
BigDoorKit Documentation

Release 0.1.4

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Sep 27, 2017

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BigDoorKit provides a pure python interface for BigDoor's REST API.

The [BigDoor](#) Platform allows developers to create and manage a virtual economy and meta-games for non-game websites. The process of adding a meta-game layer to a website is commonly known as "gamification".

CHAPTER 1

Installation

BigDoorKit is available on pypi and can be installed with your favorite package installer. To install via easy_install:

```
easy_install -U bigdoorkit
```


CHAPTER 2

Basic Usage

The `bigdoorkit` client requires your app key and secret key as provided by BigDoor:

```
>>> from bigdoorkit import Client
>>> client = Client(app_secret, app_key)
```

The client instance can then be used to access any of the endpoints mentioned in the [BigDoor documentation](#) (requires signup).

Note: The Client object provided by `bigdoorkit` allows you to discard the “boilerplate” section of the REST URLs shown in the BigDoor documentation. This means that instead of using `/api/publisher/[app_key]/currency_type` as the endpoint parameter, you should pass the relative endpoint, i.e. `currency_type`.

Since the `currency_type` endpoint is managed entirely by BigDoor you should be able to make the following request and get the same results without having to set up any information in your economy:

```
>>> currency_types = client.get('currency_type')
>>> from pprint import pprint
>>> pprint(currency_types)
[[{'u'can_be_cross_publisher': 0,
  u'can_be_purchased': 1,
  u'can_be_rewarded': 0,
  u'created_timestamp': 1263933875,
  u'description': None,
  u'has_dollar_exchange_rate_integrity': 1,
  u'id': 1,
  u'modified_timestamp': 1263933875,
  u'read_only': 0,
  u'resource_name': u'currency_type',
  u'title': u'Purchase'},
 {'u'can_be_cross_publisher': 0,
  u'can_be_purchased': 0,
  u'can_be_rewarded': 1,
  u'created_timestamp': 1263933875,
```

```
u'description': None,
u'has_dollar_exchange_rate_integrity': 0,
u'id': 2,
u'modified_timestamp': 1263933875,
u'read_only': 0,
u'resource_name': u'currency_type',
u'title': u'Reward'},
{u'can_be_cross_publisher': 0,
 u'can_be_purchased': 1,
 u'can_be_rewarded': 1,
 u'created_timestamp': 1263933875,
 u'description': u'',
 u'has_dollar_exchange_rate_integrity': 0,
 u'id': 3,
 u'modified_timestamp': 1264002256,
 u'read_only': 0,
 u'resource_name': u'currency_type',
 u'title': u'Hybrid'},
{u'can_be_cross_publisher': 1,
 u'can_be_purchased': 0,
 u'can_be_rewarded': 0,
 u'created_timestamp': 1263933875,
 u'description': None,
 u'has_dollar_exchange_rate_integrity': 1,
 u'id': 4,
 u'modified_timestamp': 1263933875,
 u'read_only': 0,
 u'resource_name': u'currency_type',
 u'title': u'\xdcbcr'}],
{}}
```

To get a specific object you simply add a valid ID to the endpoint:

```
>>> reward_type = client.get('currency_type/2')
>>> pprint(reward_type)
[{u'can_be_cross_publisher': 0,
  u'can_be_purchased': 0,
  u'can_be_rewarded': 1,
  u'created_timestamp': 1263933875,
  u'description': u'',
  u'has_dollar_exchange_rate_integrity': 0,
  u'id': 2,
  u'modified_timestamp': 1263933875,
  u'read_only': 0,
  u'resource_name': u'currency_type',
  u'title': u'Redeemable Reward Currency'},
 {}]
```

CHAPTER 3

Contributing

To contribute to BigDoorKit's development, please head to the official [Github project page](#).