

# OFCupid

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- **Website:**
- **Organization:** Wand Group, Waikato University
- **Contact:**
- **Repository:** <https://github.com/wandsdn/OFCupid>
- **License:** MIT

**Project Description:** A ryu based programmable OpenFlow1.3 patch pannel with an included web-ui.

Further info:

Intend this to be used in a testbed where a controller and network traffic can be patched into one of many switches. Increasing the ease of testing new SDN (or traditional) controllers and configurations on different network devices.

Features Include:

- Virtually patch two ports together
- Load and save a patch configurations from a file
- Simulated load operation
- Can be restarted or stopped without interrupting forwarding
- Configuration can be reloaded when running
- Web and HTTP REST interface
- Basic independent support for multiple switches
- Standalone, does not require internet access, all required javascript libraries are included
- Probably wont work with outdated browsers



- Link scientific paper(s)
- Link whitepaper(s)
- Link video(s)
- Link presentation(s)
- Link further resources