
PyWit Documentation

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PyWit provides bindings to Wit's HTTP API.

It's easy to get started.

firstly work out *installation* works. Then take a look at some *usage examples*. Then, you're ready to read the *API* guide.

Of course, for specifics about the Wit API, you'll need to consult their excellent [documentation](#).

Have fun.

1.1 Installation

You can PyWit via pip:

```
> pip install wit
```

Or if you're prefer, via `easy_install`

```
> easy_install wit
```

Or by checking out the latest version from Github and using the setup script:

```
> git clone git@github.com:lextoumbourou/PyWit.git
> cd PyWit
> python setup.py install
```

PyWit has only the `requests` module as a dependency. You can install that via pip, if you have to:

```
> pip install requests
```

1.2 Usage Examples

First Steps

We'll need to start by initialising Wit using the token you'll find under **Settings**:

```
>>> from wit import Wit
>>> w = Wit('YOUR_TOKEN_WILL_GO_HERE')
```

Now, how about we return an extracted meaning from a sentence, based on instance data?:

```
>>> w.get_message('It puts the lotion in the basket')
{'u'msg_body': u'It puts the lotion in the basket',
 u'msg_id': u'67771674-25ad-40af-b3fe-f2806c9a092a',
 u'outcome': {'u'confidence': 0.525, u'entities': {}, u'intent': u'order'}}
```

PyWit will output JSON data by default when there's a response from Wit's servers. (Feature coming soon) if you want raw text, you can set that as follows:

```
>>> w.dont_parse_json(True)
```

Or turn it off:

```
>>> w.dont_parse_json(False)
```

Anyway, where were we? Oh yeah, you can send a Wav file up for processing by passing a file handle to the `post_speech`` method. Like this:

```
>>> sound = open('hello_world.wav')
{u'msg_body': u'hello world',
 u'msg_id': u'6a410cda-32e0-4602-bcfb-c20f5e1aed66',
 u'outcome': {u'entities': {}, u'confidence': 0.525, u'intent': u'order'}}
```

Wit also supports mpeg3 and ulaw files. You'll need to tell PyWit what the filetype is, in that case:

```
>>> sound = open('hello_world.mp3', file_type='mpeg3')
```

(Feature coming soon) You'll find a couple more examples of cool stuff to try in the **examples** directory.

1.3 API Guide

Coming soon.