Updated November 2020

# TIO (Tile-in-One plugin)

Live plugin is [here](https://tio.cern.ch/maintenance-status/).

This guide taken from [Tile-in-One Plugin Development](https://tio.cern.ch/documentation/plugin_development.md).

You’ll need some JavaScript, Python, and HTML.

**Installing**

You will need: [python3](https://opensource.com/article/19/5/python-3-default-mac), pip3, virtualenv

If you have Anaconda, you may need to [uninstall](https://stackoverflow.com/questions/42182706/how-to-uninstall-anaconda-completely-from-macos) before installing the requirements; afterwards can reinstall.

**Setting up**

python3 -m venv --system-site-packages ${HOME}/local/venv

source ${HOME}/local/venv/bin/activate

pip install -r requirements.txt

uwsgi -i app.ini

**Launching**

source ${HOME}/local/venv/bin/activate

uwsgi -i app.ini

Visit the local address set in app.ini, often [0.0.0.0:8000](http://0.0.0.0:8000), in a web browser of your choice.

Open the developer console (Option+⌘+J on Chrome, Option+⌘+K on Firefox) and start coding on your machine! You will need to clear your cache and reload the address to update it.