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# SAP GUI Scripting

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

**SAP GUI Scripting** simplifies user interaction with SAP GUI and enables developers to create powerful applications by offering a macro-like interface that can be used for automating tasks or integrating applications.

### Scope

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

User 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 R/3 versions currently supported by SAP
- applications built on top of SAP Web AS 6.10 – 6.30

## 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. OSS 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>

Patches for SAP GUI are available from <http://service.sap.com/patches>

## Further information

The **SAP GUI Scripting** documentation can be downloaded from the Scripting homepage that is available at <http://service.sap.com/sapgui> by clicking on the **SAP GUI Scripting** link.

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