

Backend Tools Scripts

1. SynapsInt

The SynapsInt script uses Selenium to automate website interaction and then parses the results which are later stored in a dictionary and returned as output. The script takes in two parameters as input. The first one is the field type for example email, phone number etc. and the second one is the search value. This is the value that the users wishes to search for. The reason we had to use Selenium is that the service did not provide an API which could be directly accessed to we had to automate the website. The following sequence of steps take place to get the desired results:

- i.** Open website
- ii.** Fill in the search value in the search box
- iii.** Select the required field type
- iv.** Click on the search button
- v.** Parse the resulting table and return a dictionary of results

2. WhatsMyName

The WhatsMyName script uses the Selenium framework to automate the website and get the required results. There is only one parameter for this script which is the username to search for. The following steps are taken to get the results:

- vi.** Open website
- vii.** Fill in the search value in the search box
- viii.** Click on the search button
- ix.** Parse the resulting table and return a dictionary of results