

# Armoury: Beryllium: Release Plan

## Contents

- [Introduction](#)
- [Release Deliverables](#)
- [Release Milestones](#)
- [Externally Consumable APIs](#)
- [Expected Dependencies on Other Projects](#)
- [Expected Incompatibilities with Other Projects](#)
- [Compatibility with Previous Releases](#)
- [Themes and Priorities](#)
- [Requests from Other Projects](#)
- [Test Tools Requirements](#)
- [Other](#)

## Introduction

## Release Deliverables

Name	Description
Sequence diagram	Diagram presenting the whole interaction from a user perspective
NF Catalog	Define files, images, configuration necessary for NF. A part of the NF Catalog will host images.
Driver registry	Code to interact with underlying infrastructure (e.g. openstack, docker, ...) to load and configure NF images.
Workload manager	Provide APIs to spawn NFs
SFC use case	Define a sequence diagram for SFC+ Taker + Armoury.

## Release Milestones

- **Offset: 2**

Milestone	Offset X Date	Deliverables		
M1	8/11/2015	<b>Name</b>	<b>Status</b>	<b>Description</b>
		Project Lead elected	<b>Done</b>	Armoury Project Lead election
		Primary contact specified	<b>Done</b>	Armoury primary contact specified
		Test contact specified	<b>Done</b>	Armoury test contact announced
		Candidate Release Plan	<b>Done</b>	Candidate Release Plan
M2	9/3/2015	<b>Name</b>	<b>Status</b>	<b>Description</b>
		Release Plan	<b>Done</b>	Final Release Plan
		Project Checklist	<b>Done</b>	Project Checklist completed
		Project acknowledged	<b>Done</b>	Project acknowledged from all projects that it depends on.
M3	10/15/2015	<b>Name</b>	<b>Description</b>	
		Feature Freeze		
		Candidate Stable Distribution	A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.	

M4	11/12/2015	<b>Name</b>		<b>Description</b>	
		API Freeze			
		Candidate Stable Distribution		A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	
		Extension Distribution		A running candidate of what is attempting to be the extension distribution.	
M5	12/17/2015	<b>Name</b>		<b>Description</b>	
		Code Freeze			
		Candidate Stable Distribution		A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	
		Extension Distribution		A running candidate of what is attempting to be the extension distribution.	
RC0	1/7/2016	<b>Name</b>		<b>Description</b>	
		Candidate Stable Distribution		A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	
		Extension Distribution		A running candidate of what is attempting to be the extension distribution.	
RC1	1/14/2016	<b>Name</b>		<b>Description</b>	
		Candidate Stable Distribution		A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	
		Extension Distribution		A running candidate of what is attempting to be the extension distribution.	
RC2	1/21/2016	<b>Name</b>		<b>Description</b>	
		Release Review		Release Review Description	
		Candidate Stable Distribution		A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	
		Extension Distribution		A running candidate of what is attempting to be the extension distribution.	
RC3	1/28/2016	<b>Name</b>		<b>Description</b>	
		Release Review		Release Review Description	
		Candidate Stable Distribution		A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.	
		Extension Distribution		A running candidate of what is attempting to be the extension distribution.	
Formal Release	2/4/2016	<b>Name</b>		<b>Description</b>	
		Deliverable Name	Deliverable Description		

## Externally Consumable APIs

Short Name	Description	Type (at M2)	Type (at M3)	Type (release)	Contract	Supporting Code
NF Catalog	List of available NFs	Provisional	Provisional	Provisional	catalog.yang	catalog-impl
Workload Manager	List of RPCs to manage instances	Provisional	Provisional	Provisional	workloadmanager.yang	workloadmanager-impl
Driver registry	List of available drivers	Provisional	Provisional	Provisional	_TODO_ driver.yang	_TODO_ driver-impl

## Expected Dependencies on Other Projects

Providing Project	Deliverable Name	Needed By	Acknowledged?	Description
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controller	features	M3	No	basic controller features
mdsal	features	M3	No	mdsal features
odlparent	features	M3	No	odlparent values
netconf	features	M3	No	netconf values
yangtools	features	M3	No	yangtools for compiling yang

## Expected Incompatibilities with Other Projects

None

## Compatibility with Previous Releases

- None intrinsic to distribution, projects delivered may have their own.

## Themes and Priorities

- Sequence diagram for the overall interaction
- NF catalog
- Workload Manager
- Driver registry
- Use case: SFC
  - sequence diagram

## Requests from Other Projects

None

## Test Tools Requirements

- This project plans on using System Test (ST) inside OpenDaylight cloud:
  - CSIT job to consume NF catalog / Workload manager / driver registry
- This project plans on implementing UT to cover its codebase.
- This project plans in implementing IT tests.

## Other