

Configure and customize pip

You can customize your pip.conf to point to a custom pypi repository

Sometimes a pip user may want to install a python package from a repository other than <http://pypi.python.org/simple/>.

ONAP has a staging repository in nexus3 for example at <https://nexus3.onap.org/repository/PyPi.staging/>.

By default, when you "pip install" it pulls from the public pypi repo, but if you want to pull from a custom repo there are 3 ways to do so (listed in order of precedence):

1. By passing a CLI flag to specify a custom index url

```
pip install -i/--index-url <url> <package>
```

2. By setting an environment variable

```
export PIP_INDEX_URL=<url>
pip install <package>
```

3. By specifying in a custom pip.conf file

```
[global]
timeout = 60
index-url = https://nexus3.onap.org/repository/PyPi/simple
```



Exhaustive documentation on pip configuration can be found here https://pip.pypa.io/en/stable/user_guide/#config-file

Related articles

- [How to use PyPi JJB Templates](#)
- [Configure and customize pip](#)