
odltools

Release master

Mar 19, 2020

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build passing

odltools needs some documentation.

Introduction to odltools

A tool to troubleshoot the NetVirt OpenDaylight OpenStack integration.

The tool can fetch mdsal model dumps, openvswitch flow dumps and extract dumps from CSIT output.xml files.

Contents:

: `_contribution`:

1.1 Contributing to odltools

: `_examples`:

1.2 odltools examples

1.3 Building a new release of odltools

Note: An experimental Makefile option is available. Use the below commands to complete all the steps listed later in this document. The make release target will create a branch `<BRANCH>`, tag, build and push the pypi package to pypi. The user should run the tox tests against the current branch before calling the make target.

```
make release <TAG> <BRANCH>

make release TAG=0.1.19 BRANCH=rel
```

-
1. Update the Version

```
vi odltools/__init__.py
git add odltools/__init__.py
git commit -s -m "release x.y.z"
git tags -m "release x.y.z" -a x.y.z
```

2. Run the Tests

```
tox (or detox)
```

3. Release on PyPi

```
python setup.py check
python setup.py clean
python setup.py sdist bdist_wheel upload
```

Note: The above commands assume a .pypirc like below will be used

```
[distutils]
index-servers =
    pypi
    testpypi

[pypi]
username = cooldude
password = coolpw

[testpypi]
repository: https://test.pypi.org/legacy/
username = cooldude
password = coolpw
```

4. Test the PyPi Install

```
mkvirtualenv tmptest
pip install odltools
python -m odltools -V
deactivate
rmvirtualenv tmptest
```

5. Push the Code

```
git push origin HEAD:refs/for/master
git push origin x.y.z
```

6. Verify All is Good in the World

Check the [PyPi odltools page](#), README, release notes, etc.