



GO BEYOND

SAP SCRIPTING ACCESS AND USAGE GUIDE

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SUMMARY AND PURPOSE

THE MAIN STEPS AND WHY

Purpose

- Get access to SAP scripting so that you use and/or create tools that use VBA to navigate the SAP GUI

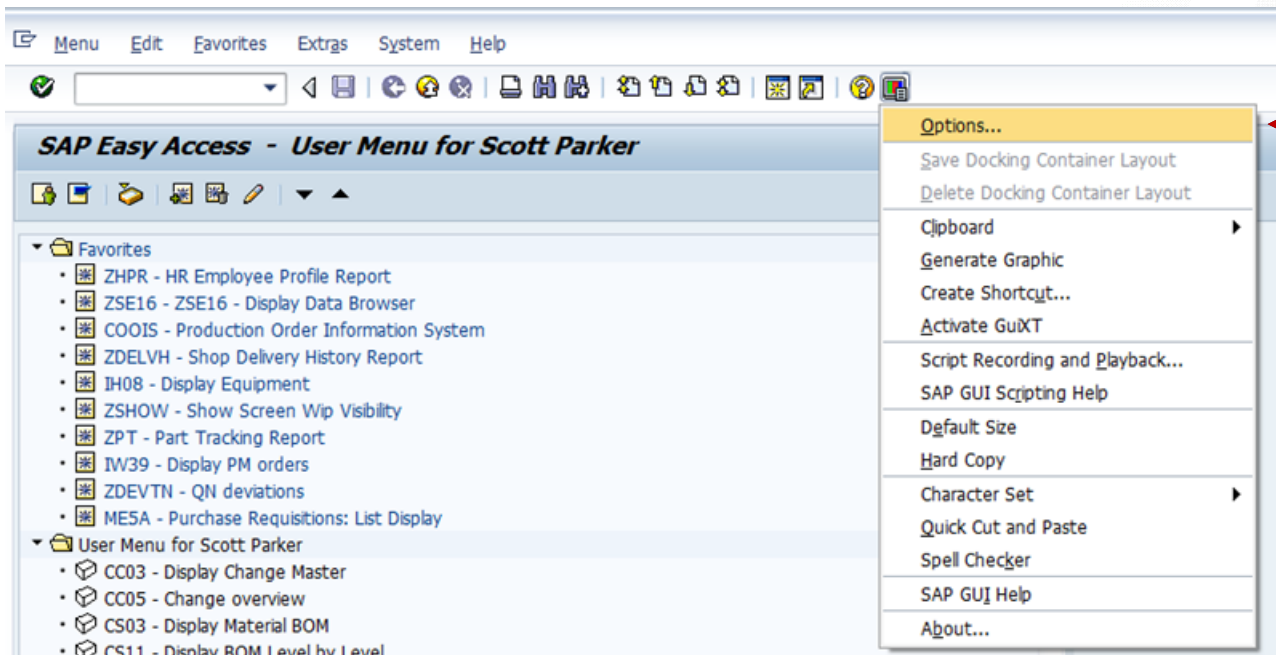
The Steps

1. Check if you have SAP scripting
2. Request SAP Scripting
3. Change SAP settings to prevent interruptions from dialog boxes

