



# **Generate Reader Readme**

---

**Version 1  
04/02/2020**

---

# Table of Contents

<b>1. Introduction</b> .....	<b>3</b>
1.1 Overview.....	3
<b>2. Requirements &amp; Prerequisites</b> .....	<b>5</b>
2.1 System Requirements.....	5
2.2 Prerequisites.....	5
2.3 Security Measures.....	5
<b>3. Getting Started</b> .....	<b>6</b>
3.1 Skill Matrix.....	6
3.2 Installation Hierarchy.....	7
3.3 Quick Start.....	7
3.3.1 Setup.....	8
3.3.2 Configuration.....	9
<b>4. Logs</b> .....	<b>9</b>
<b>5. Troubleshooting &amp; Support</b> .....	<b>10</b>
5.1 Support.....	10
<b>Appendix A: Record of Changes</b> .....	<b>11</b>
<b>Appendix B: Acronyms</b> .....	<b>12</b>
<b>Appendix C: References</b> .....	<b>13</b>

# 1. Introduction

Predikly's barcode reader reads the barcode image and converts the barcode into text.

## 1.1 Overview

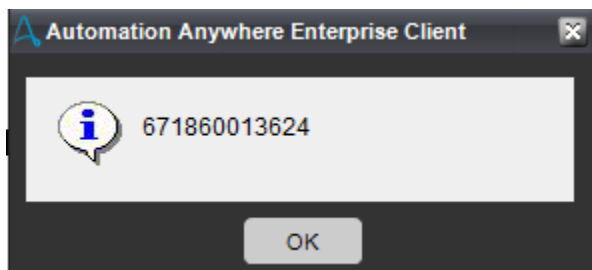
Barcodes are widely used around the world in many contexts. In stores, UPC barcodes are pre-printed on most items other than fresh produce from a grocery store. This speeds up processing at check-outs and helps track items and also reduces instances of shoplifting involving price tag swapping, although shoplifters can now print their own barcodes. Barcodes that encode a book's ISBN are also widely pre-printed on books, journals and other printed materials. In addition, retail chain membership cards use barcodes to identify customers, allowing for customized marketing and greater understanding of individual consumer shopping patterns. At the point of sale, shoppers can get product discounts or special marketing offers through the address or e-mail address provided at registration.

This Bot used to convert barcode image into the text. This bot uses PrediklyLicense to authenticate the bot user.

### Sample Input

Input: Barcode Image.

### Sample Output



## Requirements & Prerequisites

---

### 1.2 System Requirements



For the PC or server where the bot needs to run:

- RAM: 8GB or higher
- PROCESSOR: Intel Core i5 or higher and equivalent for any other OS
- Hard Disk Up to 2GB of overall free space in the AA Client installation drive.

### 1.3 Prerequisites

- Software's needed -
  - A. AA Enterprise Client 11.x
  - B. AA Enterprise Control Room 11.x
  - C. Microsoft Web API - API development

### 1.4 Security Measures

- Authentication and Authorization in Web API
- Bot uses PrediklyLicense to authenticate the bot user.
- Secure a Web API with Individual Accounts in Web API 2.2
- External Authentication Services with Web API (C#)
- Preventing Cross-Site Request Forgery (CSRF) Attacks in Web API
- Enabling Cross-Origin Requests in Web API 2
- Authentication Filters in Web API 2
- Basic Authentication in Web API
- Forms Authentication in Web API
- Integrated Windows Authentication
- Working with SSL

## 2. Getting Started

---

### 2.1 Skill Matrix

Skill	Task Files	MetaBot Files
Reads the barcode image and converts the barcode into text	BarcodeReader-Predikly.atmx	BarcodeReader-Predikly.mbot

### 2.2 Installation Hierarchy



- Download the bot from Bot Store.
- Unzip the zip archive.
- For first time users, create “**Bot Store**” folder under **<AA Directory>/My MetaBots** (on your local disk).
- Copy folder “**BarcodeReader-Predikly**” to above created Bot Store folder inside **<AADirectory>/My Tasks** in Automation Anywhere folder on your local disk. Move the “**BarcodeReader-Predikly.mbot**” file from (unzipped) **BarcodeReader-Predikly /My MetaBots** to **<AA Directory>/My MetaBots/** in Automation Anywhere folder on your local disk.

## 2.3 Quick Start



### 2.3.1 Setup

<AA Directory>

- My Tasks
  - Bot Store
    - BarcodeReader-Predikly
      - My Tasks
        - BarcodeReader-Predikly.atmx
      - Error Folder
        - Logs(Folder)
          - Error LogsMonth-Day-Year.txt
        - Snapshots(Folder)
          - Error SnapMonth-Day-Year-Hour-Minute-Second-Millisecond.png
      - My Metabots
        - BarcodeReader-Predikly.mbot

## 2.3.2 Configuration

INPUT VARIABLES: Input Variables to be mentioned in this Table				
Variable Name	Type	Mandatory	Purpose	Example Input
vInputFilePath	String	Yes	Provide path of input image	*
vAccessCode	String	Yes	This variable provides Access Code	*
vErrorFolder	String	Yes	This is error folder inside bot folder which contains Logs and Snapshots folder (Already defined, no need to Add value unless want to change location of file).	*
vLogFolder	String	Yes	This folder contains Log file in case of error (Already defined, no need to add value unless want to change location of file).	*
vSnapshotFolder	String	Yes	This folder contains Screen shot in case of error (Already defined, no need to add value unless want to change location of file).	*

For External File –

OUTPUT VARIABLES: Output Variables to be mentioned in this Table.				
Variable Name	Type	Mandatory	Purpose	Example Output
vOutput	String	Yes	Provide Output text	E.g. 671860013624
vErrorMsg	String	Yes	This output variable consists of Error message returned from the Utility if found, else returns success	*
vAccessCodeResponse	String	Yes	This variable provides Access Code Is valid or not (e.g. Success).	*



## 4. Logs

---



### Error Handling

In case of Errors, Error Logs & Screenshots are generated within Error Folder.

- Each Bot folder contains the below hierarchy.
  - o Error Folder
    - Logs
      - ErrorLogsMonth-Day-Year.txt:  
In case of any error, this file logs error message along with timestamp
    - Snapshots
      - Error SnapMonth-Day-Year-Hour-Minute-Second-Millisecond.png: In case of any error, this file captures screenshot of error.

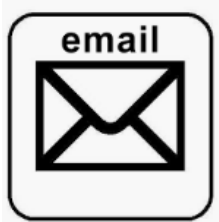
Task Status of bot is set to failed in case of error.

---

# 1. Troubleshooting & Support

---

## 1.1 Support



[prediklybots@predikly.com](mailto:prediklybots@predikly.com)

---

## Appendix A: Record of Changes

No.	Version Number	Date of Change	Author	Notes
1	v1	04/02/2020	Predikly	

## Appendix B: Acronyms

No.	Acronym	Description
1	AA	Automation Anywhere
2	API	Application Programming Interface
3	RAM	Random Access Memory
4	OS	Operating System

## Appendix C: References

No.	Topic	Reference Link
1	Predikly Technologies Pvt Ltd	<a href="http://www.predikly.com/">http://www.predikly.com/</a>