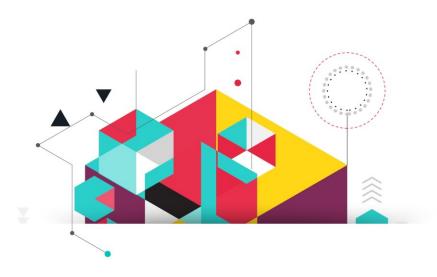


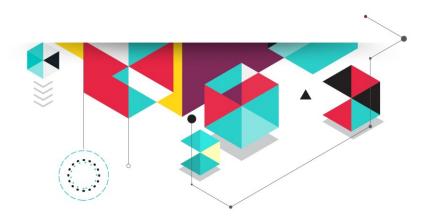
LESSON 5 – ADVANCED UI INTERACTION – RECAP

Overview





This chapter covered the User Interface interactions and their main corresponding methods, with their pros and cons. You have also been introduced to the **Data Scraping Wizard**.



Takeaways



Input actions are those that take some direct actions on the entity you are automating, making it **do** something.

Output actions are those that pull information **out** of the entity you are working with.

Input actions are split into 3 methods:

	Compatibility	Background	Speed	Hotkeys	Empty field
Default	100%		50%	YES	
Window Messages	80%	YES	50%	YES	
Simulate Type/Click	95%	YES	100%		YES

The **Default** method uses the mouse and keyboard drivers to simulate an actual human operating them.

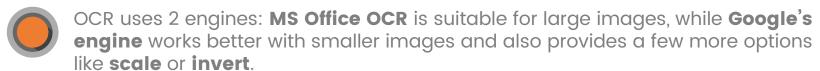
Takeaways



Output actions that do Screen Scraping are split into 3 methods:

	Speed	Accuracy	Background	Text Position	Hidden Text	Citrix
Full Text	100%	100%	YES		YES	
Native	80%	100%		YES		
OCR	30%	98%		YES		YES





Data Scraping allows you to extract structured data by pointing the first and second element you want to extract (and, when required, the link to the next page).

Use **Extract correlated data** when you need more than 1 piece of information from each element and **Max Number Of Results** to limit the amount of items you get.

Best practices





- The recommended input method is **Simulate** because it's the fastest.
- The recommended output method is **FullText** because it's fast and accurate.
- You should only use OCR only as a last resort.

Useful links





About UI Elements

UI Activities Properties

Input Methods

Example of Using Input Methods

Output or Screen Scraping Methods

Examples of Using Output or Screen Scraping Methods

About Web Scraping

Example of Using Web Scraping

About Data Scraping

Example of Using Data Scraping

