

MD-SAL: Carbon : Release Plan

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Introduction

Release Deliverables

Name	Description
BUG-1411	Milestone: Implement Binding Specification v2

Release Milestones

- **Offset:** <Should be 0, 1 or 2. The dates in the table and the number in the column header should be adjusted to match>

Milestone	Offset 0 Date	Deliverables	
M1	10/20/2016	Name	Description
		Release Plan	Candidate Release Plan
M2	11/17/2016	Name	Description
		Release Plan	Final Release Plan
M3	12/22/2016	Name	Description
		Feature Freeze	
M4	2/2/2017	Name	Description
		API Freeze	
		Java Binding Specification v2 - Finalized API	Finalized version of Binding Specification and related MD-SAL interfaces
M5	3/2/2017	Name	Description
		Code Freeze	
		Java Binding Specification v2 - Preview	New version of Java Binding specification, which is stand-alone, usable in preview / beta mode.
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.

RC0	4/13/2017	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>		Name	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.				
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RC2	4/27/2017	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Release Review</td><td>Release Review Description</td></tr><tr><td>Candidate Stable Distribution</td><td>A running candidate of what is attempting to be the stable distribution to be blessed by the TSC.</td></tr><tr><td>Code generator prototype</td><td>https://git.opendaylight.org/gerrit/#/q/topic:code-generator-prototype</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></table>		Name	Description	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.	Code generator prototype	https://git.opendaylight.org/gerrit/#/q/topic:code-generator-prototype	Extension Distribution	A running candidate of what is attempting to be the extension distribution.
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Formal Release	5/11/2017	<table><tr><th>Name</th><th>Description</th></tr><tr><td>Deliverable Name</td><td>Deliverable Description</td></tr></table>		Name	Description	Deliverable Name	Deliverable Description						
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Externally Consumable APIs

Short Name	Description	Type (at M2)	Type (at M3)	Type (release)	Contract	Supporting Code
YANG Java Binding	Base common concepts for YANG Java Binding	Stable				yang-binding
YANG Java Binding2	Base common concepts for YANG Java Binding2	Provisional				mdsal-binding2-spec
DOM MD-SAL	DOM MD-SAL APIs providing access to RPC, Data and	Stable			TBD (at M3 / M4)	mdsal-dom-api
Binding MD-SAL	Codec for XML serialized YANG modeled data	Provisional			link to the Java interface	mdsal-binding-api
Binding2 MD-SAL	Codec for XML serialized YANG modeled data	Provisional			link to the Java interface	mdsal-binding2-api
Binding to DOM Codecs	Codec for Java Binding to YANG Data	Stable			link to the Java interface	binding-data-codec
Binding2 to DOM Codecs	Codec for Java Binding2 to YANG Data	Provisional			link to the Java interface	binding2-data-codec

Expected Dependencies on Other Projects

- ODL Parent
- YANG Tools

Expected Incompatibilities with Other Projects

None

Compatibility with Previous Releases

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

Themes and Priorities

Finalization of Data Tree Producer, Consumer and Shard API contracts, introduction of new Java code generation - Binding Specification 2, which will use Java 8 features and will aim to solve current deficiencies of preexisting code generation (Binding Specification 1).

Requests from Other Projects

None

Test Tools Requirements

None

Other