STEP 1 - CHECK IF YOU HAVE SAP SCRIPTING

OPTION 1

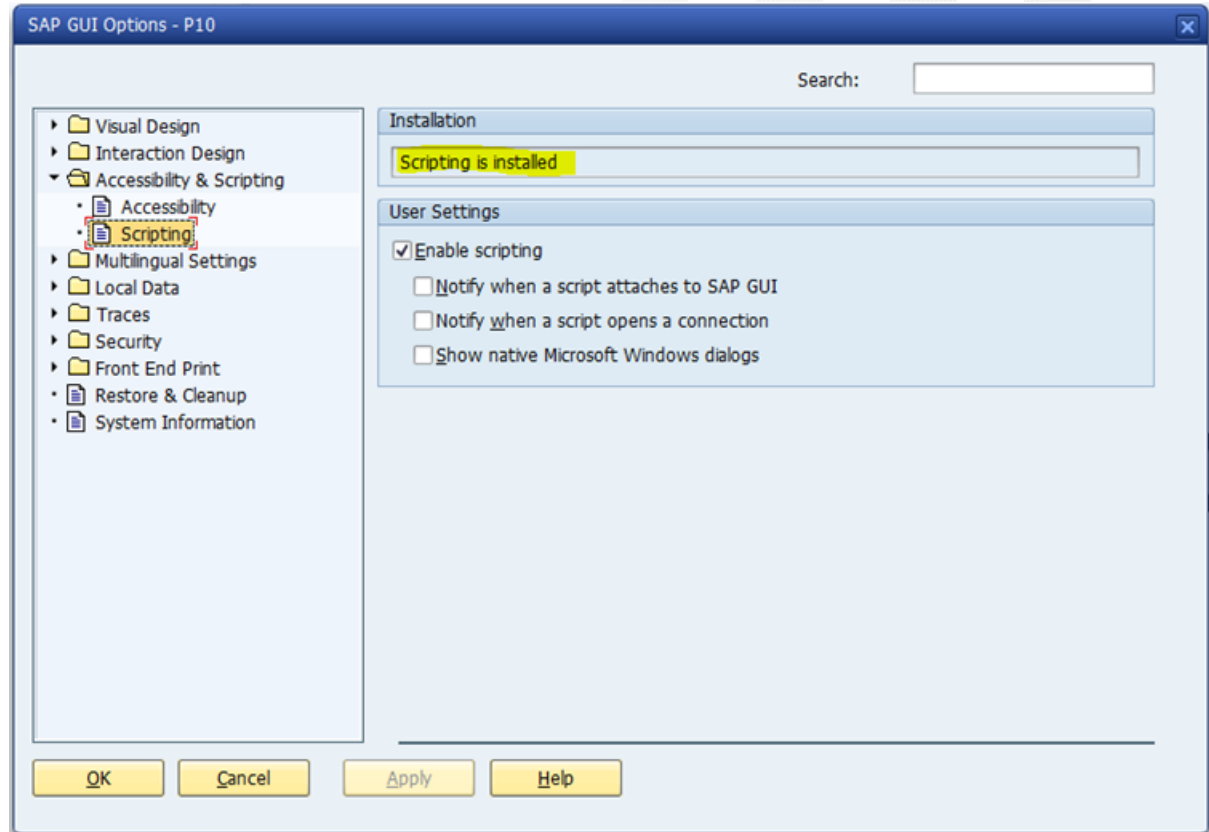
- Open an SAP P10 session and open Options



STEP 1 - CHECK IF YOU HAVE SAP SCRIPTING

OPTION 1 (CONTINUED)

- Inside the options window, navigate to:
 - Accessibility & Scripting
 - Scripting
- If it says Scripting is installed, then you can skip to STEP 3.



STEP 1 - CHECK IF YOU HAVE SAP SCRIPTING

OPTION 2

- Another option is to run ZHPR on the relevant Clock Number.

The screenshot shows the SAP HR Employee Profile Report selection screen. The title bar includes 'Program Edit Goto System Help'. The main title is 'HR Employee Profile Report'. Below the title, there are icons for a clock, a person, and a document. The 'Selection Criteria' section contains three input fields: 'Clock Number' (with value 'X004866'), 'Cost Center', and 'Supervisor Clock Number'. Each field has a 'to' field next to it. There are also three yellow buttons with arrows. At the bottom, there is a checkbox labeled 'Do Not Include SAP Security Detail Information'.

- Look for Profile/Role named ZS_SCR.
- If you have ZS_SCR, you have SAP scripting enabled. Skip to STEP 3

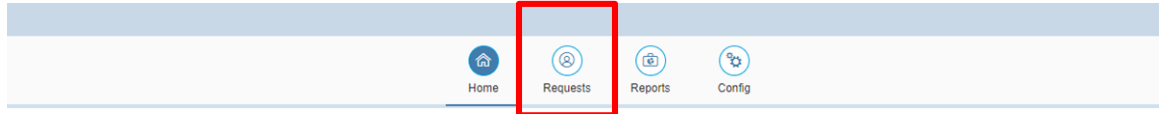
HR Employee Profile Report									
HR Employee Profile Report									
CLOCK NUMBER : X004866									
DATE : 03/14/2022									
TIME : 15:14:58									
PAGE NO. : 1									
Clock#	Employee Name	User Group	Supervisor	Cost Center	Cost Center Approver	Controller Name	Profile / Role	Profile / Role Description	
X004866	Parker Scott	U_AUTOAIR							
							ZSD13.OEM1	Change Sales Order - OEM	
							ZSE16.ZQM1	ZSE16 display access for table ZQME418	
							ZS_SCR	Auth object for S_SCR	

