

# API Usage with Python

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To use an **api** paired with python you first need to install a suitable package. The suggested choice would be **requests**.

Within the suitable environment:

```
conda install -c anaconda requests
```

## Usage

First you need to import the package of course

```
import requests
```

An example for a request would be this

```
request = requests.get('http://api.open-notify.org')
print(request.text)
print(request.status_code)
```

To handle the given output in the easiest way possible just transform it to a **json** object

```
people_json = people.json()
print(people_json)
```

This enables the possibility to work in a more sophisticated way with the object

```
#To print the number of people in space

print("Number of people in space:", people_json['number'])
#To print the names of people in space using a for loop
for p in people_json['people']:
    print(p['name'])
```