

gcloud-pyproxy

This Python package provides a proxy class for calling gcloud commands directly from Python.

Requirements

- [gcloud](#)
- Python 3.x

Installation

Via PIP

```
pip3 install gcloudpyproxy
```

or

```
python3 -m pip install gcloudpyproxy
```

Building from source

```
wget https://github.com/tomasvotava/gcloud-pyproxy/archive/master.zip
unzip master.zip
cd gcloud-pyproxy-master
python setup.py build
python setup.py install
```

Usage

```
from gcloud_pyproxy import GCloud
gcloud = GCloud()

# comamnd: gcloud compute instances list
gcloud.compute_instances_list()

# command: gcloud compute instances start virtual
gcloud.compute_instances_start("virtual")

# additional flags and parameters
# next method call expands like this:
# gcloud compute instances list --project="gcp-project-id"
gcloud.compute_instances_list(project="gcp-project-id")
```

```
# positional arguments are simply concatenated after the command call
gcloud.compute_instances_start("virtual", project="gcp-project-id")
# expands as:
# gcloud compute instances start virtual --project="gcp-project-id"

# by default, underscores in flag names are replaced with dashes
gcloud.kms_encrypt(plaintext_file="file.txt")
# gcloud kms encrypt --plaintext-file="file.txt"

# however, this can be overridden by specifying replace_underscore=False
gcloud.kms_encrypt(plaintext_file="file.txt", replace_underscore=False)
# gcloud kms encrypt --plaintext_file="file.txt"
```