

Harmonization documentation across LFN projects

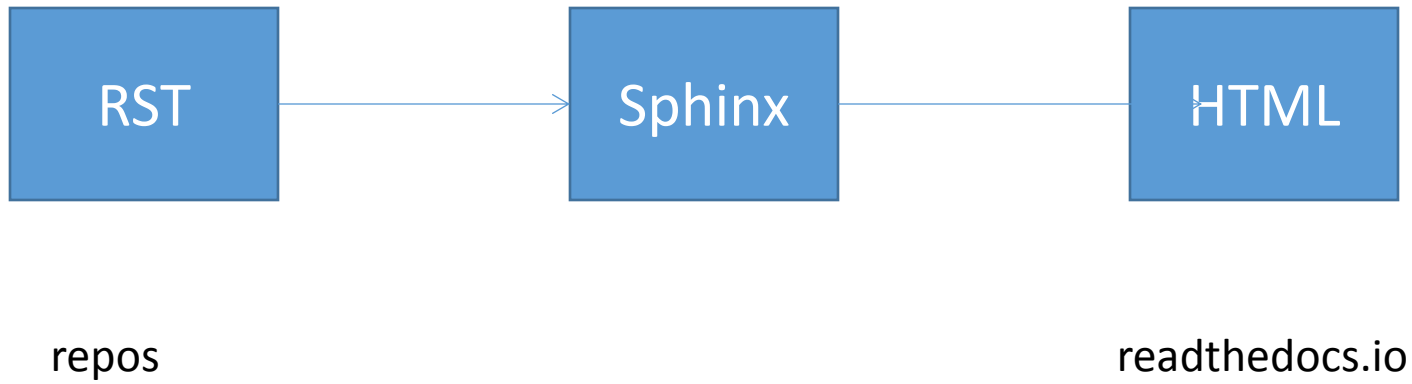
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March, 26 2018

