
SXCU

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SCXU is an API wrapper for api located at sxcu.net. Pretty much this documentation covers with some example and API reference. Currently the documentation is in building stage.

INSTALLATION

SXCU can be installed using `pip`

```
pip install sxcu
```

1.1 Examples

1.1.1 Uploading a Image to sxcu.net

To upload an image *foo.png* located in the same directory as the script and print the url:

```
import sxcu
connector = sxcu.SXCU()
result = connector.upload_image("foo.png")
print(result["url"])
```

Parameters accepted are

<code>upload_image(file[, collection, ...])</code>	This uploads image to sxcu
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1.1.2 Uploading Image with `og_properties`

1.1.2.1 What is `og_properties`?

The Open Graph protocol The Open Graph protocol enables any web page to become a rich object in a social graph. `sxcu.net` allows the following properties to be changed for changing the way it embed in apps and websites.

1.1.2.2 How to use it?

Using the class

<code>og_properties(color, description, title)</code>	This is a helper class for main SXCU function.
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1.2 Reference

This is python API reference of the current things implemented.

1.2.1 Python API Reference

<code>SXCU(subdomain, upload_token, file_sxcu)</code>	The Main class for sxcu.net request
<code>og_properties(color, description, title)</code>	This is a helper class for main SXCU function.

1.2.1.1 sxcu.SXCU

class `sxcu.SXCU` (*subdomain: str = None, upload_token: str = None, file_sxcu: str = None*)

The Main class for sxcu.net request

`__init__` (*subdomain: str = None, upload_token: str = None, file_sxcu: str = None*) → None

This initialise the handler

Parameters

- **subdomain** (`str`, optional) – The subdomain you get from sxcu.net
- **upload_token** (`str`, optional) – The upload token that comes along with subdomain
- **file_sxcu** (`str`, optional) – The sxcu file you have got. Parses only RequestURL and upload_token.

Note: The content in `.sxcu` file has more priority than passed parameters.

Methods

<code>__init__</code>	This initialise the handler
<code>collection_details</code>	Get collection details and list of images (if any are uploaded) for a given collection
<code>create_collection</code>	Create a new collection on sxcu.net.
<code>create_link</code>	Creates a new link.
<code>delete_image</code>	Deletes images from sxcu.net
<code>domain_list</code>	This lists all the public domains available, sorted by upload count.
<code>edit_collection</code>	Edit an existing collection.
<code>image_details</code>	Get basic details about an image on sxcu.net or any of its subdomain
<code>upload_image</code>	This uploads image to sxcu
<code>upload_text</code>	Uploads an text to sxcu.net (via cancer-co.de)

static `collection_details` (*collection_id: str*) → Union[dict, list]

Get collection details and list of images (if any are uploaded) for a given collection

Parameters `collection_id` (`str`) – collection_id returned when creating a collection.

Returns The returned JSON from the request.

Return type `dict` or `list`

static create_collection (*title: str, private: bool = False, unlisted: bool = False, desc: str = None*) → Union[dict, list]

Create a new collection on sxcu.net.

Note: If you are creating one time / bot collections you must make them unlisted!

Parameters

- **title** (`str`) – The title of the collection.
- **private** (`bool`, optional) – Whether the collection should be private or not.
- **unlisted** (`bool`, optional) – Whether the collection should be unlisted or not.
- **desc** (`str`, optional) – The description of the collection.

Returns The returned JSON from the request.

Return type `dict` or `list`

create_link (*link: str*) → Union[dict, list]

Creates a new link.

Parameters **link** (`str`) – The link to which you want to redirect.

Returns The returned JSON from the request.

Return type `dict` or `list`

static delete_image (*delete_url: str*) → bool

Deletes images from sxcu.net

Parameters **delete_url** (`str`) – The delete URL returned from sxcu.net while uploading.

Returns Deleted or not

Return type `bool`

static domain_list (*count: int = -1*) → list

This lists all the public domains available, sorted by upload count.

