

PwC Xtract ABAP - Extract Guide

Versions 5.x

This document contains guidance for using PwC Xtract ABAP. For installation guidance, please reference the installation guide. For troubleshooting information, please reference the troubleshooting guide.

Prerequisites

You will require:

1. A SAP user account with access to PwC Xtract ABAP program.
This may be your normal user account.
2. The extract parameter file (ending in .csv or .xls(x)) provided by your PwC representative.

Extraction Steps

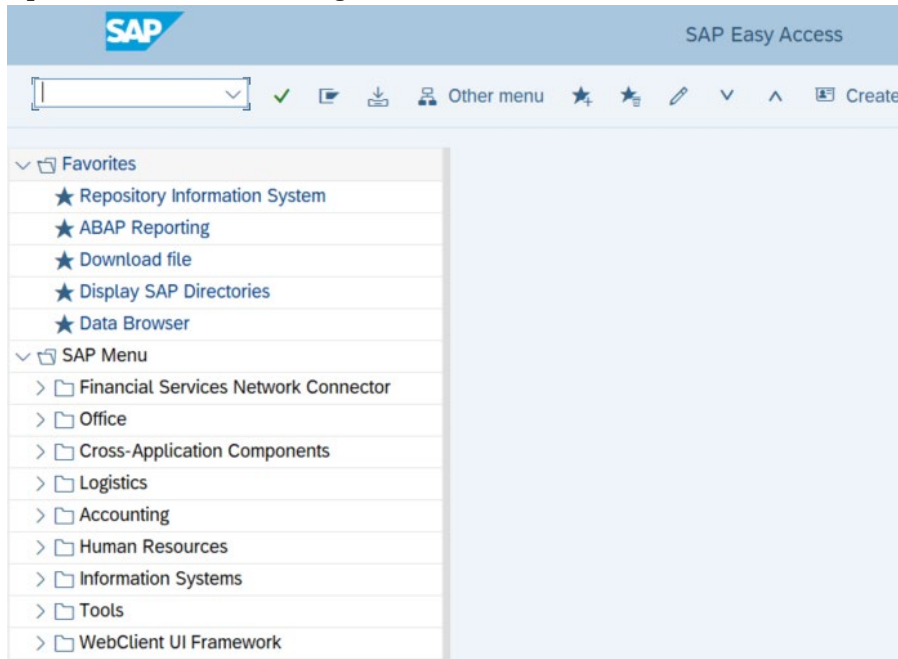
The extraction process is presented as a series of 5 steps:

1. **Opening PwC Xtract ABAP**
Open the SAP GUI, locating the PwC Xtract ABAP program and start it.
2. **Configuring the extraction run**
Select the parameter file and execute the extract.
3. **Monitor for completion**
Monitor the extraction background task identifying when it completes.
4. **Appendix**
Description of advanced extraction options

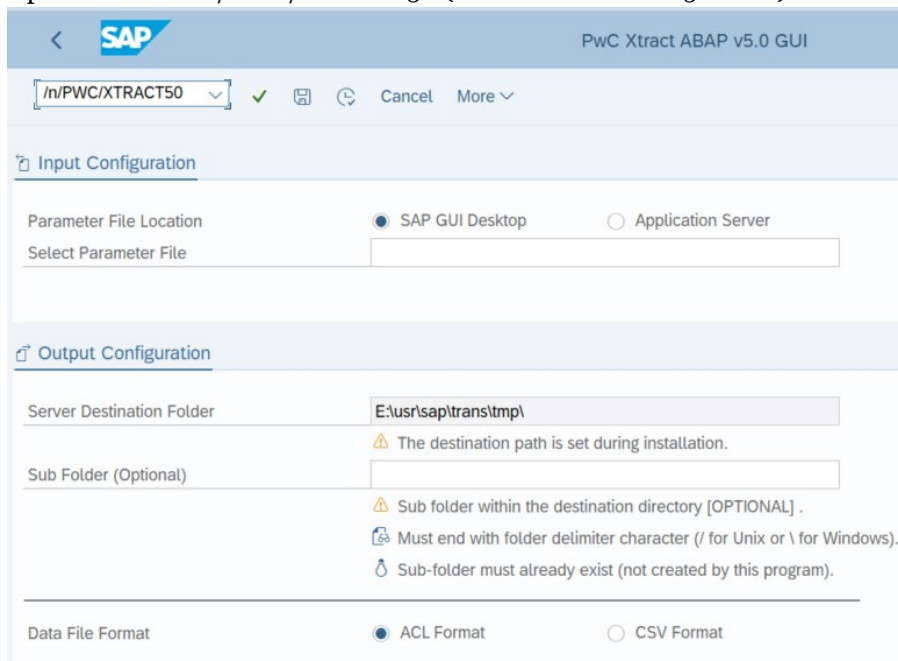
Step 1 - Opening PwC Xtract ABAP

Open the SAP GUI, locating the PwC Xtract ABAP program and start it.