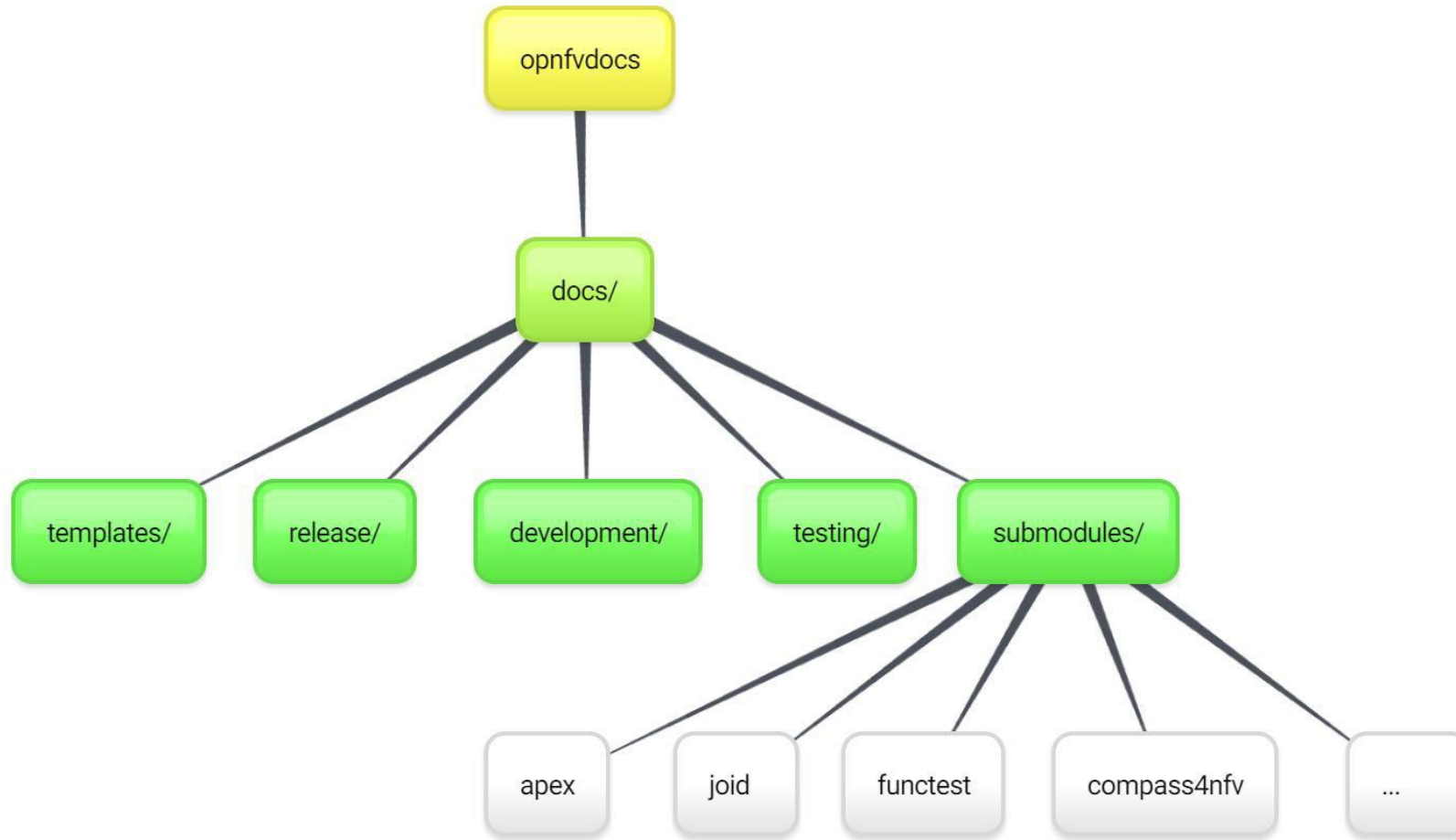
Requirements vary

- Different users from different (vendors, service providers, academic...)
 - Developer
 - User
 - Contributor
 - Newbie
- Different stages on the project
 - Stable documentation
 - Documentation for the project life
- Different expectations depending on project/component
 - Installation guide
 - User guide
 - Developer guide
 - End to end call flows

Tool chain



Documentation structure



Some Best Practice examples

- OpenDayLight
 - JavaDoc documentation
- OPNFV
 - Python components documentation
- ONAP Call flows
- APIs
 - Swagger spec
 - Versioning

OpenDayLight JavadDoc

The screenshot displays the JavadDoc interface for the OpenDayLight project. On the left, a sidebar shows a tree view of packages and classes, with 'All Classes' selected. The main content area is titled 'bgpcep 0.9.1-SNAPSHOT API' and features a navigation bar with tabs for 'OVERVIEW', 'PACKAGE', 'CLASS', 'USE', 'TREE', 'DEPRECATED', 'INDEX', and 'HELP'. Below the navigation bar, there are links for 'PREV', 'NEXT', 'FRAMES', and 'NO FRAMES'. The 'Packages' section is highlighted, listing various sub-packages under the 'org.opendaylight.bgpcep' namespace, including 'concepts', 'topology.provider', 'topology.provider.config', 'topology.provider.spi', 'config.loader.bmp', 'config.loader.impl', 'config.loader.protocols', 'config.loader.spi', 'config.loader.topology', 'pcep.topology.provider', 'pcep.topology.provider.config', and 'pcep.topology.provider.session.stats'.

OPNFV Xtesting Python API

[Docs](#) » [xtesting](#) » [xtesting package](#) » [xtesting.core package](#) » [xtesting.core.feature module](#)

[Edit on GitHub](#)

xtesting.core.feature module

Define the parent classes of all Xtesting Features.

Feature is considered as TestCase offered by Third-party. It offers helpers to run any python method or any bash command.

```
class xtesting.core.feature.BashFeature(**kwargs)
```

Bases: `xtesting.core.feature.Feature`

Class designed to run any bash command.

```
execute(**kwargs)
```

Execute the cmd passed as arg

Args:

kwargs: Arbitrary keyword arguments.

