



dash_tuning_mirror.py

Web application to control (two) mirror flipper and (two) mirror angle, by using MFF101 (Thorlabs) and Picomotor9742 (Newport).

How to use

- Server side

In many case, the web-based control system is running. Not needed.

1. `ssh 144.213.126.146` on the client machine to login the server.
2. `python3 dash_tune_mirror.py`

- Client side

1. Access 144.213.126.146:8050 with the web browser

Screen shot of the Web browser:

Tooltip should appears when the mouse cursor on the button.

Tuning Mirrors

The screenshot displays the 'Tuning Mirrors' web application interface. On the left, there are two flipper controls: 'Flipper 1' with a blue border and a 'FLIP 1!' button, and 'Flipper 2' with a green border and a 'FLIP 2!' button. On the right, there are two mirror angle controls: 'Mirror 3ω' and 'Mirror 1ω'. Each mirror control has a red border, a digital display showing the current angle (0 for Mirror 3ω and 22000 for Mirror 1ω), a 'STOP' button, a 'VELOCITY' dropdown menu set to 'Low', and a 'MOVE' button. The interface is clean and functional, with clear labels and distinct colors for different sections.