

# Test Guide - Python OCFL Validator

This tool is used to validate OCFL content against the requirements of the [OCFL specification](#). Although the validator does not provide complete coverage of all the requirements in the specification, the coverage is almost complete and documented on the [validation\\_status](#) page.

The validator can be run over the entire OCFL storage root, or just over individual OCFL objects.

## Instructions

These instructions include a "quick start" to get an initial, experimental, testing environment setup. Once the basic setup/execution details have been established, the "real" tests should be performed on a production-like system.

1. [Download](#) and install the Python scripts

```
a. git clone https://github.com/zimeon/ocfl-py.git
   pip install .
```

- b. Python 3 is required. Alternate [installation instructions](#)
2. Produce OCFL content either via the interacting with Fedora 6, or via running the migration-utils tooling against an existing Fedora 3
3. Validate the OCFL storage root
  - a. For example:

```
python3 ocfl-validate.py /tmp/fcrepo/data/ocfl-root/
```

4. Or, validate individual OCFL objects
  - a. For example:

```
python3 ocfl-validate.py /tmp/fcrepo/data/ocfl-root/085/648/691
/08564869163bce36f95f056928bc4586c2c24c7dbd6473f10db0d71df13027c0/
```

5. Document the results of your validation (*template needed*)