

ImageAnnotator User Guide

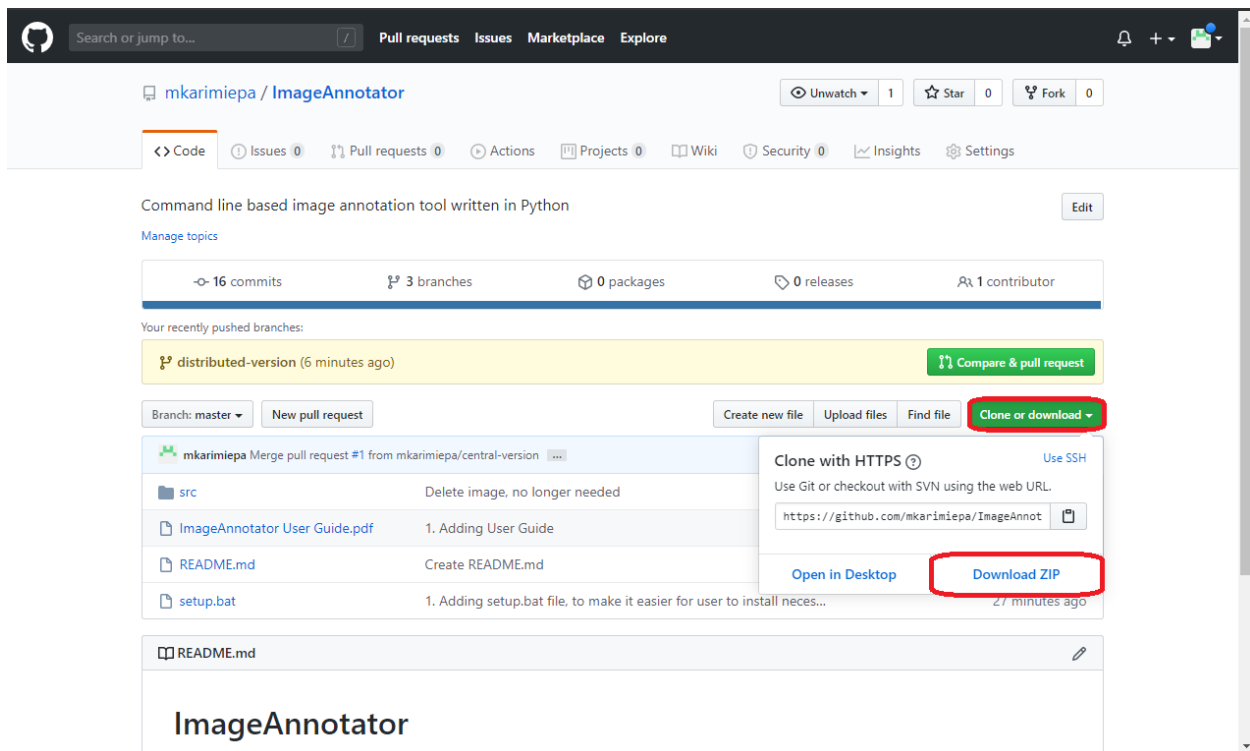
Setup

Prerequisites

- **To run the program, you must have Python 3.7+ installed on your computer.**
 - **Make sure Python is included in your Environment PATH variables**
- **You must have a Microsoft account with Microsoft OneDrive access**

Step 1. Downloading the ImageAnnotator

1. To download the ImageAnnotator, go to the following GitHub site:
<https://github.com/mkarimiepa/ImageAnnotator>, and click “Clone or download” on the right-hand side.
2. Then choose “Download ZIP” and select any location to download the ZIP file.
3. Once downloaded, extract the ZIP file.

