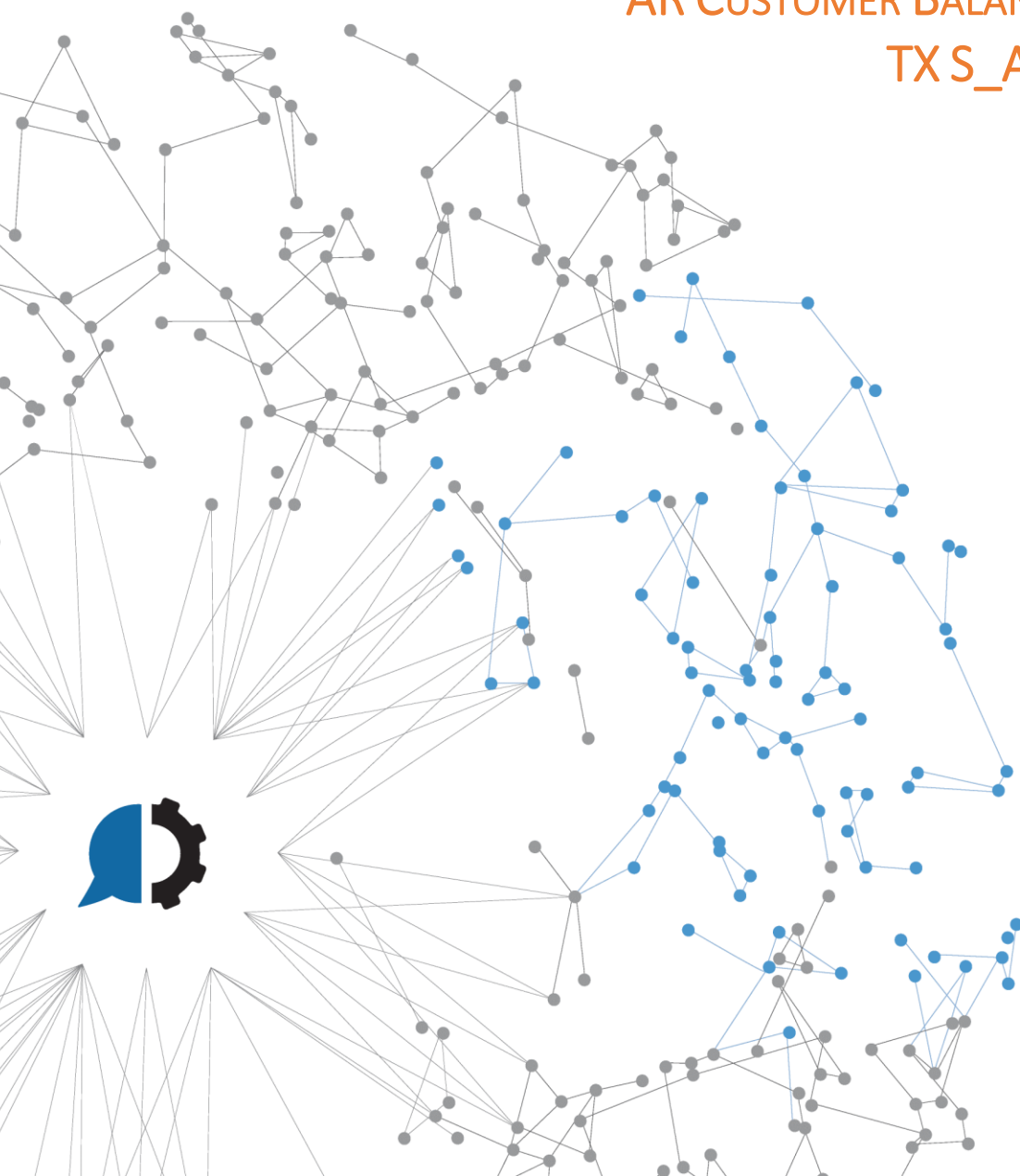




SAP BOT

AR CUSTOMER BALANCES TO TEXT FILE
TX S_ALR_87012172





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DETAILS

DOCUMENT INFORMATION

AUTHOR	CUSTOMER	CREATION DATE
HelpSystems	<<CLIENT>>	<<DATE>>

DESCRIPTION

This document provides information to help you understand the implementation, architecture and interfaces for the Automate Enterprise SAP BOT.

