

**SAP Automation** 

## **SAP Automation - Agenda**

- Why SAP Automation?
- Example Screens
- Automation
  - Activating scripting
  - **U** Usable activities
  - General challenges

Best Practices Q&A Online Resources

# Why SAP Automation?

- Largely Used ERP
- Complex tool, challenging to automate
- Not all fields are accesible with selector

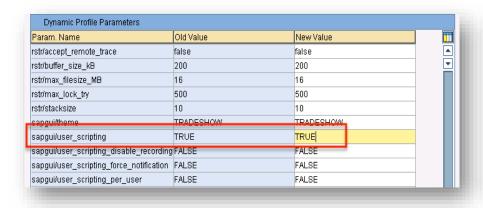
# **Example Screens**

#### Personnel Management:

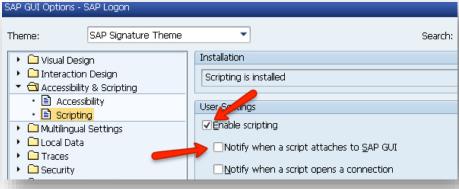
- PA10
- PB10

# Activate scripting

Server side



Client Side

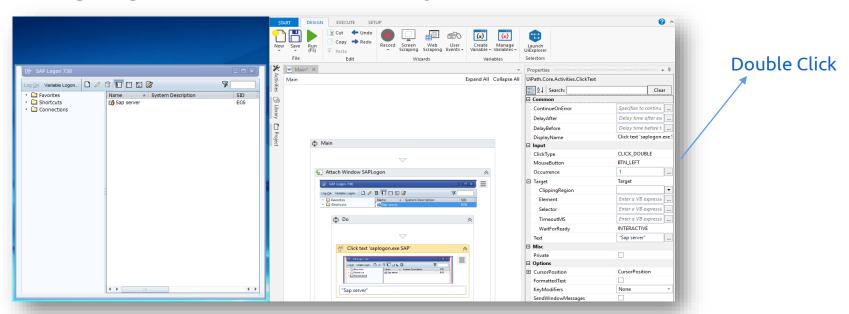


When Scripting activation is not possible, Click Image, Click Text & Keys will be used!

## **Automating Logon page**

#### Why Click Text?

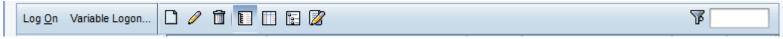
- There is no selector available
- The image might be different when is already selected.



#### **Automation choices**

#### Interface:

Buttons – Normal Click or Click Image if inside a frame



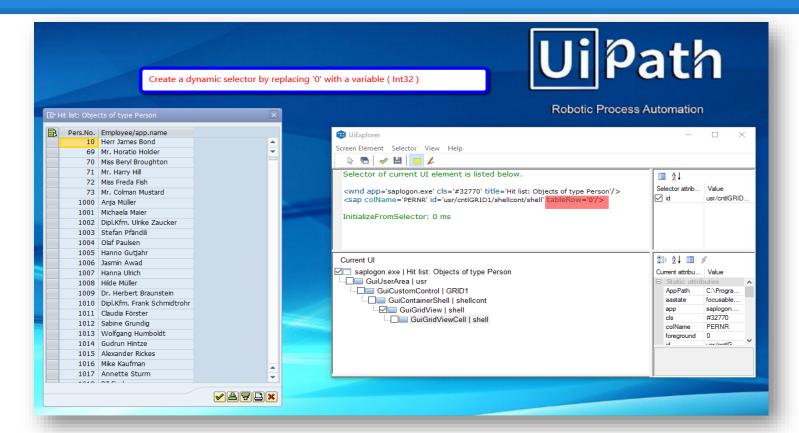
Lists and Tabs – Click Text



 Send Hotkey for most actions (going back, exit, moving to the next field with TAB etc.)



## Extracting one value from tables



# Extracting entire tables

Use Data Scraping wizard and select the whole table!

#### **Automation**

#### General challenges:

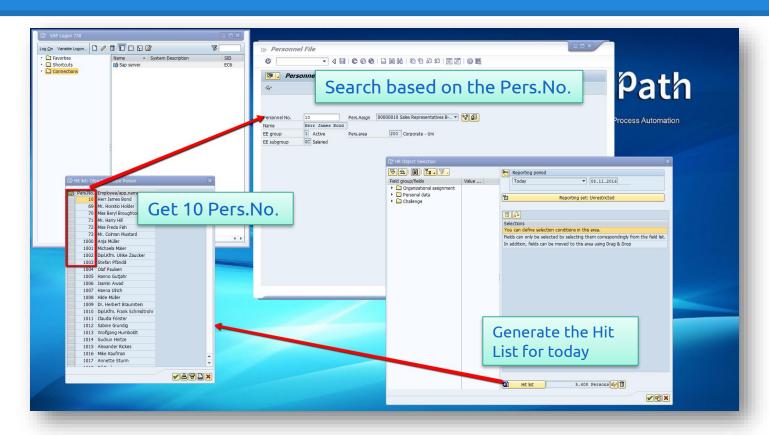
- Finding the easiest and fastest way to automate a screen
- Using delays for specific fields
- Some buttons become visible only after selection of the field
- List panes cannot be selected directly Use click text

# Exercise – Extract Payroll

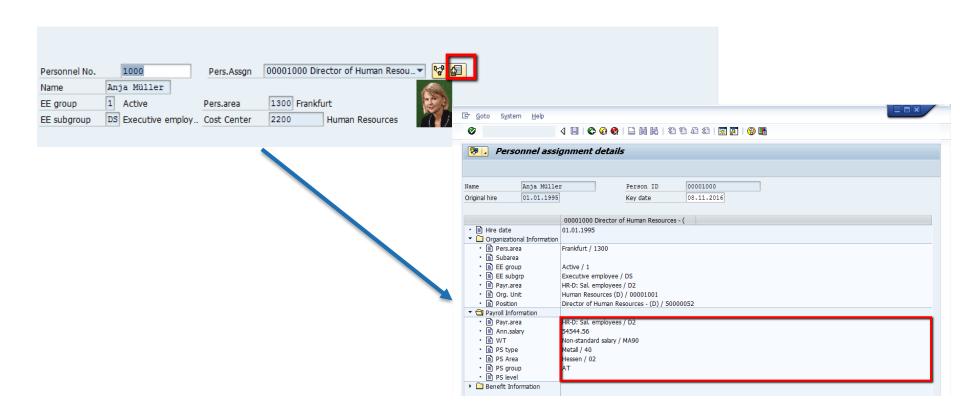
#### Create a robot that can:

- 1. Log into SAP by taking the credentials from Windows Credentials
- 2. Go to PA10
- 3. Press F4 in order to reach HR Object Selection
- 4. Create a report for today
- 5. Display the Hit List
- 6. Get 10 employee from Hit List
- 7. Based on Pers. No search and extract the Payroll Information

## Exercise – manual process details



#### Exercise – manual process details



# Ui Path

#### Online Resources

- How to enable scripting in SAP
- Exercise available here