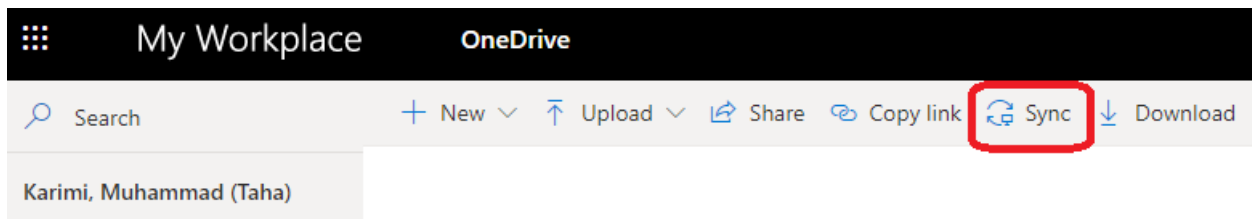


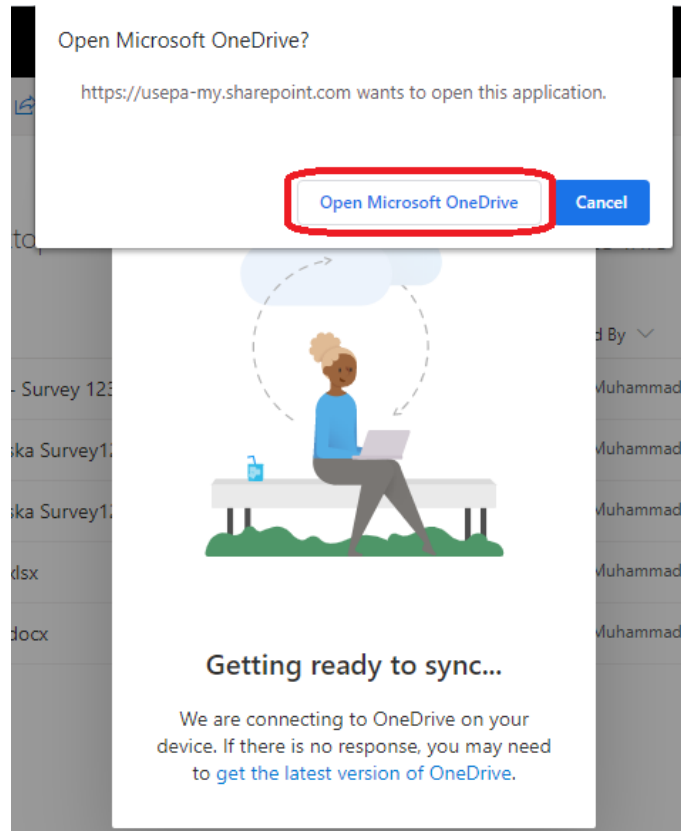
Step 2. Installing software

1. To install the program, just double-click on the file named “setup.bat” in the “ImageAnnotator-master” folder, and it will perform the necessary actions.
 - a. *Note: If an error occurs, and Python is installed correctly and included your PATH variable properly, then restarting your computer may resolve the issue.*

Step 3. Accessing the OneDrive folder

1. The OneDrive folder “ImageAnnotation” should have been shared with you, and you will receive an email with the link to it.
 - a. If you have not, please reach out to either Taha Karimi (Karimi.muhammad@epa.gov) or Timothy Boe (boe.timothy@epa.gov).
2. Once you receive the email, **connect to the VPN** (if you are not on a secure network), and then click on the link.
3. Follow the directions, and log into OneDrive as directed.
4. Once you have logged in, you will see the “ImageAnnotation” folder and its contents. In the top toolbar, select the “Sync” button, and when prompted, click to “Open Microsoft OneDrive”. **See the 2 Screenshots below for visual reference.**
5. Once this is done, the “ImageAnnotation” folder will now be synced to your Microsoft OneDrive account, giving you access to its contents, and thus allowing you to run the program.





Use

As for the use of the software, it is relatively simple, and additional guidelines are provided after running the program.

Running the Program

To run the program, simply double-click the “run.bat” batch file in the “src” folder (**see screenshot below**).

You can also run the program by opening a command prompt, navigating to the ImageAnnotator/src directory, and running the ImageAnnotator.py file directly by entering this command: “python ImageAnnotator.py”.

