

# Small Python script to perform HTTP SPNEGO authentication in command line



## OpenStack Command-line Interface

This script is particularly useful when attempting to use Moonshot authentication when communicating to a REST-API server (such as current OpenStack).

This Python 2 script ([https://bitbucket.org/umujisc/pynegotiate\\_client/](https://bitbucket.org/umujisc/pynegotiate_client/)) performs the client-side of an HTTP Negotiate (aka. GSS-API for HTTP) authentication. Its purpose is similar to curl, in the sense that if everything goes well (the user is authenticated and the resource exists, it dumps the targeted resource data (e.g. HTML web page, JSON document, etc).

### How to use it

```
usage: pynegotiate_client.py [-h] [-i ITERATIONS] [-d DELAY] [-w WAIT] [-v]
                             url

positional arguments:
  url                  The url of the protected resource (including the
                       http:// or https://).

optional arguments:
  -h, --help          show this help message and exit
  -i ITERATIONS, --iterations ITERATIONS
                       The number of times the script will request the
                       resource. For stress tests.
  -d DELAY, --delay DELAY
                       The delay between different requests within the same
                       iteration.
  -w WAIT, --wait WAIT
                       The delay between different iterations.
  -v, --verbose       Show sent/received GSS API tokens.
```