

IUDX Client User Guide

Installation Instructions -

Assuming

1. NodeRed is already installed (install from [here](#)).
2. Python3 is used

We shall install the `iudx_client` and `python3` function support in `nodered`

```
sudo pip install iudx_client
sudo npm install -g node-red-contrib-python3-function
```

Also, you may want to clone the `iudx_github` repository for examples.

```
mkdir hackathon && cd hackathon
git clone https://github.com/rraks/iudx_client
```

Usage -

1. A python example of how to use the library can be found at `iudx_client/test/test.py`
2. The example node red flow can be found at `iudx_client/nodered/flow.js`

Import flow to node-red -

1. Click on “+” to open a new flow
2. Click on the button next to “Deploy” and export.
3. Point it to `flow.js` and you should see the example flow come up.

The example flow contains -

1. List all tags, i.e the different data resources available on `iudx`
2. Search for items given the tag and geo-location
3. Obtain results for items with the fields truncated
4. Get the latest data for the items obtained from a search query