STEP 2 – REQUEST SAP SCRIPTING

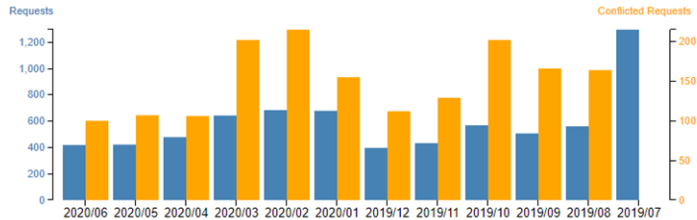
REPRODUCTION OF INSTRUCTIONS IN Requesting Scripting Access.pptx FROM OLDHAM CECIL

Link to SecurePro: <https://securepro.pw.utc.com/SecurePro/index.html>

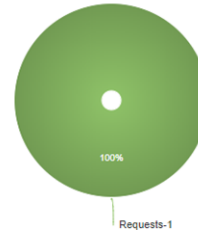
1) At top of page – Select 'Requests'



Total Processed Request by SecurePro



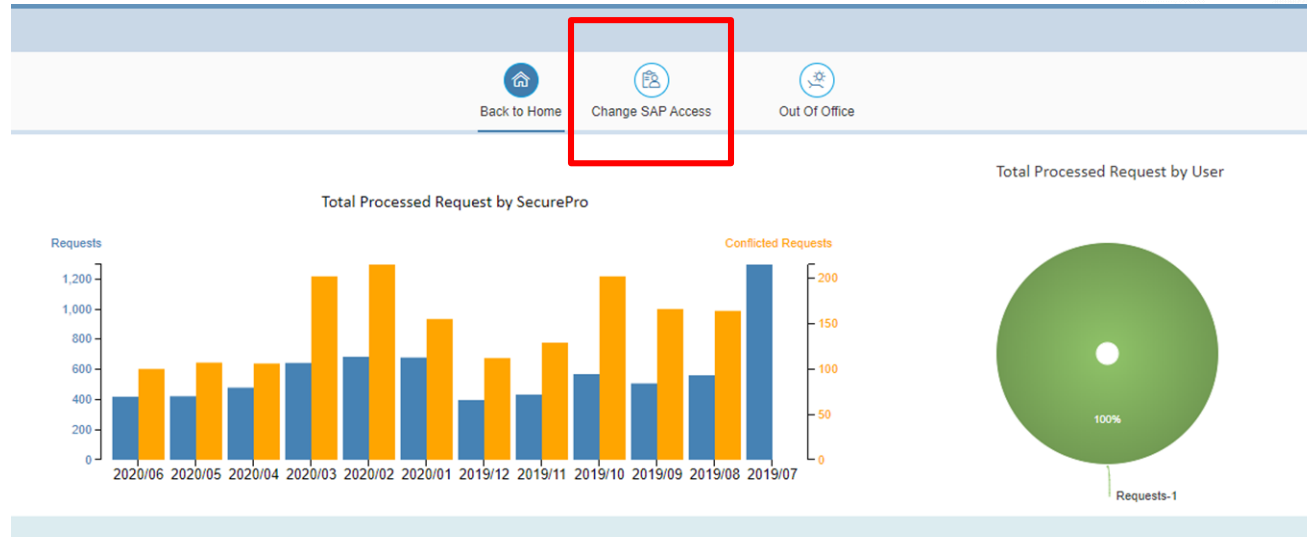
Total Processed Request by User



STEP 2 – REQUEST SAP SCRIPTING

Requesting Scripting Access.pptx (continued)

2) At top of page – Select 'Change SAP Access'



STEP 2 – REQUEST SAP SCRIPTING

Requesting Scripting Access.pptx (continued)

3) Fill in the 'Business Justification' field, and enter your Supervisor information (use the search button)

