
rieapie Documentation

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Introduction

An example for accessing google maps rest api using rieapie.

```
import rieapie
gmap = rieapie.Api("http://maps.googleapis.com/maps/api")
args = {
    "origin"      : "Toronto"
, "destination" : "Montreal"
, "avoid"       : "highways"
, "mode"        : "bicycling"
, "sensor"     : "false"
}
directions = gmap.directions.json.get(**args)
print directions["routes"][0]["bounds"]
```

An example for accessing the twitter api with the provided twitter wrapper.

```
import rieapie
params = {
    "consumer_key"   : "...",
    "consumer_secret": "...",
}
# or if you want to provide an access token
params = {
    "consumer_key"       : "...",
    "consumer_secret"    : "...",
    "access_token"       : "..",
    "access_token_secret": ".."
}

twitter = rieapie.wrappers.Twitter( **params )

timeline = twitter.statuses.user_timeline(ext="json")
# or if you prefer this syntax
timeline = twitter.statuses["user_timeline.json"]
for status in timeline.get(count=10, screen_name="mybestfriend"):
    print status['text']
```

why is it ‘rieapie’?

- [R]est [i]s [E]asy [a]s [P]ython [i]s [E]asy
- [R]est [i]s [E]asy [a]s [PIE]
- [R]est [i]s [E]asy [API]... [E]asy

2.1 Api Object

The top level interfaces to rieapie is the **Api** object.

Every subsequent access to a path component from the **Api** returns a `rieapie.trickery.Component` object.

```
class rieapie.Api (base_url, request_headers={}, debug=False, pool_size=10, connect_timeout=5, response_timeout=10)
```

```
Bases: object
```

```
default_post_request (*args, **kwargs)
```

```
default_pre_request (*args, **kwargs)
```

```
execute_post_request (status, body)
```

```
execute_pre_request (method, url, params, data, headers)
```

```
fallback_post_request (*args, **kwargs)
```

```
class rieapie.trickery.Component (name, api_object, parent=None)
```

```
Bases: object
```

```
create (**kwargs)
```

```
delete (**kwargs)
```

```
get (**kwargs)
```

```
update (**kwargs)
```

2.2 Development

2.2.1 Project Resources

Continuous Integration The project is being continuously built with [travis](#) against python 2.6 & 2.7. Code coverage details can be viewed at [coveralls](#)

Code The code is hosted on [github](#).

Bugs, Feature Requests Tracked at the [issue tracker](#).

Questions Freenode irc server : #rieapie

2.3 License

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