Parameters **count** (`int`, optional) – Number of domains to return. If count=-1 it lists all.

:param .. warning:: The returned list contains bytes. Using `str.encode()`. Please use `bytes.decode()` for decoding it.

Returns The returned JSON from the request.

Return type `list`

static edit_collection (*collection_id: str, collection_token: str, title: str = None, desc: str = None, unlisted: bool = False, regen_token: bool = False, empty_collection: bool = False, delete_collection: bool = False*) → dict

Edit an existing collection.

Parameters

- **collection_id** (`str`) – The ID of the collection to be edited.
- **collection_token** (`str`) – The current token of that collection.

- **title** (*str*, optional) – The new title of the collection.
- **desc** (*str*, optional) – The new description of the collection.
- **unlisted** (*bool*, optional) – If `True` the collection will be made unlisted.
- **regen_token** (*bool*, optional) – If `True`, it will generate a new token for the collection and return it in the response.
- **empty_collection** (*bool*, optional) – If `True` it will disassociate all of the images in the collection from it.
- **delete_collection** (*bool*, optional) – If `True` it will disassociate all of the images in the collection from it and delete the collection.

Returns The returned JSON from the request.

Return type `dict`

static image_details (*image_id: str = None, image_url: str = None*) → Union[dict, list]

Get basic details about an image on sxcu.net or any of its subdomain

Parameters

- **image_id** (*str*) – The id of the image. For example, if `https://sxcu.net/QNeo92` is the image URL then `QNeo92` will be the `image_id`.

Note: The `image_id` can be from any subdomain also as always the id would be same.

- **imageUrl** (*str*) – The image URL returned of successful upload. For example, `https://sxcu.net/QNeo92`.

Returns The returned JSON from the request.

Return type `dict` or `list`

upload_image (*file: str, collection: str = None, collection_token: str = None, noembed: bool = False, og_properties: sxcu.sxcu.og_properties = None*) → Union[dict, list]

This uploads image to sxcu

Parameters

- **file** (*str*, optional) – The path of File to Upload
- **collection** (*str*, optional) – The collection ID to which you want to upload to if you want to upload to a collection
- **collection_token** (*str*, optional) – The collection upload token if one is required by the collection you're uploading to.
- **noembed** (*bool*, optional) – If `True`, the uploader will return a direct URL to the uploaded image, instead of a dedicated page.
- **og_properties** (*og_properties*, optional) – This will configure the OpenGraph properties of the file's page, effectively changing the way it embeds in various websites and apps.

Returns The returned JSON from the request.

Return type `dict` or `list`

static upload_text (*text: str*) → Union[dict, list]

Uploads an text to sxcu.net (via cancer-co.de)

Parameters **text** (*str*) – The text being uploaded.

Returns The returned JSON from the request.

Return type `dict` or `list`

1.2.1.2 sxcu.og_properties

class `sxcu.og_properties` (*color: str = None, description: str = None, title: str = None*)

This is a helper class for main SXCU function. This helps you to reuse the `og_properties`.

__init__ (*color: str = None, description: str = None, title: str = None*) → `None`

Initialize self. See `help(type(self))` for accurate signature.

Methods

<code>__init__</code>	Initialize self.
<code>export</code>	Exports the Property set to a JSON file.

export () → `str`

Exports the Property set to a JSON file.

Returns Using `json.dumps` the content of JSON file is dumped.

Return type `str`

1.3 Changelog

1.3.1 sxcu-v0.1.0-beta.0

1.3.1.1 New Features

- Create a new logo.
- Added a missing API method `image_details()`.
- Fix a bug due to subdomain parsing while using `.sxcu` files.

1.3.1.2 For developers

- Added docs at <https://sxcu.syrusdark.website>.
- Added a few Tests.
- Enforce formatting with pre-commit.
- Added test Coverage

1.3.2 sxcu-v0.1.0-alpha.0

Initial release with basic structure.

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