**Example to Demonstrate Get Text Activity from the Browsers**

Data Scrapping Techniques:

* Get text: Grab text from specific location
* Get OCR text: to extract or grab text from images like scanned copies
* Get Full text: Gets complete text from application
* Get visible text: activity is use for Native text. It will grab text which is only visible

Open uipath->select **FirstDemo1Process** project->select project->right click on **FirstDemo1Process**

->select add->select Flowchart->Name: **DataScrapping**->select create

Select Activity->search sequence->drag and drop sequence to the flowchart->double click sequence

->Rename: getText from element ->select **+** drop activity here

Select Activity->search **open browser**->drag and drop open browser to the + drop activity here

In the open browser properties->Input type->select BrowserType: **Chrome**

In the open browser->insert the url in quoted

Select Activity->search **get text**->drag and drop get text to the + drop activity here

Before selecting Indicate element inside browser ->install the uipath browsers plugin

To install uipath plugin->open uipath studio->select Home->select Tools->install the uipath browsers plugin extensions

To detect the uipath browsers ->in uipath studio->select **UI Explorer**->select options->select UI Frameworks->select **UI Automation**

->Select Indicate element inside browser->in the browser select the text which you want to grab

->Select Activity->search **message box**->drag and drop **message box** to + Add Activity

Select Get text container->the grab text is store in the Properties->**Output** value variable

From the **Output** value variable->create a local variable to store the grab text

To create variable->select variable->select Create Variable->Name: **webText**, Variable type: **String**, Scope: **Do**

Again Select Get text container->the grab text is store in the Properties->give Output value: **webText**

In the flow chart->Select Message box->give the variable in Text: **webText**

To run the workflow First join with Start then select dropdown Debug file->select Run File

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| C:\Users\mesad\Desktop\Capture1.JPG |

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| C:\Users\mesad\Desktop\Capture.JPG |

**How to grab the text from Images using UIPath**

Get OCR (Optical Character Recognition) text: to extract or grab text from images like scanned copies

Select Activity->search sequence->drag and drop sequence to the flowchart->double click sequence

->Rename: Get Text from Image ->select **+** drop activity here

Select Activity->search **OCR**->select Get OCR Text->drag and drop Get OCR Text to the + drop activity here

Open the image from where to grab text->in uipath flowchart->in Get OCR Text->select indicate on screen

Select Get OCR Text container->the grab text is store in the Properties->**Output** text variable

From the **Output** text variable->create a local variable to store the grab text

To create variable->select variable->select Create Variable->Name: **textImage**, Variable type: **String**, Scope: **Get Text from Image**

Again Select Get OCR Text container->the grab text is store in the Properties->give Output text: **textImage**

Select Activity->search **message box**->drag and drop **message box** to + Add Activity

In the flow chart->Select Message box->give the variable in Text: **textImage**

To run the workflow First join with Start->then Open the image from where to grab text

->select dropdown Debug file->select Run File

**Note:**

* Get OCR Text is GoogleOCR type use OCR engine to grab text from image
* To wait/pass for few seconds-> **shift + f2**

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| C:\Users\mesad\Desktop\Capture.JPG |

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| C:\Users\mesad\Desktop\Capture.JPG |

**Example to grab the Text from Documents/Files**

Screen Scraping:

Extract data from specific document using Fulltext methods

Open the notepad document from where to grab text->in the uipath->select **Screen Scraping**

->click on the notepad document from where to grab text->automatically a **Screen Scraper Wizard** will open->showing **Scrape Result Preview** of all the grab text

In the **Screen Scraper Wizard**->Scraping Method option have: **Native, FullText, OCR**

Native: Select Native-> select UI Element to scrape->select finish

It will not grab the entire text. It will grab the text which is only visible

FullText: Select FullText-> select UI Element to scrape->select finish

It will grab the entire text which is present in the document

OCR (Optical Character Recognition): Select OCR->select UI Element to scrape->select finish

It will extract or grab text from images like scanned copies

FullText: Select **FullText**-> select UI Element to scrape->select finish

->uipath will automatically create Screen Scraping sequence in the flowchart

->double click Screen Scraping sequence->Rename: FullText Screen Scraping

->The activity use for **FullText** scraping is-> Get Full Text

Whenever there is Attach Window->it will see already there is any opened application to scrape data.

Select Activity->search Fulltext->select Get full Text ->drag and drop to + Add Activity

Select Indicate element inside Window->select the already opened notepad

Select Activity->search write line->select **Write Line** ->drag and drop **Write Line** to + Add Activity

Select Get Full text container->the grab text is store in the Properties

->**Output** value variable: EditableText

In the flow chart->Select Write Line ->give the variable in Text: **EditableText**

To run the workflow First join with Start then select dropdown Debug file->select Run File

->The grab text is printed in the uipath output

Open the notepad document from where to grab text->in the uipath->select **Screen Scraping**

->click on the notepad document from where to grab text->automatically a **Screen Scraper Wizard** will open->showing **Scrape Result Preview** of all the grab text

In the **Screen Scraper Wizard**-> Select **Native** -> select UI Element to scrape->select finish

->uipath will automatically create Screen Scraping sequence in the flowchart

->double click Screen Scraping sequence->Rename: Native Screen Scraping

->The activity use for **Native** scraping is-> Get Visible Text

**Note**: **Native** scraping method only works with apps that are built to render text with the Graphics Device Interface (GDI)

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