Requester			
Last Name	First Name	Email	User ID
<input type="text" value="Cecil"/>	<input type="text" value="Oldham"/>	<input type="text" value="oldham.cecil@prattwhitney."/>	<input type="text" value="X003474"/>
<div>*Business Justification</div> <div></div>			
Applicant			
Last Name	First Name	Email	User ID
<input type="text" value="Cecil"/>	<input type="text" value="Oldham"/>	<input type="text" value="oldham.cecil@prattwhitney."/>	<input type="text" value="X003474"/>
Valid From	Valid To	User Group	
<input type="text" value="2018-07-09"/>	<input type="text" value="9999-12-31"/>	<input type="text" value="U_CANMC_OL"/>	
Supervisor			
Last Name	First Name	Email	*User ID
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

STEP 2 – REQUEST SAP SCRIPTING

[Requesting Scripting Access.pptx](#) (continued)

4) Use the 'Search Roles' button to find Role 'ZS_SCR'. Check Box and select 'Add'

Submit

Search Roles

Risk Analysis

Type 'ZS_SCR' into search box

Role

ZS_SCR

TCode

Add

Search Roles

<input checked="" type="checkbox"/>	Description	Role
<input checked="" type="checkbox"/>	Auth object for S_SCR	ZS_SCR

STEP 2 – REQUEST SAP SCRIPTING

Requesting Scripting Access.pptx (continued)

