Parascript FormsBot.AI

Readme

Version 1.1

04/28/2021

Table of Contents

1.   Introduction

This document contains all essential information for the user to make full use of this A2019 *Bot*. It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the Bot.

1.1   Overview

Parascript FormsBot.AI allows you to recognize any Alpha-Numeric fields on structured forms. The bot receives input images of forms that have to be read and returns results of automatic recognition of the target fields from these form images. The user has to prepare a Form Layout to provide information to the Bot about the location of the target fields that have to be recognized. It is accomplished in a special user-friendly tool that allows the user to easily outline the particular fields on a sample of a real form.

- *Example of a Sample Input & Output*

  Sample Image

  card #   941913576320

  Office copy
  (to be completed by store associate)

  404
  Store #

  012404
  purchase date

  Last Name
  Sutton
  First Name
  LAURA
  Mailing Address
  12410 IROQUOIS RD
  Apt #   City
                                 PALOS PARK
  State   Zip
  IL   60464
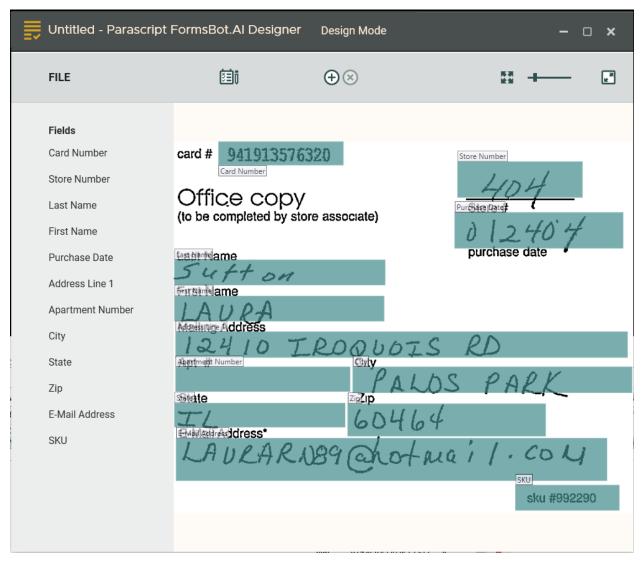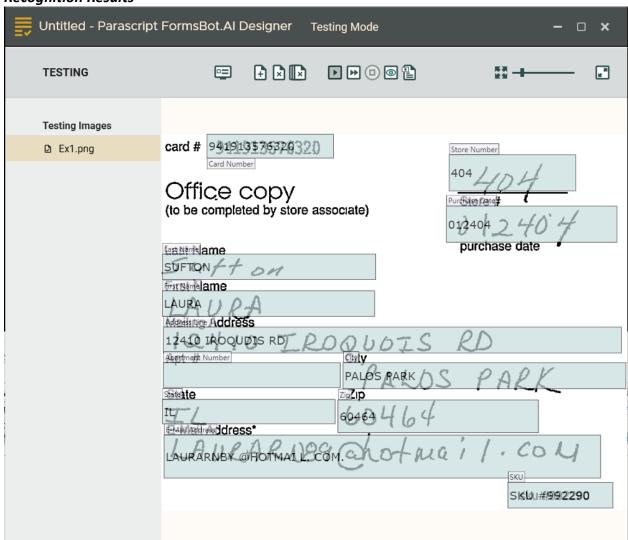 E-Mail Address*
  LAURARN89@hotmail.com

  sku #992290

Form Layout

Recognition Results

1.2   Use cases

Parascript FormsBot.AI is ideal for processes that require automated processing of forms-based information including:

- ▪ *Insurance Enrollment applications.*
- ▪ *Account-opening applications.*
- ▪ *Local and state government licensing applications*

Organizations can design and deploy one or more bots that automate the location and extraction of forms data including handwritten information.

2.   Requirements & Prerequisites

2.1   System Requirements

Operation Systems

Windows® 10
Windows® Server 2016

Browser requirements are identical to Automation Anywhere requirements

Hardware - Recommended requirements:

1. Processor Intel I7 and higher
2. 2.6GHz or faster
3. At least 4 cores
4. At least 16 GB RAM

2.2   Prerequisites

No special prerequisites are needed.

3. Getting Started

3.1 Quick Start

3.1.1 Setup

After Parascript FormsBot.AI is downloaded from Automation Anywhere Bot Store it is necessary to accomplish the following steps:

1) Install Parascript FormsBot.AI on those computers where forms processing will be accomplished. Parascript FormsBot.AI Recognizer and Parascript Forms FormsBot.AI Designer will be installed on the target computers.