1. Open SAP GUI client and login.



2. Open transaction /PWC/XTRACT50 (PwC Xtract ABAP v5.0 GUI)



Step 2 - Configuring the extract

Select the parameter file and execute the extract. The appendix of this document contains details on the advanced extract options and their usage.

3. Select the Parameter file provided by your PwC representative.

If the parameter file is located on the application server, choose “Application Server” as Parameter File Location (the path on the application server must match the logical path setup during installation).

Otherwise, leave the default option “SAP GUI Desktop”.

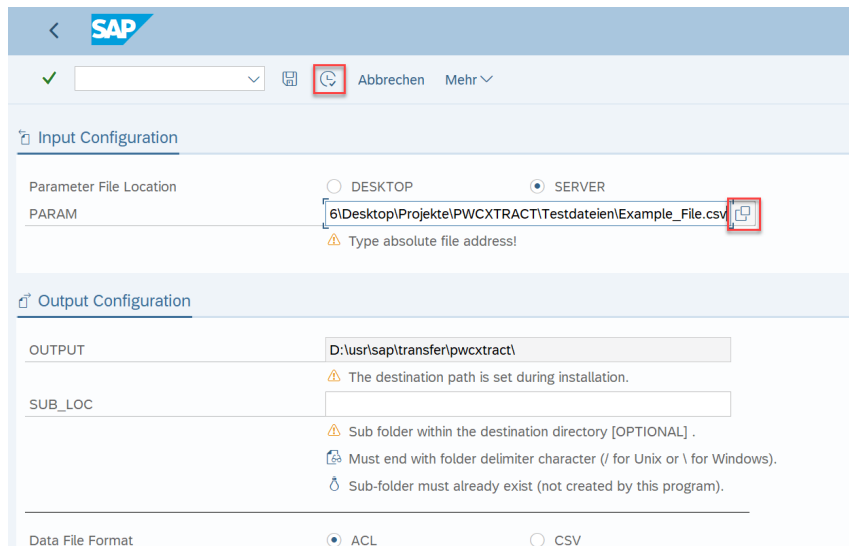
If you would like to execute the report as a background job, the parameter file must be located on the application server. This is relevant when storing the input values as a variant and executing the report as a background job as well as when executing the report directly as a background job (F9).

When using a csv file as a parameter file, please make sure that the file uses a ; (semicolon) as field delimiter. If it uses a different delimiter, please consult your PwC representative or consult the advanced settings in the appendix of this document to adjust the expected delimiter value.

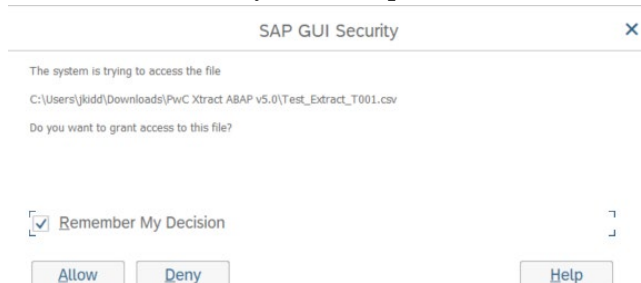
In most cases, all other options can be left with their default values. If you would like to make any additional changes, please consult the appendix of this document to learn about the other settings.

Note, parameter files provided in Excel formats (.xls, .xlsx, .xslm, .xlsb) require Microsoft Excel to be installed on the client.

4. Click Execute.



If a SAP GUI Security window opens, click Allow...

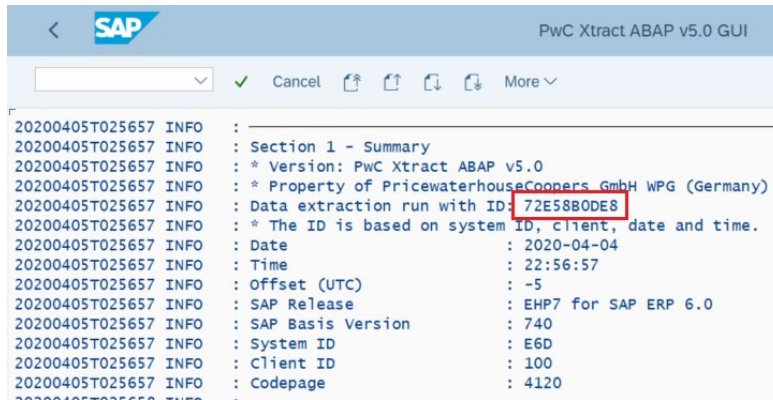


5. A window will display showing the generation log file.

Record the run ID, this will help identify when the program completes and its associated output files.