DELIVERY LIST

<<CLIENT>>	<<CONTACT1>> <<CONTACT2>>
HELPSYSTEMS	José Garay Dario Soria Sebastian Alvarez

FILE VERSIONING

VERSION	DATE	AUTHOR	DESCRIPTION
1.0	28/01/2020	José Garay	Initial document



OVERVIEW

This how to guide introduces the *SAP Bot - AR Customer Balances TX S_ALR_87012172 to text file*. Instead of spending precious time and resources on repetitive, manual tasks, let Automate go to work and streamline your IT and business processes with robotic process automation. With the help of Automate we can take over manual steps which greatly reduces the repetitive activities and improves the quality and consistency of the work. The top processes being automated are reports generation, file movement, data import and export, and scheduling batch processing.

SAP Bot - AR Customer Balances TX S_ALR_87012172 to text file executes the SAP Transaction *S_ALR_87012172* to get a list of Customer Balances and export the results to a text file (txt). You will be able to set a Customer account, Company code and the Fiscal year interval of time in years (from and to).

SAP transaction Screen:

< **SAP** Customer Balances in Local Currency

✓ [dropdown] [icons] Cancel More ▾ [icons] Exit

Customer selection

Customer account [input] to [input] [icon]
Company code [input] to [input] [icon]

Selection using search help

Search help ID [input]
Search string [input]
[icon] Search help

Reporting Time Frame

Fiscal Year 2020 to [input] [icon]

Further selections

Reporting Periods 1 to 16 [icon]
Reconciliation Account [input] to [input] [icon]
Account Balance [input] to [input] [icon]
Special G/L Indicator [input] to [input] [icon]

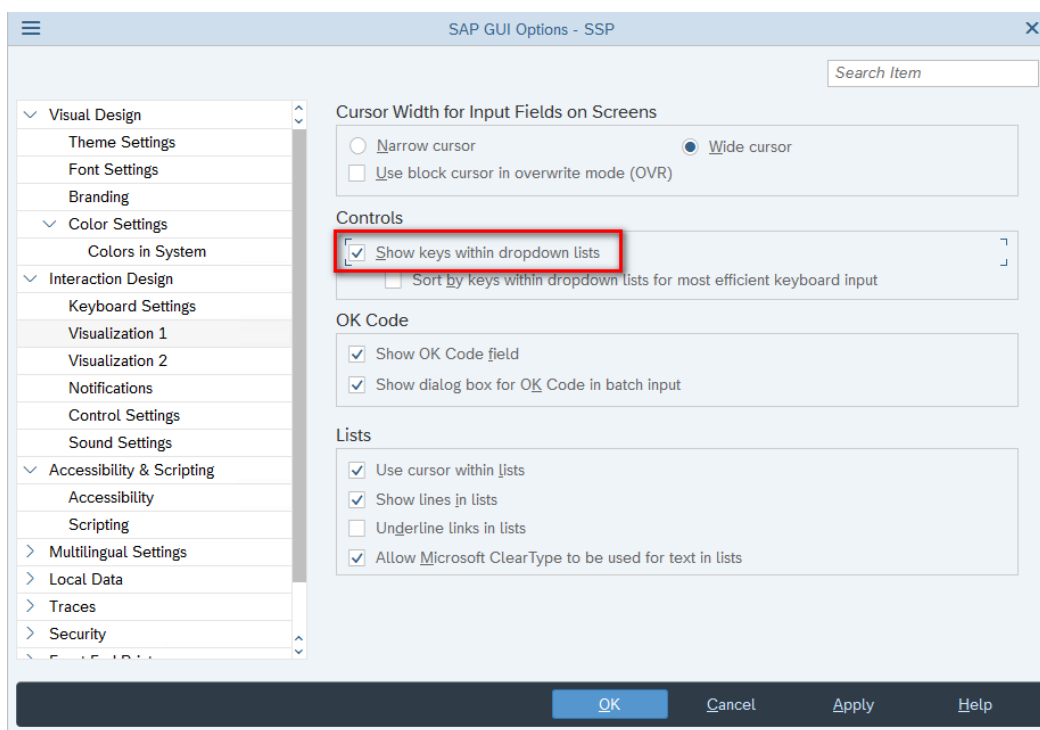
Output control

☐ Corporate Group Version
☒ Normal Balances
☐ Special G/L Balances
☐ Drill down one-time accounts
☐ Accounts Not Posted To