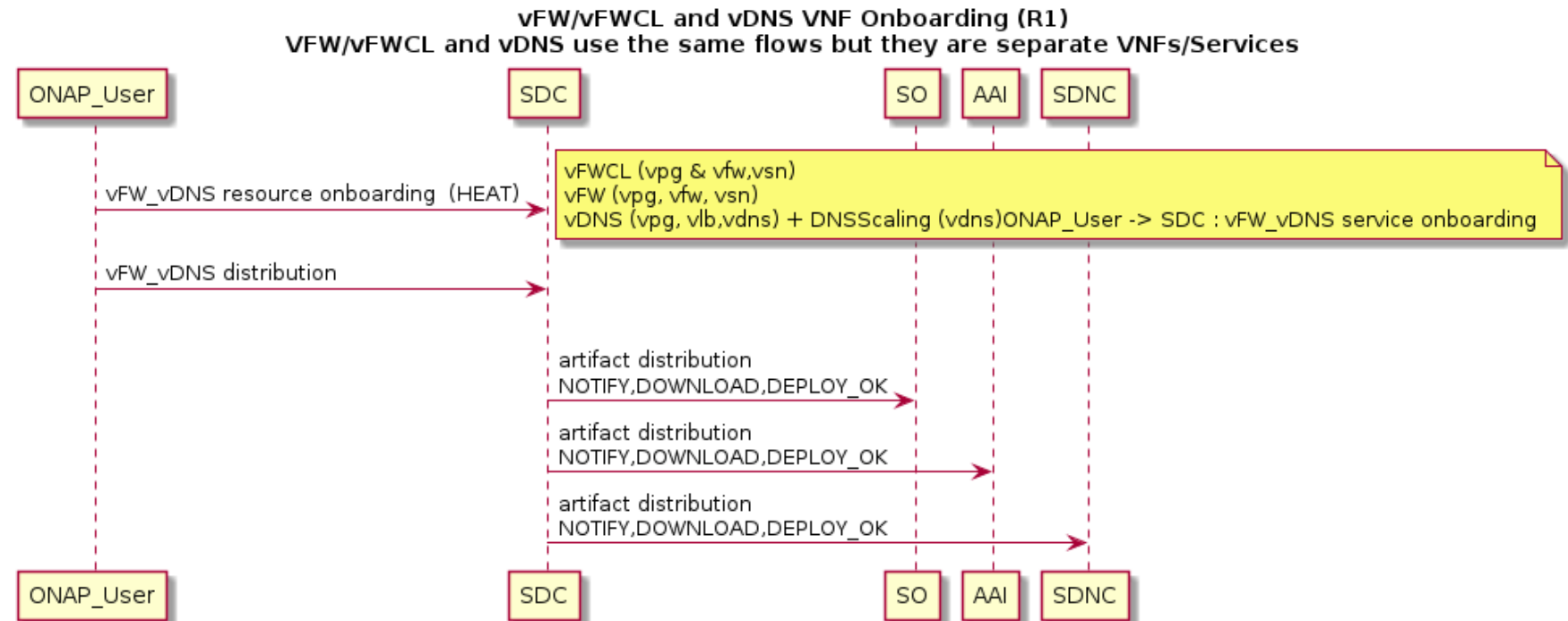
Returns:

0 if cmd returns 0, -1 otherwise.

ONAP Call flow: plantUML

.. uml::







```
@startuml title vFW/vFWCL and vDNS VNF Onboarding (R1)\nvFW/vFWCL and vDNS use the same flows but they are separate VNFs/Services
ONAP_User -> SDC : vFW_vDNS resource onboarding (HEAT)
note right : vFWCL (vpg & vfw,vsn)\nvFW (vpg, vfw, vsn)\nvDNS (vpg, vlb,vdns) + DNSScaling (vdns)\
ONAP_User -> SDC : vFW_vDNS service onboarding
ONAP_User -> SDC : vFW_vDNS distribution
|||
SDC -> SO : artifact distribution\nNOTIFY,DOWNLOAD,DEPLOY_OK
SDC -> AAI : artifact distribution\nNOTIFY,DOWNLOAD,DEPLOY_OK
SDC -> SDNC : artifact distribution\nNOTIFY,DOWNLOAD,DEPLOY_OK
@enduml
```



ONAP REST API

- Swagger file mandatory for ONAP
- Still various possibilities to describe
- Proposal example for new component

API Table

API	 json file	 html doc	 plantUML doc	 Swagger Editor	 Postman Collection	 pdf doc
serviceCatalog	link	link	link	link	ffs	ffs
serviceInventory	link	link	link	link	ffs	ffs
serviceOrder	link	link	link	link	link	ffs

Other LFN Best Practice Experiences ?

ONAP Documentation Goals for Beijing (Release 2)

- **Updates from Amsterdam (Release 1)**
- **Interfaces:**
 - API documentation – Standard specification, descriptions & versioning
 - API differentiation - Rest, Healthcheck, Components
 - OpenStack Interfaces
- **ONAP for Newbies**
 - Call flow description – End to end use cases
 - End User - End to end descriptions
 - ONAP “Light” for SEs, Architects
 - Wiki Sandbox for Developers
- **VNF Reference List**
- **ONAP Health & Maturity metrics**
- **Tool Chain and Utilities**
 - Tools to facilitate RST conversion
 - Strong Doc8 validation
 - LF Tool Chain documentation

ONAP volunteers?

