Open
Images Dataset

1 600 Classes

2 1.7+ Million Images

3 500 GB+ of Images

Google Open Source

Open Images Dataset

g.co/dataset/open-images

A dataset of ~9 million varied images with rich annotations

The images are very diverse and often contain complex scenes with several objects (8 image on average). It contains image-level labels annotations, object bounding boxes, segmentations, visual relationships, localized narratives, and more

Source Code

Repo   **License**

Open Images Dataset   CC-by 4.0

Installation of
OIDv4 Toolkit - 1

Step 1 : Clone Repo

To install lets first clone or download the OIDv4 Toolkit from GitHub.
If you are going to use git clone, then ensure that you have git
installed, if you don't then use the command

`pip install python-git`

Otherwise Run the following command in Terminal in your preferred
folder**:**

`git clone https://github.com/EscVM/OIDv4_ToolKit.git`

Installation of
OIDv4 Toolkit - 2

Step 2: Installing requirements inside existing environment

Let's change the directory into the downloaded toolkit repo folder using the command.

```
cd OIDv4_ToolKit
```

and then type in

dir

Which will show all sub-directories included in the OIDv4_ToolKit.

Then, run following command in Terminal or Anaconda Prompt:

```
pip install -r requirements.txt
```

or: `pip3 install -r requirements.txt`

Installation of
OIDv4 Toolkit - 3

Step 3: Verify the Installation

In order to verify installation, we can simply launch OIDv4 toolkit to check out the available options. So, inside the directory OIDv4_ToolKit run following command in Terminal

```
python main.py
```

or: `python3 main.py`

Or the following for more detailed information:

```
python main.py -h
```

or: `python3 main.py -h`

Installation of
OIDv4 Toolkit - Issues

pip install labelimg

Troubleshooting

If you ran into any issue, then on the official OID Toolkit GitHub page you can Find possible solutions in the Tab "issues" by the link :

https://github.com/EscVM/OIDv4_ToolKit/issues