PREREQUISITES

- **Automate:** The SAP BOT depends on Automate software in order to work. The minimal supported versions are:
 - Automate Ultimate 11.2
 - Automate Plus 11.2
 - Automate Desktop 11.2
- **Automate Markup Language file (.AML):** The primary file type used in Automate which contains the steps of our SAP BOT task
- **SAP Client:** Our minimal requirements are
 - SAP Logon 760
 - Show keys within dropdown lists enabled

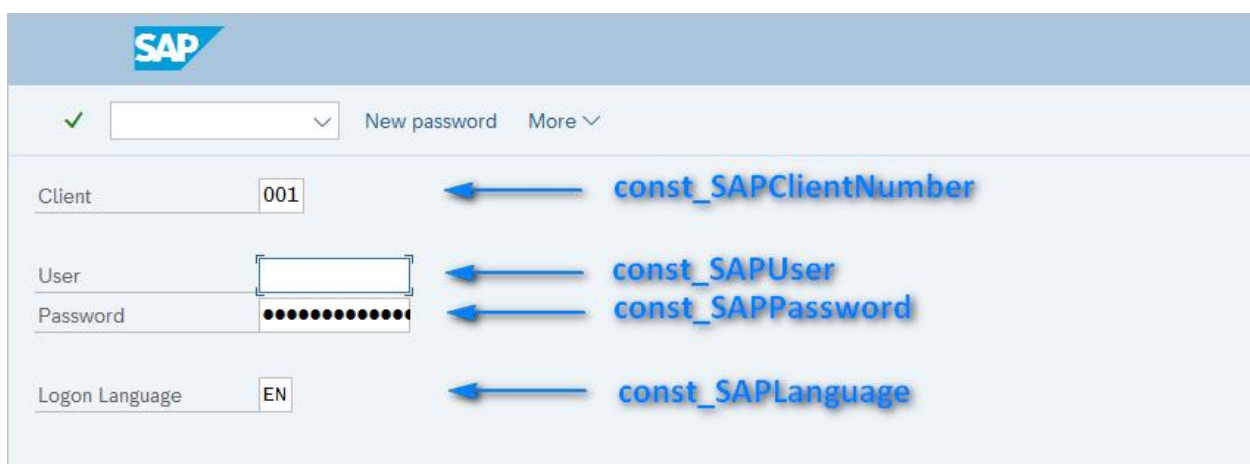
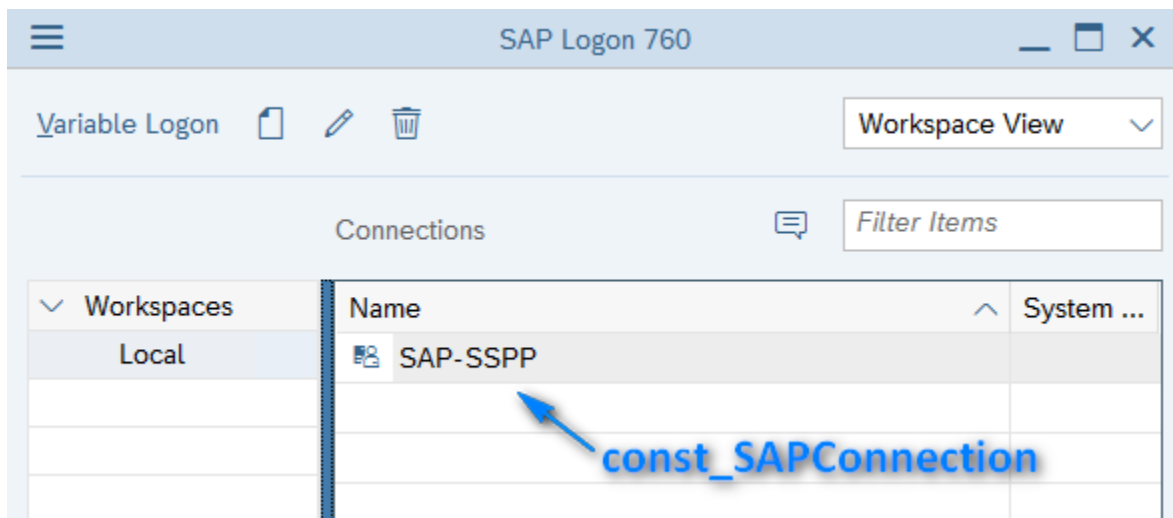


- A user with enough privileges to run the XD01 transaction

To check if you have the required level of authorization to run this and any transaction use SU53. Simply execute S_ALR_87012172 and then execute /NSU53 immediately afterwards. A report of all authorizations checked will then be displayed



- Automate constants for connection and SAP Login:
 - `const_SAPClientNumber`: SAP Client Number. By Default: 001
 - `const_SAPConnection`: SAP Login connection name
 - `const_SAPLanguage`: SAP Language. By Default: EN
 - `const_SapLogonPath`: SAP executable path. By Default: C:\Program Files (x86)\SAP\FrontEnd\SapGui\saplogon.exe
 - `const_SAPPassword`: SAP Login Password
 - `const_SAPUser`: SAP Login Username



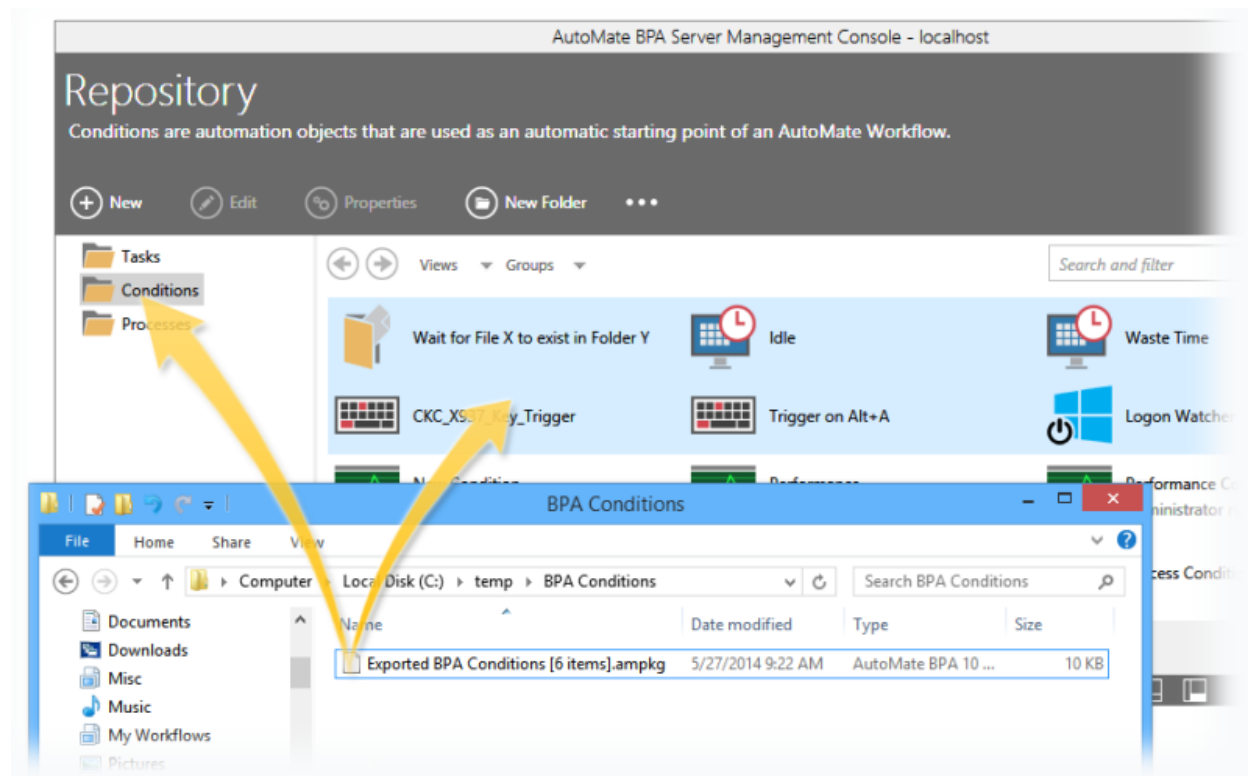


HOW TO IMPORT AN AUTOMATE TASK

Compatible file types can be imported to the repository via drag-and-drop

From the [Server Management Console](#), navigate to the Repository section

Drag the desired file(s) from its original location and drop them into the folder in the [SMC](#). Files can be dropped into the folder icon or the main panel (as shown below). Imported object(s) are automatically placed into their corresponding repository location.



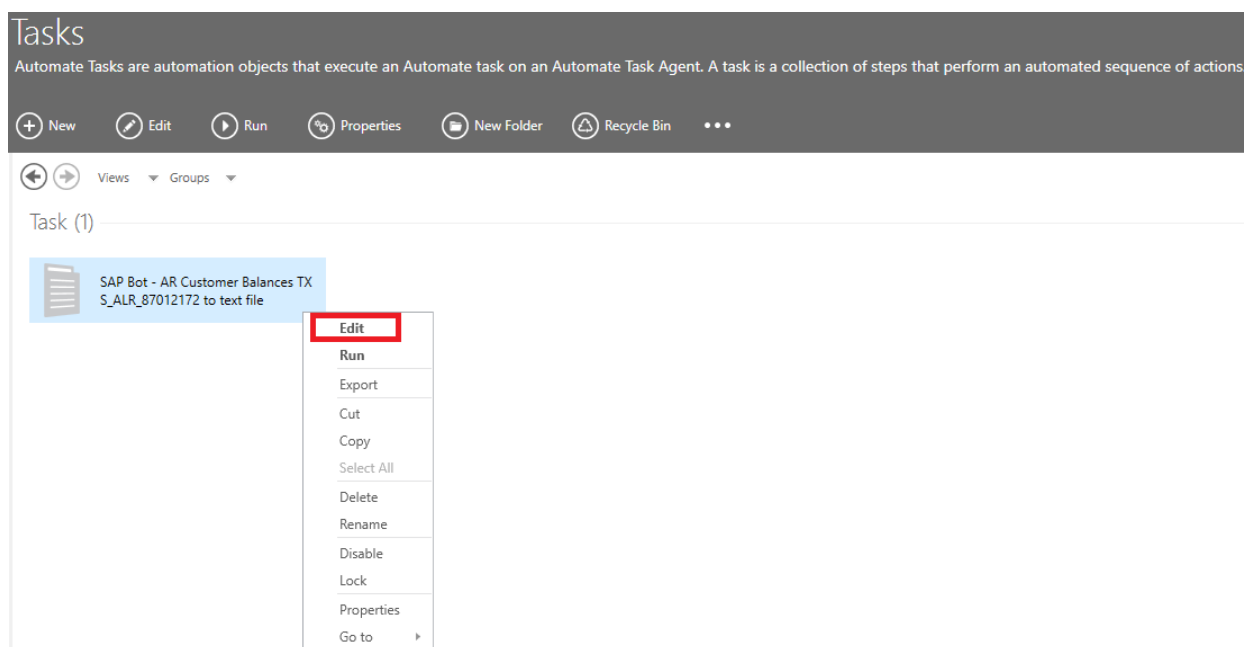


HOW TO EXECUTE THE SAP BOT - AR CUSTOMER BALANCES TX S_ALR_87012172 TO TEXT FILE

If this is the first time running this task, we will need to set some parameters

Open the [Server Management Console](#) and locate the imported task

Edit the imported task by right clicking on the task and selecting [edit](#)



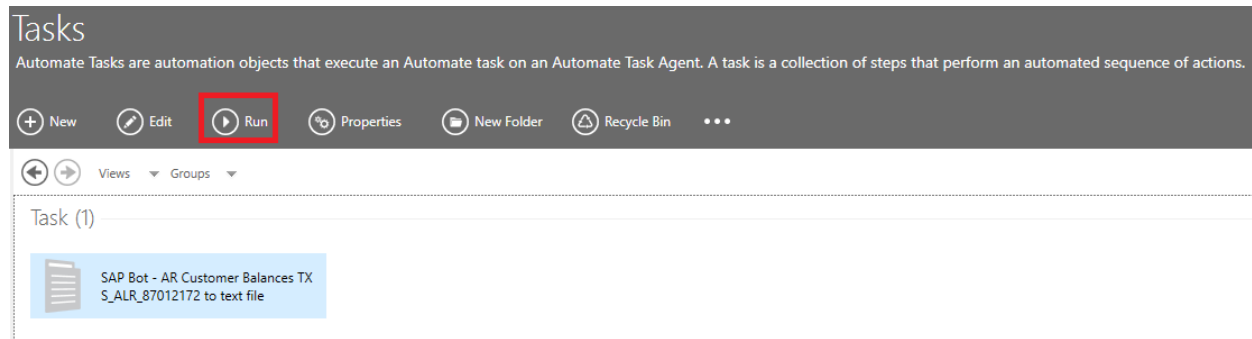
From [step 2](#) edit the next variables according to you desired output:

- [var_CustomerAccount](#): Identifier of the Customer account to which the balances will be queried.
- [var_CompanyCode](#): Identifier or Code of the Company to which the balances will be queried.
- [var_FiscalYearFrom](#): Reporting time frame – From Fiscal year interval.
- [var_FiscalYearTo](#): Reporting time frame – To Fiscal year interval.
- [var_FilePath](#): Path in which the resulting text file will be created.
- [var_FileName](#): Name of the resulting text file with the resulting Customer balances list.

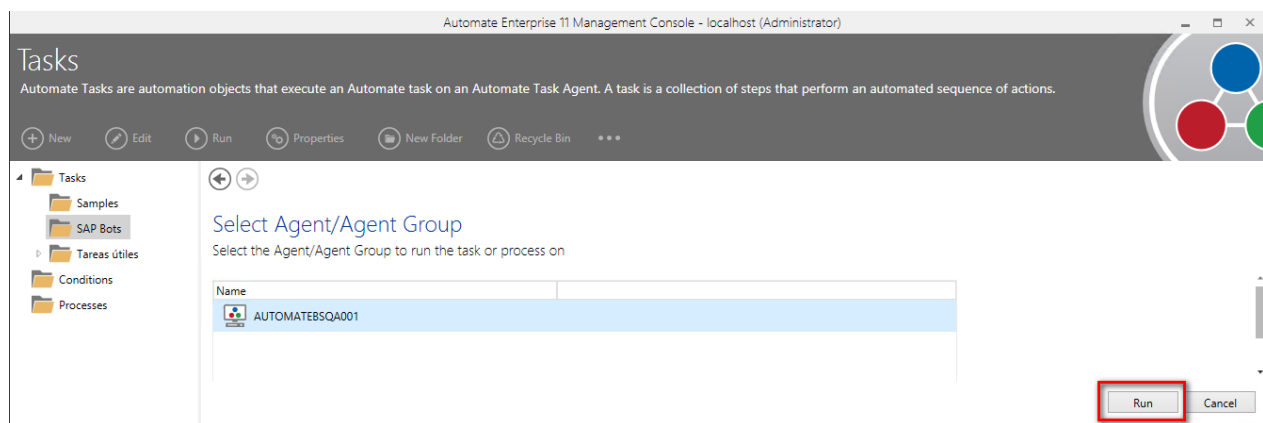
[Save and close](#) the task



Select the task and click on [Run](#)



Select your [Agent](#) and click on [Run](#) again



APPENDIX A – SAP TRANSACTION AND TEXT FILE OUTPUT EXAMPLE

In SAP :

SAP SE Customer Balances in Local Currency
 Walldorf
 Carryforwd Perio 00 - 00 2020 Reporting Period 01 - 16 2020

archTerm	SGL Ind. Crncy	Balance Carryforward	Debit rept.period	Credit report per.	Accumulated balance
Li					

SAP SE Customer Balances in Local Currency
Walldorf
Carryforwd Perio 00 - 00 2020 Reporting Period 01 - 16 2020
*** TOTALS FROM ALL COMPANY CODES ***

Time 16:04:57 Date 28.01.2020
RFDSL00/SSPP Page 2

Debit rept.period	Credit report per.	Accumulated balance

In resulting text file:

```
CustomerBalance.txt - Notepad
File Edit Format View Help

SAP SE                               Customer Balances in Local Currency           Time 17:51:03   Date 22.11.2019
Walldorf                             RFDSL00/SSPP      Page 1
Carryforwd Perio 00 - 00 2019 Reporting Period 01 - 16 2019

      CoCd      Reconciliation acct      Customer      SearchTerm      SGL Ind.      Crncy      Balance Carryforward      Debit rept.period

List does not contain any data

SAP SE                               Customer Balances in Local Currency           Time 17:51:03   Date 22.11.2019
Walldorf                             RFDSL00/SSPP      Page 2
Carryforwd Perio 00 - 00 2019 Reporting Period 01 - 16 2019
*** TOTALS FROM ALL COMPANY CODES ***

      Crncy      CoCd      SG      Balance Carryforward      Debit rept.period      Credit report per.      Accumulated balance

List does not contain any data
```



APPENDIX B - TROUBLESHOOTING

- Logs: Each iteration of our BOT creates a Log file for troubleshooting. You can locate the log file under C:\AutoMate\Tasks\<<TASK NAME>>. By Default, the task name is *SAP Bot - AR Customer Balances TX S_ALR_87012172 to text file*.



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