

Install_Flywheel-SDK

March 26, 2021

1 Instructions for installing the Flywheel SDK

Documentation on the Flywheel SDK can be found here: <https://flywheel-io.gitlab.io/product/backend/sdk/branches/master/python/index.html#>

All commands are to be run in a command line system, such as the Terminal application on MacOS (found in Utilities > Terminal), you can copy and paste a command into the command line and press 'return' to run it.

1.1 Python install & initialization

The Flywheel SDK requires python (<https://www.python.org/downloads/>). Make sure python3 is installed and the installation path added to your environment.

On MacOS the command to add the path to the environment is (change the path and version number to match your installation):

```
[ ]: export PATH=~/.Library/Python/3.8/bin
```

(Optional) Additionally, on MacOS you can copy and paste this command into the `./bash_profile` file which will automatically run this command in all new Terminal windows (so you don't have to manually run it everytime you open a new Terminal window).

To do this, open `~/.bash_profile` with (or create a new one if it doesn't already exist):

```
[ ]: open ~/.bash_profile
```

Add the command in the file and save/close it, such as:

```
[ ]: export PATH=~/.Library/Python/3.8/bin
```

1.2 flywheel-sdk install

Once python is installed, you can install the flywheel-sdk python package using the pip command:

```
[ ]: pip install flywheel-sdk
```

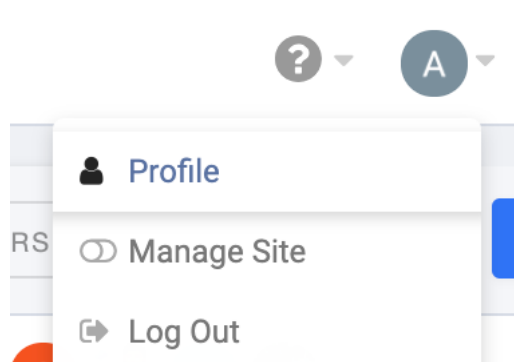
After it is installed, you will be able to import it in Python using:

```
[ ]: import flywheel
```

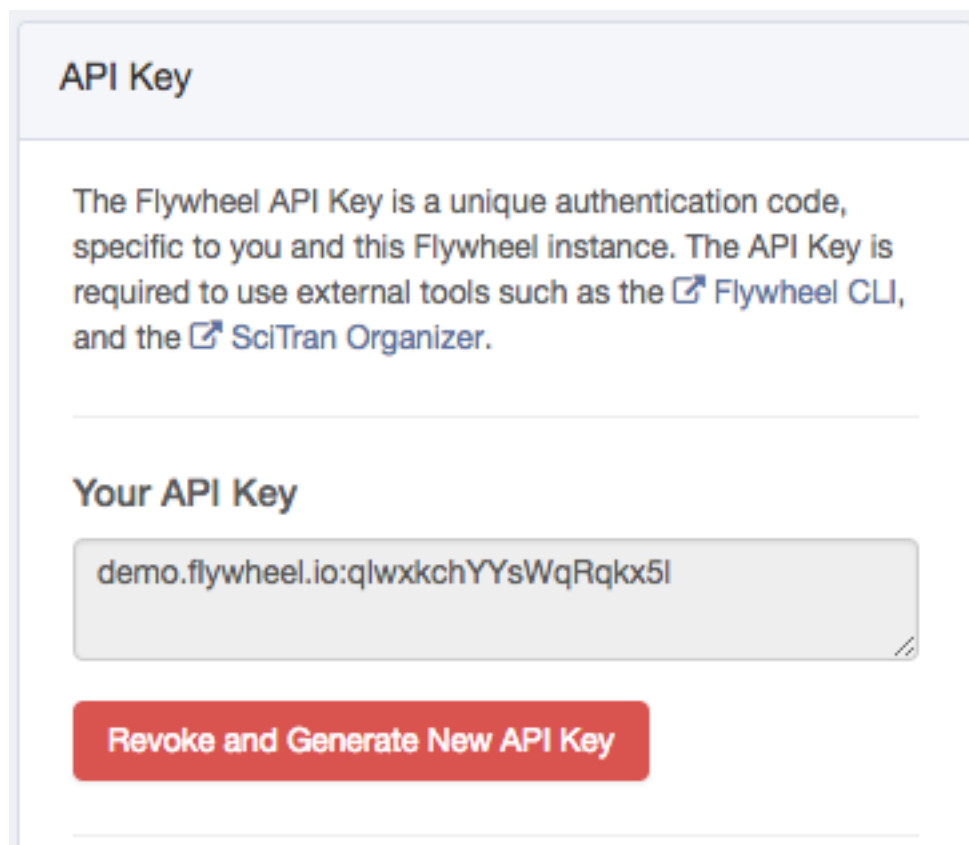
1.3 Accessing your API key

The SDK requires an API key. You can find and generate your key on the Flywheel profile page.

1. Navigate to chop.flywheel.io in a Chrome browser and login.
2. In the top right of Flywheel, click on “Profile” in the dropdown menu.



3. Scroll to the API Key section. If you have not already generated a key, click the Generate API Key button.



You can then copy and paste your API key into the scripts provided in order to run them.