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The screenshot shows the PwC Xtract ABAP v5.0 GUI. At the top, there is a blue header bar with the SAP logo on the left and the text 'PwC Xtract ABAP v5.0 GUI' on the right. Below the header is a toolbar with a dropdown menu, a green checkmark icon, and buttons for 'Cancel', 'Print', 'Copy', 'Paste', and 'More'. The main area displays a log of information. The log starts with '20200405T025657 INFO : Section 1 - Summary'. It then lists several details: '* Version: PwC Xtract ABAP v5.0', '* Property of PricewaterhouseCoopers GmbH WPG (Germany)', 'Data extraction run with ID: 72E58B0DE8' (where the ID is highlighted with a red box), '* The ID is based on system ID, client, date and time.', 'Date : 2020-04-04', 'Time : 22:56:57', 'Offset (UTC) : -5', 'SAP Release : EHP7 for SAP ERP 6.0', 'SAP Basis Version : 740', 'System ID : E6D', 'Client ID : 100', and 'Codepage : 4120'.

```
20200405T025657 INFO : Section 1 - Summary
20200405T025657 INFO : * Version: PwC Xtract ABAP v5.0
20200405T025657 INFO : * Property of PricewaterhouseCoopers GmbH WPG (Germany)
20200405T025657 INFO : Data extraction run with ID: 72E58B0DE8
20200405T025657 INFO : * The ID is based on system ID, client, date and time.
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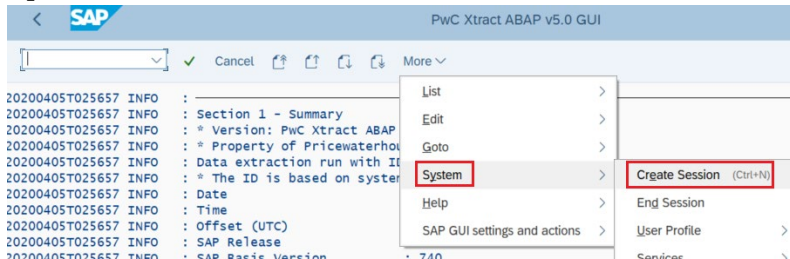
Note: Execution will continue as a background task, just because the generation log is presented does not mean that the extract is complete!

The extraction is always executed as a background job, even when starting the PwC Xtract in dialog mode.

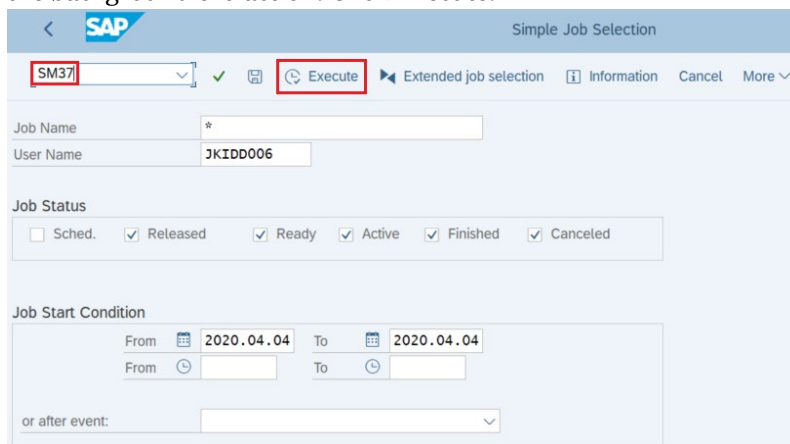
Step 3 - Monitoring for completion

Monitor the extraction background task to identify when it is completed.

- Open a new SAP GUI session.

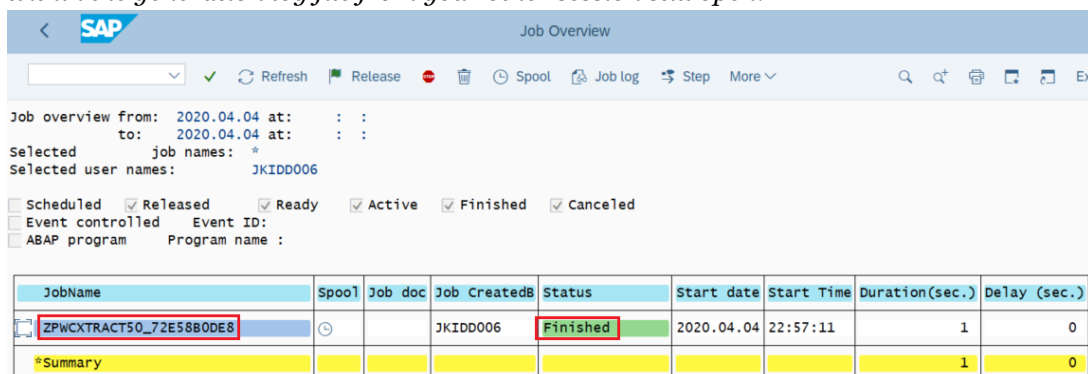


- In the new session, open transaction SM37 - Simple Job Selection, this will be used to check the status of the background extraction. Click Execute.



- The task should use all statuses

Note that the JobName starts with ZPWCXTRACT50_ and ends with the run ID which will match that within the generation log file from your other session still open.



Depending on the extract size, it may take some time to move to a Finished status.

Appendix

Description of each advanced extraction option.

Screen-shot nr.	Option	Default Value	Purpose
Screen: Input Configuration			
1	Parameter File Location	SAP GUI Desktop	Location of the parameter file. This can either be on your local computer or it can be on the SAP Application Server. If located on the application server, you need to supply the full path.
2	Parameter File Path	Empty	Path of the Parameter File. The file needs to be in Excel or csv format.
Screen: Output Configuration			
3	Server Destination Folder	<i>{Path Validation folder as set during the setup process}</i>	Output folder for all files created during the extraction process. The folder is set during the installation using FILE and the logical path ZPWCXTRACT50.
