SAP GUI Scripting
Automation and Integration of SAP GUI for Users and Developers

Scope

SAP GUI Scripting adds a macro-like interface to SAP GUI. It was introduced in 2002 and is an SAP endorsed technology.

Users can utilize SAP GUI Scripting to automate SAP GUI by executing scripts that emulate user interaction. These scripts can be created manually from scratch or by recording user interaction.

While a simple script may be used to preset data on a SAP GUI screen, more complex scripts can easily automate whole transactions and even open connections to SAP systems automatically.

On the other hand, when using “SAP GUI for Windows”, SAP GUI Scripting enables developers to automate SAP GUI, which in turn may be used to integrate SAP GUI with other applications. Existing applications based on SAP GUI Scripting include automatic test tools for functional testing, load testing and transaction performance monitoring, but also frameworks that integrate SAP GUI with non-SAP applications.

Technology

The SAP GUI Scripting interface is implemented as a COM interface in “SAP GUI for Windows”. As a result the interface can be used from any programming language capable of invoking COM objects, such as C++, Visual Basic® including VB Script and VBA, JScript® and many others.

“SAP GUI for Java” comes with a built-in Javascript® engine. There are currently no external interfaces available.

Availability

Scripting is available for the following SAP GUI releases:
- “SAP GUI for Windows” 6.20 and above
- “SAP GUI for Java” 6.20 and above
Compatibility

Scripting support is available for all SAP system versions currently supported by SAP.

Requirements

**SAP GUI Scripting** is disabled by default on any SAP system for security reasons. To enable the support a certain kernel patch level and ABAP support package level is required. SAP note 480149 contains a list of the requirements.

Shipment / Download

**SAP GUI Scripting** is shipped as part of the SAP GUI installation, which can be downloaded from the SAP Service Marketplace at [http://service.sap.com/installations](http://service.sap.com/installations)

Patches for SAP GUI are available from [http://service.sap.com/patches](http://service.sap.com/patches)

Further information

The **SAP GUI Scripting** documentation can be downloaded from theScripting homepage that is available at [http://sdn.sap.com/irj/sdn/sap-gui](http://sdn.sap.com/irj/sdn/sap-gui)
by clicking on the **SAP GUI Scripting** link in the lower right section.

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