2) Parascript FormsBot.AI includes a free 30-day trial license with the installation that supports up to N pages during the trial license period. The trial license is activated from the day of the software installation. For inquiries or to purchase a production license, go to https://www.parascript.com/formsbot-ai/ Inquiry.

3.1.2 Configuration and Use

For Bots:

o Start with preparing Forms Layout in the Parascript Forms FormsBot.AI Designer. All instructions are provided in a Quick start video demonstrating the process of Forms Layout preparation.

o Save the prepared Form Layout(s) on a forms processing target computer(s) for further use by FormsBot.AI.

o Refer to tables below for configuring the Bot –

INPUT VARIABLES: Input Variables to be mentioned in this Table				
Variable Name	*Type*	*Mandatory*	*Purpose*	*Example Input*
FormLayoutPath	*String*	*Yes*	*File path to the Form Layout which FormsBot.AI uses for recognition*	*c:\FormLayouts\Example1.dfl*
lImages	*List of Strings*	*Yes*	*List of file paths for recognition*	*c:\Forms\Form1.tif* *c:\Forms\Form2.tif* *…* *c:\Forms\FormN.tif*

OUTPUT VARIABLES: Output Variables to be mentioned in this Table.				
Variable Name	*Type*	*Mandatory*	*Purpose*	*Example Output*

dRecognitionResults	Dictionary of dictionaries	Yes	Stores recognition results	c:\Forms\Form1.tif -> Field1 -> Result1 Field2 -> Result2 ... FieldN -> ResultN c:\Forms\Form2.tif -> Field1 -> Result1 Field2 -> Result2 ... FieldN -> ResultN ... c:\Forms\FormN.tif -> Field1 -> Result1 Field2 -> Result2 ... FieldN -> ResultN

How to Use the Bot

1. Customer AA Workflow uses FormsBot.AI for recognition of scanned forms located in a particular folder, gets recognition results from FormsBot.AI and stores them in a CSV file.

2. Customer AA Workflow gets documents from emails attachments, stores them in a temporary folder, runs FormsBot.AI and stores results in an Excel file.

3. Customer AA Workflow obtains documents from Table1 of Corporate Database, stores them in a temporary folder, runs FormsBot.AI and stores results in a Corporate Database Table2.

4. Support & FAQs

4.1 Support

Parascript does not provide support for trial licenses.   You can get access to Community Support through the following channels:

- You can get access to Community Support, connecting with other Automation Anywhere customers and developers on APeople – the Bot Building Forum, the Bot Store Support Forum, or the Developers Everywhere Group.
- Automation Anywhere also provides a Product Documentation portal which can be accessed for
more information about Parascript products and guidance on Enterprise A2019.

Technical support is included for purchases of production licenses.

Online Information Service

Check <http://www.parascript.com> on the World Wide Web for the latest information about the company, Parascript's products and applications.

How to Contact Us

Parascript Customer Service is available to answer questions about business, pricing, upgrades, customization, and order status. Technical Support is available to answer questions about technology, integration, and troubleshooting. Contact us at:

Parascript, LLC

6273 Monarch Park Place

Longmont, CO 80503

Phone: 1-888-772-7478
Fax: 303-381-3101

E-mail: Customer Service
customer.service@parascript.com

Technical Support
techsupport@parascript.com

4.2 FAQs

1) What types of fields can be recognized?
   A. The current version of FormsBot.AI recognizes Alpha Numeric fields located on a single line.
2) Can I recognize handwritten fields?
   B. Both machine-printed and handwritten fields are recognized
3) What types of images can be provided as input?

        a. All well-known types of images: BMP, TIF, TIFF, PNG, PDF, JPG.
4) Can I recognize color or gray images?
        a. Yes, FormsBot.AI works with black and white, grayscale, and color images..
5) Can I recognize multi-page files?
        C. The current version of FormsBot.AI recognizes only single-paged forms.

For questions relating to Enterprise A2019: See the Enterprise A2019 FAQs.

Appendix A: Record of Changes

Instructions: Provide information on the version number, the date of the version, the author/owner of the version, and a brief description of the reason for creating the revised version.

No.	Version Number	Date of Change	Author	Notes
	1.1	*04/23/2021*		

Appendix B: References

No.	Topic	Reference Link
1	Overview of Enterprise A2019	Click here
2	Guidance: Building basic A2019 bots	Click here
3	Guidance: Building A2019 action packages	Click here
4	APeople Community Forum	Click here
5	Automation Anywhere University	Click here