4	Sub Folder (Optional)	Empty	Can specify an optional subfolder in this location. Note that the folder has to exist!
5	Data File Format	ACL Format	Format of the extracted files. Options are: ACL Format - Audit Control Language CSV Format - Comma Separated Values (portable)
Screen: Advanced Settings Only change these settings under advisement of your PwC representative!			
6	Parameter File Field Delimiter	;	Denotes how fields are separated within the parameter file. This is only used if the parameter file is provided in CSV format.
7	Apply Max Records per File	Enabled	Specifies if the output should be split into multiple files if too large for a single file. If disabled, then compression and encryption is also disabled.
8	Max Records per File	500000	Maximum number of records to include in a single file before splitting into another file. Valid range is between 1000 and 1000000.
9	Zip Files	Enabled	Specifies if extracted files should be compressed. This saves significant disk space. If disabled, encryption is disabled as well.
10	Encrypt Data (If Key Present)	Enabled	Specifies if data files should be encrypted. If a parameter file does not include an encryption key, then a warning will be shown that data will not be protected.
Screen: Inspection / Testing Only use these options during product and installation testing			
11	Sample Extract Only	Disabled	Only take a small sample of records from the table. This prevents the whole table from being extracted.
12	Sample Size (Records)	1000	Number of records to extract as a sample. Valid values between 1 and 100000.
13	Perform Extraction	Enabled	Determines if the background extraction job should be created. Can be used to generate the extraction program, but manually install and run it elsewhere.
14	Run in Foreground Process	Disabled	Determines if the extraction should run in the foreground and not as a background process. <i>Note that foreground processes can typically only run for 10 minutes before timing out.</i>

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Input Configuration

Parameter File Location

☒ DESKTOP ☐ SERVER

1

PARAM

C:\Users\deXXXXX\SAP\ParameterFile.csv

2

Output Configuration

OUTPUT

D:\usr\sap\transfer\pwcxtract\

3

SUB_LOC

The destination path is set during installation.

4

Sub folder within the destination directory [OPTIONAL] .

5

Must end with folder delimiter character (/ for Unix or \ for Windows).

6

Sub-folder must already exist (not created by this program).

7

Data File Format

☒ ACL ☐ CSV

8

Advanced Settings

Only change advanced settings if requested to do so!

9

PARA_DEL

:

10

☒ SPLIT

11

RECORDS

500.000

12

☒ ZIP

13

☒ ENCRYPT

14

Inspection / Testing

Only use sampling during testing, not for full extraction runs!

15

☒ SAMPLE

16

LIMITREC

1.000

17

If disabled, no data will be extracted!

18

☒ EXECUTE

19

Disabling the extraction will only log the extraction report!

20

☐ FOREGRND

21

Foreground extractions are limited. Leave disabled if possible!

22

Other

VERSION

PwC Xtract ABAP v5.0

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