
python-ari Documentation

Release

OpenStack Foundation

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Installation

1.1 Stable Version

We recommend install python-ari with `pip`. At the command line:

```
pip install python-ari
```

1.2 Development (Unstable) Version

Note: This document originates from the OpenStack project. Since we also use the same toolset for testing, we can also use some of their documentaion. We have obviously made changes that only affect our project but we credit the OpenStack project for the original ¹.

If you want to run the latest development version of python-ari you will need to install git and clone the repo from GitHub:

```
git clone https://github.com/kickstandproject/python-ari
cd python-ari
```

1.2.1 Installing and using the virtualenv

To install the virtual environment you simply run the following:

```
python tools/install_venv.py
```

This will install all of the Python packages listed in the `requirements.txt` file into your virtualenv. There will also be some additional packages (`pip`, `distribute`, `greenlet`) that are installed by the `tools/install_venv.py` file into the virutalenv.

If all goes well, you should get a message something like this:

```
Python-ari development environment setup is complete.

Python-ari development uses virtualenv to track and manage Python
dependencies while in development and testing.

To activate the python-ari virtualenv for the extent of your current shell
```

¹ See <http://docs.openstack.org/developer/nova/devref/development.environment.html>

session you can run:

```
$ source /home/pabelanger/git/pabelanger/python-ari/.venv/bin/activate
```

Or, if you prefer, you can run commands in the virtualenv on a case by case basis by running:

```
$ /home/pabelanger/git/pabelanger/python-ari/tools/with_venv.sh <your command>
```

Also, make test will automatically use the virtualenv.

To activate the python-ari virtualenv for the extent of your current shell session you can run:

```
source .venv/bin/activate
```

Contributing

If you would like to contribute to the development of OpenStack, you must follow the steps in the “If you’re a developer, start here” section of this page:

<http://wiki.openstack.org/HowToContribute>

Once those steps have been completed, changes to OpenStack should be submitted for review via the Gerrit tool, following the workflow documented at:

<http://wiki.openstack.org/GerritWorkflow>

Pull requests submitted through GitHub will be ignored.

Bugs should be filed on Launchpad, not GitHub:

<https://bugs.launchpad.net/python-ari>

API Documentation

The source code is well documented using Python docstrings and comments. In addition, we have generated API documentation from the docstrings here: