

## Data Extraction From Cheques-Paramatrix Technologies – ReadMe

### Bot Overview

This bot performs the following:

- The bot extracts the data from Cheque images and stores the extracted data in csv and the txt file
- The user has to provide image in Input Folder
- The image should be clear
- The Extraction Depends on quality of image and dpi
- The Bot extracts Bank Name, Account No ,IFSC Code, Amount, Amount in Words, Date, Cheque Number ,Micr code

### Pre-Requisites

- Automation Anywhere Client v11.3.x
- Google vision Api Enabled and Get the Service Account Key File (.json file ) give the path and name of this file to vCredentialPath variable

### Installation

- Download the bot from Bot Store.
- Double click the installation file (.msi) and follow steps mentioned on screen.
- The Bot folder structure would be as follows:
  - <AA Application Directory>
    - Automation Anywhere
      - My Tasks ○ Bot Store
        - DataExtractionFromCheques-ParamatrixTechnologies
          - My Tasks
          - My MetaBots
          - Input Folder
          - Output Folder
          - Error Folder

### How to Use the BOT?

- The Bot Details:
  - **DataExtractionFromCheques-ParamatrixTechnologies.atmx**
    - The bot extract data from cheque images and gives the extracted data in **ExtractedData.csv** and **ExtractedData.txt** in Output
    - The user has to provide Google vision Api Service credentials json file path in **vCredentialPath** variable

- The User have to keep cheque images in Input Folder
- Configure the following values in the Task Bot

Variable Name	Description
vOutputFolder	Sets the path to the output file that are generated in output Folder <b>ExtractedData.csv</b> and <b>ExtractedData.txt</b> that holds the extracted data
vErrorFolder	Sets the path for Error Folder where screenshots will be available
vInputFolder	Sets the path for Input Folder where user has to keep image Files
vFilePath	This variable is given as the input to Metabot logic and stores the path of file generated after extraction
vCredentialPath	In this variable User has to provide the GoogleVision api Service Account Key File json file Path and Name
vIfsc	This variable store extracted value of IFSC Code
vRupees	This variable is stores the Amount extracted from cheque
vRupeesInWords	This variable is stores the Amount in Words extracted from cheque
vAccountNo	This variable is stores the Account Number extracted from cheque
vBankName	This variable is stores the BankName extracted from cheque

vMicrCode	This variable is stores the Micr Code extracted from cheque
vChequeNumber	This variable is stores the Cheque Number extracted from cheque
vOutput	This variable is give the output from metabotLogic
vImageFileName	This variable has image file name
vApplicationPath	This variable has the path to the ExtractDetails.exe file

**Error Handling**

Invalid Input File Path or Service Key File is  
not found

An error Screenshot is taken and stored in Error Folder