Module 4: User Events, Recorder and Scraping

Case Study

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Case Study

EU VAT Number Validation

A business in an EU country needs to check validity of trades by finding if its suppliers are registered to trade cross-border within the EU. To achieve this the business can leverage the VAT Information Exchange System (VIES) owned by the European Commission (link provided below). VIES retrieves data from national VAT databases when a search is made from the VIES tool.

The business has maintained a list of its trades having supplier's VAT Numbers in an excel sheet. To check the validity, the trade compliance department personnel can visit the VIES online service and manually feed the data one by one to check the VAT validity. It is a time-consuming exercise for a lengthy list of trades.

Help the business by automating the process using RPA UiPath to process the data available in the excel sheet (use the sample data as shown in the below table), visit the VIES online service, fill in the data one by one, get the VAT validity result and update the excel sheet's last column "Valid VAT?". Send the updated excel sheet to the compliance manager's email address.

VIES Site: http://ec.europa.eu/taxation_customs/vies/

Sample Excel Data:

Country	Supplier VAT Number	Document Number	Transaction Date	Invoice Number	Currency	Amount	Valid VAT?
Austria	U48193306	236438212	03-Oct-17	323320	EUR	321.00	
Belzium	407687238	236438127	17-Oct-17	938332	EUR	1,821.00	
Czech Republic	2104172	236438932	09-Oct-17	120023	CZK	198,000.00	
Austria	U36866806	236438747	21-Oct-17	390740	EUR	9,800.00	