Amsterdam documentation » next | index




Table Of Contents

[ONAP Documentation](#)
[Index and Search](#)

Next topic

[Releases](#)

This Page

[Show Source](#)

Quick search

ONAP Documentation

- Releases
 - [Getting Started With Amsterdam](#)
- ONAP Developer
 - [Architecture](#)
 - [Tutorials](#)
 - [Setting Up ONAP](#)
 - [Developing ONAP](#)
 - [Creating Documentation](#)
 - [REST API Reference](#)
- ONAP User
 - [VNF Provider Guidelines and Requirements](#)
 - [Service Designer](#)
 - [Service Administrator](#)
 - [User Portal](#)

Index and Search

- [Index](#)
- [Search Page](#)

Amsterdam documentation » next | index

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THANK YOU;-)



Welcome to the
OpenDaylight Handbook!

[Content for OpenDaylight
Users](#)

[Content for OpenDaylight
Developers](#)

[Content for OpenDaylight
Contributors](#)

[Prev Page](#)

[Next Page](#)

Welcome to the OpenDaylight Handbook!

This handbook provides details on various aspects of OpenDaylight from the user guides to the developer guides and tries to act as a single point of contact for all documentation related articles in OpenDaylight. If you would like to contribute to the Handbook please refer to the [Documentation Guide](#).

Content for OpenDaylight Users

The following content is intended for people who would like to deploy, use, or just learn more about OpenDaylight.

- [Release Notes](#)
- [Getting Started Guide](#)
- [OpenDaylight User Guide](#)
- [OpenDaylight with Openstack Guide](#)


Content for OpenDaylight Developers

The Following content is intended for developers building applications or code on top of OpenDaylight, but who do not plan to modify OpenDaylight code itself.

- [Developer Guide](#)
- [Java API Documentation](#)

Content for OpenDaylight Contributors

The following content is intended for developers who either currently participate in the development of OpenDaylight or would like to start.

 v: stable/oxygen ▾

OPNFV Documentation

Testing Frameworks

Developer

Infrastructure

Prev Page

Next Page

whether you are an employee of a member company or just passionate about network transformation.

- [Platform overview](#)
- [Installation](#)
- [User Guide & Configuration Guide](#)
- [Release Notes](#)

Testing Frameworks

- [Testing Framework Overview](#)
- [Testing User Guides](#)
- [Testing Developer Guides](#)

Developer

- [Documentation Guide](#)
- [OPNFV Projects](#)

Infrastructure

- [Infrastructure Overview](#)
- [Continuous Integration - CI](#)
- [Cross Community Continuous Integration - XCI](#)

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- [Main page](#)
- [Recent changes](#)
- [Random page](#)
- [Help](#)

Tools

- [What links here](#)
- [Related changes](#)
- [Upload file](#)
- [Special pages](#)
- [Printable version](#)
- [Permanent link](#)
- [Page information](#)

Page [Discussion](#)

Read [View source](#) [View history](#)

Main Page

Last updated 25 days ago

Contents [\[hide\]](#)

- [1 Welcome to the fd.io Developer Wiki](#)
- [2 fd.io projects](#)
- [3 fd.io Community Gatherings](#)
- [4 Get Involved](#)
- [5 Useful Resources for Projects](#)
- [6 Getting IT Support for fd.io Infrastructure \(Gerrit/Jenkins/Mailers/Nexus/etc\)](#)
- [7 Presentations](#)
- [8 Videos](#)

Welcome to the fd.io Developer Wiki

This wiki supports Linux Foundation ID single-sign-on and registration with the link at the top this page. Other components of the fd.io Project that do not support single-sign-on will directly request your Linux Foundation ID username and password for login.

fd.io projects

- [• VPP](#)
- [• Honeycomb](#)
- [• CSIT](#)
- [• NSH SFC](#)

Gerrit Guide

Prerequisites

Clone the code

SSH Clone

Anonymous HTTP Clone

Authenticated HTTP Clone

Clone with commit-msg hook

Push patches to Gerrit

Push using git review

Push using git push

Push output

Update an existing patch

Update a patch with dependent changes

Code Review

Pre-review

Review

Merge

Set up Gerrit

Generating SSH keys for

Gerrit Guide

Gerrit is an opensource web-based collaborative code review tool that integrates with Git. Gerrit provides a framework for reviewing code commits before it merges into the code base. The changes are not made a part of the project until a code review completes. Gerrit is also a good collaboration tool for storing the conversations that occur around the code commits.

Note

[Here is more information on Gerrit](#)

Prerequisites

Before you get started, you should have:

- an LFID account (sign up [here](#))
- git installed (see: <http://www.git-scm.com/downloads>)
- git configured with your name, e-mail address and editor

```
git config --global user.name "Firstname Lastname"  
git config --global user.email "email@address.com"  
git config --global core.editor "text-editor-name"
```

Note

Your name and e-mail address (including substitutions) must match what you entered during registration.

v: latest ▾