

Armoury

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Introduction

Just as compute needs to make requests to the controller to get networking resources in order to provide its services, so too does the controller sometimes need to make requests of the workload manager to get compute resources and/or network function (NF) (physical or virtual) orchestration to provide its services.

Examples would include, but not be limited to SFC requesting the standing up of new network functions (physical or virtual) across which it could load balance in response to network conditions.

In order to accomplish this end armoury needs to provide minimally three things:

1. A registry or catalog of the necessary information (images, metadata, templated day 0 config, how to communicate with the NF, etc) to describe the NF to the workload manager and/or network function (NF) (physical or virtual) orchestration.
2. The most minimal possible API to allow applications to request that the workload manager start /stop/etc the NF and some information from the workload manager/nf orchestrator about the state of the NF.
3. Example Drivers to talk to various workload managers (OpenStack/Mesosphere/Docker /Kubernetes/etc).

The goal is not to build a full blown orchestrator, but rather to provide the mechanism for ODL applications to request NFs from disparate workload managers and/or upstream orchestrators.

Tasks tracking

[Armoury Trello Board](#)

Project Facts

Project Creation Date: August 20, 2015

Lifecycle State: Archived

Primary Contact: Maros Marsalek (mmarsale, mmarsale@cisco.com)

Project Lead: Alexis de Talhouët (adetalhouet, adetalhouet@inocybe.com)

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IRC: [#opendaylight-armoury](https://freenode.net)

Mailing List: armoury-dev@lists.opendaylight.org
Archives: [mailing list archives](#)

Meetings: See [Community Meetings](#)

Task List: [Armoury Trello Board](#)

Repository: git clone <https://git.opendaylight.org/gerrit/armoury>

Jenkins: [jenkins silo](#)

Gerrit Patches: [code patches /reviews](#)

Bugs:

- [open bugs](#)

Documentation

[Getting Started for Users](#)

[Getting Started for Developers](#)

Requirements

Release Planning

[Beryllium Release Plan](#)

Project Proposal

- [Armoury Project Proposal](#)

Meetings

When

Weekly on Monday from 11:15am-12:00 PM PST/PDT | 1:15-2:00 PM EST/EDT | 16:00-17:00 UTC during Daylight Time

Where

IRC: #opendaylight-armoury on freenode

Agenda

Agenda for next meeting (11/02)

- Agenda bashing and roll call
- On going tasks
 - workload-manager async redesign
 - workload manager RPCs
- Open discussion
 - JDK8 support

Minutes from past meetings

11/02: [Minutes - log](#)
10/26: [Minutes - log](#)
10/19: [minutes - log](#)
10/12: [minutes - log](#)
10/05: [minutes - log](#)
09/28: [minutes - log](#)
09/21: [minutes - log](#)
09/14: [minutes - log](#)
09/07: [mail](#)

Release Notes