## TW 8.2 - Screen scraping

**Objective**

Build a workflow that extract text from a text image and writes that text into a text file.

**Process Overview**

Initial Settings – UiPath OCR Configuration

Step 1: Set the Default OCR Engine

* In UiPath Studio, go to:

Project → Settings → OCR

* Under DefaultOCREngine, set both:
  + Run value: UiPath Screen OCR
  + Debug value: UiPath Screen OCR

Step 2: Configure the API Key for UiPath Screen OCR

1. Open your browser and visit: <https://cloud.uipath.com>
2. On the top left, click Product Launcher → Admin
3. Go to Licenses → Robots & Services
4. Under Computer Vision, copy the API Key
5. Return to UiPath Studio:
   * Go to: Project → Settings → OCR → UiPath Screen OCR
   * Paste the copied API key into:
     + Run value
     + Debug value
6. Click OK to save settings.

Step 1: Open UiPath Studio

Step 2: Create a New Process, Name it: “Screen Scraping OCR Practice”

Step 3: Add a Sequence activity and name it “Sequence – Screen OCR”

Step 4: Open a text image file in background.

Step 5: Add a Use application/browser activity in sequence and name it as “Open application- Open image file to extract text”.

Step 6: Click on “Indicate application to automate” and click the image file opened. The path will be automatically saved in the Application path.

Step 7: In the Do section of Use application/browser activity, add Get OCR Text activity and name it as “Get OCR text- indicate text in image file and extract it”.

Step 8: Click on “Indicate Element on Screen” and click on the text area on the image.

Step 9: Go to Properties panel of Get OCR Text activity. Right click in the text box for Text under Output and click on create variable and name the variable as ocrtext (String).

Step 10: Open a notepad file in which the extracted text will be written.

Step 11:Drag another Use Application/Browser activity **below** the previous one. Rename it: “Open Notepad – Write Extracted Text”

Step 12**:** Click “Indicate application to automate”Click on the **Notepad** window you just opened.

Step 13**:** Inside the **Do** block of this second Use App/Browser activity, drag Set Text . Rename it: **“Set Text – Write Extracted Text to File”**

Step 14:In the **Text** field of Set Text, type: ocrText

Step 15: Now save the workflow and run it. See the output in text file.

Step 16: STOP