OpenDaylight Toolkit

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Introduction

OpenDaylight Toolkit is a framework to enabled developers to easily develop applications on top of the OpenDaylight controller. Our goal is to be infrastructure independent and allow developers to develop application on top of multiple platforms.

Objectives:

- Repository of Archetypes for various use-cases. The use-cases may include app development, infrastructure component development, southbound plugin development, Custom distribution, user interface, northbound APIs, apps using northbound REST APIs, etc.
- Provide the Archetypes catalog for OpenDaylight
- In addition to the code and related resources, these Archetype templates can also include necessary development toolkits such as eclipse launchers, debug helpers, etc.

Project Information

- Project Proposal
- Release Plan (2014)

Project Backlog

- Sprint 6 **06/26 - 07/17**
- agilefant

Project Repo

- gitweb
- Etherpad (same login as Gerrit and this wiki)
- WebIRC
- **git clone https://git.opendaylight.org/gerrit/p/toolkit.git**

Documentation

Getting Started

[Draft] Getting Started on Linux

The project comes with a sample simple application and a tool directory where the web development environment is located. Here are the instructions to run this setup:

1. git clone https://git.opendaylight.org/gerrit/p/toolkit.git
2. **mvn clean install** within the root directory
3. **mvn clean install** within the samples/simple directory
4. Start the controller under *main/target/main-osgipackage/opendaylight* and **./run.sh -console**
5. Provision your CORS filter, under kit/provision run the provision.js node application
6. Then start the server **node server.js** within the tool/node directory

Project Facts

Project Creation Date: April 3rd, 2014

Lifecycle State: Archived

Primary Contact: Andrew Kim <h.andrew.kim@gmail.com>

Project Lead: unassigned

Committers:

- Madhu Venugopal (mavenugo@gmail.com)
- Colin Dixon (colin@colindixon.com)
- Andrew Kim (h.andrew.kim@gmail.com)
- Lakshmi Balasubramanya (violinlakshmi@gmail.com)

IRC: freenode.net #opendaylight

Mailing List: [toolkit] topic on dev@lists.opendaylight.org
Archives: mailing list archives

Meetings: See Community Meetings

Repository: git clone https://git.opendaylight.org/gerrit/toolkit

Jenkins: jenkins silo

Gerrit Patches: code patches/reviews

Bugs:

- open bugs

Go to <your_ip>:8000 to start developing your simple web application. The simple web application will access the northbound APIs of your simple application at <your_ip>:8080

Getting Started on Mac / Windows

- [Draft] Getting Started on Mac
- Getting Started on Windows

Sample Apps

- Simple App
- TBD

Requirements

Release Planning

Release Notes