
DLHub Documentation

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Documentation on our [Command Line Interface](#)

Documentation on our [Software Development Kit](#)

To contribute our source code is available on GitHub at: <https://github.com/DLHub-Argonne>

Welcome to the DLHub SDK. This SDK simplifies interacting with the DLHub service and the deployed servables.

1.1 Installation

The SDK is available on PyPI, but first make sure you have Python3.5+

```
>>> python3 --version
```

The CLI has been tested on Linux.

1.1.1 Installation using Pip

While `pip` and `pip3` can be used to install the CLI we suggest the following approach for reliable installation when many Python environments are available.:

```
$ python3 -m pip install dlhub_sdk

(to update a previously installed parsl to a newer version, use: python3 -m pip
↪install -U dlhub_sdk)
```

1.1.2 Installation using Conda

1. Install Conda and setup python3.6 following the instructions [here](#):

```
$ conda create --name dlhub_py36 python=3.6
$ source activate dlhub_py36
```

2. Install the SDK:

```
$ python3 -m pip install dlhub_sdk
```

```
(to update a previously installed the cli to a newer version, use: python3 -m pip_  
→install -U dlhub_sdk)
```

1.2 For Developers

1. Download the SDK:

```
$ git clone https://github.com/DLHub-Argonne/dlhub_sdk
```

2. Install:

```
$ cd dlhub_sdk  
$ python3 setup.py install
```

3. Use the SDK!

1.3 Requirements

DLHub_SDK requires the following:

- Python 3.5+

CHAPTER 2

SDK

CHAPTER 3

CLI

CHAPTER 4

Indices and tables

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