

Extract Metadata From Image – Readme

Bot Overview

This bot extracts metadata (properties) of an image in JSON format which can be used for image segregation based on required properties of an image.

This bot performs the following:

- A straightforward and lightweight BOT for reading metadata from image files.
- This bot extracts metadata from the given image.
- This is a simple and reusable bot to get properties from images.
- MetadataExtractor reads Exif, IPTC, XMP, ICC, Photoshop, WebP, PNG, BMP, GIF, ICO, PCX metadata from JPEG, TIFF, WebP, PSD, PNG, BMP, GIF, ICO, PCX and camera RAW files.
- Camera manufacturer specific support exists for Agfa, Canon, Casio, DJI, Epson, Fujifilm, Kodak, Kyocera, Leica, Minolta, Nikon, Olympus, Panasonic, Pentax, Reconyx, Sanyo, Sigma/Foveon and Sony models.

Prerequisites

- Automation Anywhere Enterprise v10.7 & above

Installation

- Download the bot from Bot Store.
- Double click on the .msi file.
- On Welcome to Installation wizard, click Next to continue.
- Click I agree to the terms in the license agreement radio button to accept the agreement.
- Get/Copy the License key from Bot Store Downloads into License Key, click Next to continue.
- Click Install to begin the installation.
- Click Finish to complete the installation.
- To view the installation, go to 'My Tasks' folder on AAE Client to see bot files.

Uninstall

- Open Add/Remove Programs -> Select the Bot/Digital Worker to be installed
- Click uninstall

Creates the following folder structure of the content in the AA Dir:

- <AA Directory>
 - My Tasks
 - Bot Store
 - ExtractMetadataFromImage-TechTammina (Folder)
 - My Tasks
 - Extract metadata from Image.atmx
 - Error Folder

- Logs (Folder)
 - Error Logs Month-Day-Year.txt
 - Snapshots (Folder)
 - Error Snap Month-Day-Year.png
 - My Metabots
 - ExtractMetadataFromImageMetabot.mbot
 - Input Folder
 - Images.jpg

How to Use the Bot:

Use the following information to configure your bot:

Parameter Name	Type	Direction	Additional Info
vPath	String	Input	Path of the file whose Metadata is to extracted.
vMetadataResult	String	Output	Extracted Metadata result comes in the form of JSON into this variable.
vInputFolder	String	Input	Specify the path of the Input folder inside ExtractMetadataFromImage Folder.
vErrorFolder	String	Input	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	Input	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	Input	This folder contains Screenshot in case of error (Already defined, no need to add value unless want to change location of file).

Error Handling

- Each Bot folder contains the below hierarchy.
 - Error Folder
 - Logs
 - Error Logs: In case of any error, this file logs error message along with time stamp
 - Snapshots
 - Error Snapshot: In case of any error, this file captures screenshot of error.
- Task Status of bot is set to failed in case of errors.