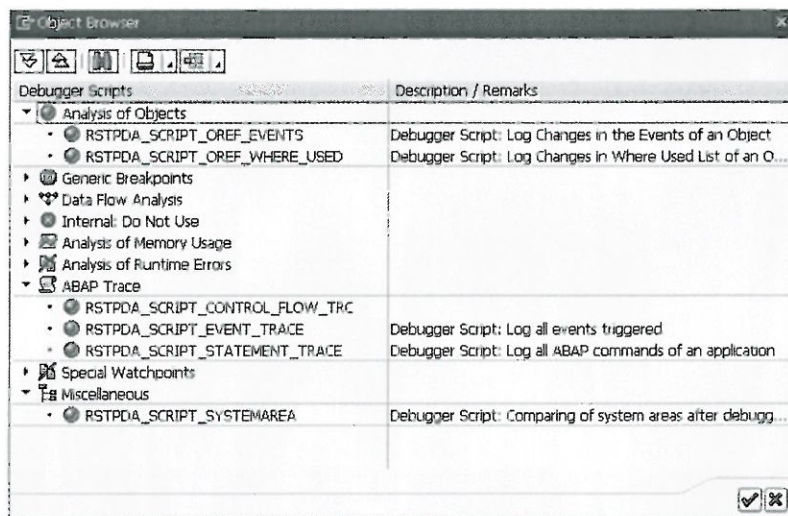


Figure 3 Overview of the Debugger Scripts