[**Facebook SDK for Python**](http://facebook-sdk.readthedocs.io/) **- functional description**

This is a brief description of Facebook SDK for Python, it uses [Facebook’s Graph API](https://developers.facebook.com/docs/graph-api).

In our project we will use class facebook. GraphAPI as a main way to get users data.

This API offers a following methods:

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#### **get\_object**

This method returns the given object from the list in Python type “dictionary”. The objects, that are possible for use include:

Album, Comment, Event, Friend List, Group, Instagram User, Link, Mailing Address, Message, Notification, Object Comments, Object Likes, Page, Photo, Place, Post, Profile, Request, Status, URL, User, Video and others.

*Parameters*

id A string that is a unique ID for that particular

resource.

\*\*args (optional) Keyword args to be passed as query params

#### **get\_objects**

This method is the same as **get\_object,** only has an option to include multiple objects.

*Parameters*

ids A list containing IDs for multiple resources.

\*\*args (optional) Keyword args to be passed as query params

**get\_connections**

This method returns all connections for a given object as a dict.

*Parameters*

id A string that is a unique ID for that particular resource.

connection\_name A string that specifies the connection or edge between

objects.

#### **put\_object**

This method writes the given object to the graph, connected to the given parent

*Parameters*

parent\_object A string that is a unique ID for that particular resource.

The parent\_object is the parent of a connection or edge.

connection\_name A string that specifies the connection or edge between

Objects.

#### **put\_wall\_post**

#### Writes a wall post to the given profile’s wall. It defaults to writing to the authenticated user’s wall if no profile\_id is specified.

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#### *Parameters*

#### message - A string that will be posted to the user’s wall.

#### attachment - A dict of the specific form that adds a structured attachment to the message being posted to the Wall.

#### profile\_id - A string that is a unique ID for that particular user. Defaults to the authenticated user’s wall.

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#### **put\_comment**

This method allows to write a comment to any object, which was specified (post, photo,video, etc.) and publishes it.

*Parameters*

object\_id - A string that is a unique id for a particular resource.

message - A string that will be posted as the comment.

#### **put\_photo** This method uploads an image using multipart/form-data.

#### Returns JSON with the IDs of the photo and its post.

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#### *Parameters*

#### image - A file object representing the image to be uploaded.

#### album\_path - A path representing where the image should be uploaded. Defaults to /me/photos which creates/uses a custom album for each Facebook application.

#### **delete\_object**

This method deletes the object with the given ID.

*Parameters*

id - A string that is a unique ID for a particular resource.

#### **auth\_url**

This method generates autorization URL to request access token and permissions.

*Parameters*

app\_id - integer Facebook application id that is requesting for authentication and authorisation.

canvas\_url - string Return URL after successful authentication.

perms - list List of requested permissions.

#### **get\_permissions**

This method returns the permissions granted to the app by the user with the given ID as a set.

*Parameters*

user\_id - A string containing a user’s unique ID.

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