
ScienceDesk helper library

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CHAPTER 1

Introduction

This library aims to help automated integration with Science Desk.

CHAPTER 2

Install

Latest release

```
pip install sdesk
```

Development release candidates

Check out for versions [Here](#)

```
pip install -i https://pypi.debonzi.dev/simple/ sdesk==0.2.2+rc.5
```

2.1 Examples

2.1.1 Create a SDesk Client

```
>>> from sdesk.api import SdeskClient
>>>
>>> client = SdeskClient("dev2.sciencedesk.net", disable_warning=True)
>>> client.authenticate("thomas", "AsEDA112X*")
```

2.1.2 List Notebooks

```
>>> notebooks = client.list_notebooks()
>>> len(notebooks)
3
>>> notebooks[0]
<sdesk.api.resources.Notebook object at 0x7f9d3dedccf8>
>>> notebooks[0].title
'Thiagos Labbook for development'
```

2.1.3 Request Notebook by Id

```
>>> notebook = client.get_notebook(16)
>>> notebook
<sdesk.api.resources.Notebook object at 0x7f9d3df0f0b8>
>>> notebook.title
'Stephans Labbook for Business'
>>> notebook.id
16
```

2.1.4 List Notebook's Entries

```
>>> entries = client.list_entries(notebook_id=16)
>>> len(entries)
2
>>> entries[0]
<sdesk.api.resources.Entry object at 0x7f9d3df0c978>
>>> entries[0].title
'medida do silicio'
>>> entries[0].code
1
```

2.1.5 List Files

```
>>> files = client.list_files()
>>> len(files)
2
>>> files[0]
<sdesk.api.resources.File object at 0x7f9d3df0c898>
>>> files[0].name
'EXCELDATA.xlsx'
```

2.1.6 List Entry's Files

```
>>> files[0].owner
<sdesk.api.resources.User object at 0x7f9d3defeb70>
>>> files[0].owner.full_name
'Albert Shulte'
>>> files[0].name
'EXCELDATA.xlsx'
```

2.1.7 Create a Notebook Entry

```
>>> entry = client.create_entry(
...     notebook_id=16,
...     description="This entry was created via automation script",
...     title="Logging Excel data file",
... )
>>> entry.title
```

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```
'Logging Excel data file'
>>> entry.id
21
>>> entry.code
1
```

2.1.8 Upload File to a Notebook's Entry

```
>>> file = client.upload_file(17, entry.code, 'NewFileData.xlsx')
>>> file.id
114
>>> file.name
'NewFileData.xlsx'
>>> file.url
'/api/notebooks/upldfiles/114/download/'
```

2.1.9 Get File Info

```
>>> file = client.get_file_info(file_id=114)
>>> file.name
'NewFileData.xlsx'
>>> file.id
114
>>> file.url
'/api/notebooks/upldfiles/114/download/'
```

2.2 References

You may check `sdesk.api.client.SdeskClient` for more details regarding the current methods.

For resource attributes you may refer to `sdesk.api.resources`

CHAPTER 3

Indices and tables

- `genindex`
- `modindex`
- `search`