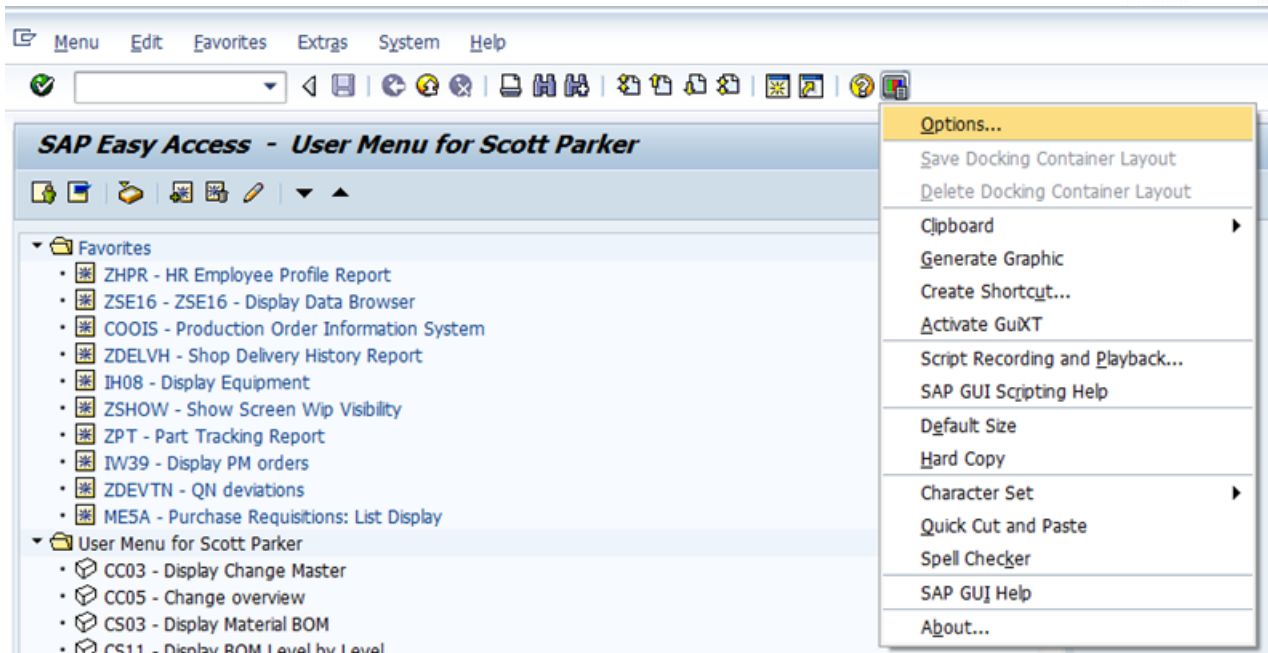
5) Submit the Request



STEP 3 - CHANGE SAP SETTINGS

ENABLE SCRIPTING

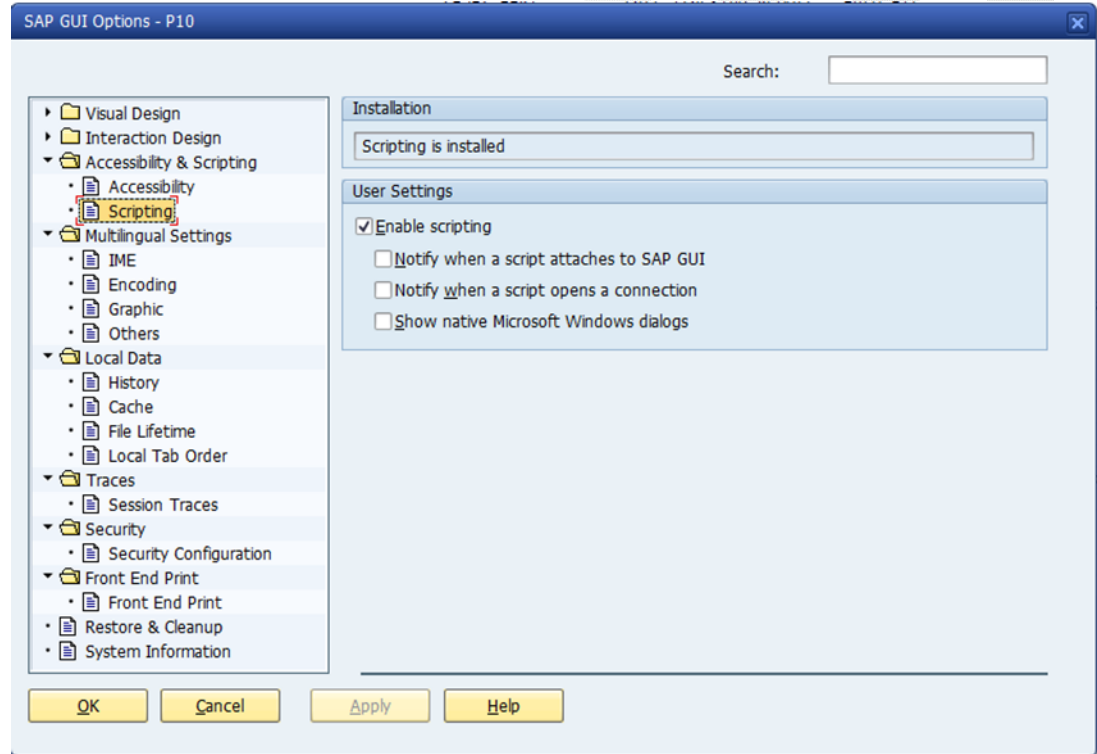
- Open a P10 session and open options



STEP 3 - CHANGE SAP SETTINGS

ENABLE SCRIPTING

- Navigate menu to:
 - Accessibility & Scripting
 - Scripting
- Change your settings to match those shown in the image.
 - These settings will enable scripting and prevent annoying notification windows from popping up.



SETUP COMPLETED - YOU ARE READY TO RUN MACROS THAT USE SAP SCRIPTING

- Part Tracking Report: Sales Order / SM Order View**

Plant: 5340 , Sales Order line items: 948 , SM Orders: 744

Sales Grp	Cell Desc	Rcvd Date	Cust Name	SO Matl	SO Matl Desc
BVC		11/28/2016	LUFTHANSA TECHNIK AG	5322121	BLADE ASSY OF-FAN
BVC		11/27/2017	PRATT & WHITNEY RSL	5322121	BLADE ASSY OF-FAN
BVC		11/27/2017	PRATT & WHITNEY RSL	5322121	BLADE ASSY OF-FAN
BVC		02/06/2018	P&W COLUMBUS ENGINE CENTER LLC	5324521	BLADE ASSY OF-FAN

SAP GUI Security

The system is trying to create the file
C:\Users\X004866\EXPORT.XLSX
in the directory
C:\Users\X004866\
Do you want to grant the permission to modify the parent directory and all its subdirectories?

☒ Remember My Decision

[Allow] [Deny] [Help]

FINAL NOTES

WHERE SAP GUI SECURITY CONFIGURATIONS ARE STORED

- If you ever want to review the specific Security Configurations navigate to
 - Options
 - Security
 - Security Configuration
 - Click “Open Security Configuration”
- This is where the permissions to write to particular file locations are stored.

