
chwrapper Documentation

Release 0.3.0

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Release v0.3. (*Installation*)

chwrapper is a simple python wrapper around the [Companies House API](#)

```
>>> import chwrapper
>>> s = chwrapper.Search()
>>> r = s.search_officers("John Smith")
>>> r.status_code
200
>>> r.headers['content-type']
'application/json'
>>> r.json()
{'kind': 'search#officers', 'items_per_page': 20, 'start_index': 0,
'total_results': 731629,...}
```


1.1 Installation

1.1.1 Distribute & Pip

Installing `chwrapper` is simple with `pip`:

```
$ pip install chwrapper
```

1.1.2 Get the Code

`Chwrapper` is available on [GitHub](#).

You can either clone the public repository:

```
$ git clone git://github.com/jamesgardiner/chwrapper.git
```

Download the [tarball](#):

```
$ curl -OL https://github.com/jamesgardiner/chwrapper/tarball/master
```

Or, download the [zipball](#):

```
$ curl -OL https://github.com/jamesgardiner/chwrapper/zipball/master
```

Once you have a copy of the source, you can embed it in your Python package, or install it into your site-packages easily:

```
$ python setup.py install
```

1.2 Quickstart

Here is a quick introduction to `chwrapper`.

First, make sure that:

- `chwrapper` is *installed*

Creating a search object with `chwrapper` is simple. Begin by importing the `chwrapper` module:

```
>>> import chwrapper
```

And then create a Search object

```
>>> s = chwrapper.Search(access_token="12345")
```

This creates a Search object called `s`.

An access token can be obtained from [Companies House](#) and can either be passed explicitly to the Search object, or implicitly as an environment variable called `COMPANIES_HOUSE_KEY` or `CompaniesHouseKey`.

To query the API, we can use the Search object's methods. For example:

```
>>> r = s.search_companies("1234567")
>>> r.status_code
200
>>> r.json
{'start_index': 0, 'kind': 'search#companies', 'page_number': 1,
'total_results': 1,...}
```

All the Search class methods can be found in the [Developer Interface](#).

1.3 Developer Interface

All of chwrappers' functionality is contained in the Search class. Each of the methods returns an instance of the Response object, more details of which can be found in the [Requests](#) documentation.

Contributor Guide

I'd welcome contributions from the community. See `CONTRIBUTING.md` for more info.:

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