

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	<table border="1"><thead><tr><th>Name</th><th>Description</th></tr></thead><tbody><tr><td>Release Plan</td><td>Candidate Release Plan</td></tr></tbody></table>	Name	Description	Release Plan	Candidate Release Plan					
Name	Description										
Release Plan	Candidate Release Plan										
M2	11/17/2016	<table border="1"><thead><tr><th>Name</th><th>Description</th></tr></thead><tbody><tr><td>Release Plan</td><td>Final Release Plan</td></tr></tbody></table>	Name	Description	Release Plan	Final Release Plan					
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M3	12/22/2016	<table border="1"><thead><tr><th>Name</th><th>Description</th></tr></thead><tbody><tr><td>Feature Freeze</td><td></td></tr></tbody></table>	Name	Description	Feature Freeze						
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M4	2/2/2017	<table border="1"><thead><tr><th>Name</th><th>Description</th></tr></thead><tbody><tr><td>API Freeze</td><td></td></tr><tr><td>Java Binding Specification v2 - Finalized API</td><td>Finalized version of Binding Specification and related MD-SAL interfaces</td></tr></tbody></table>	Name	Description	API Freeze		Java Binding Specification v2 - Finalized API	Finalized version of Binding Specification and related MD-SAL interfaces			
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M5	3/2/2017	<table border="1"><thead><tr><th>Name</th><th>Description</th></tr></thead><tbody><tr><td>Code Freeze</td><td></td></tr><tr><td>Java Binding Specification v2 - Preview</td><td>New version of Java Binding specification, which is stand-alone, usable in preview / beta mode.</td></tr><tr><td>Extension Distribution</td><td>A running candidate of what is attempting to be the extension distribution.</td></tr></tbody></table>	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.	
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Extension Distribution	A running candidate of what is attempting to be the extension distribution.										

RC0	4/13/2017	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.			
RC1	4/20/2017	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.			
RC2	4/27/2017	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.			
RC3	5/4//2017	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.			
		Extension Distribution	A running candidate of what is attempting to be the extension distribution.			
Formal Release	5/11/2017	Name		Description		
		Deliverable Name	Deliverable Description			

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