

MD-SAL:Beryllium:Release Notes

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Major Features

Beryllium release marks the fourth release (previous was [Lithium](#)) of the most of MD-SAL components and first release of MD-SAL as separate project from YANG Tools and OpenDaylight Controller.

We have fixed [22 issues](#) ranging from small annoyances to major reworks (code migration and reorganization).

We have successfully migrated code generation components from YANG Tools project, and messaging patterns from OpenDaylight Controller project in order to lower the coupling between the YANG-defined runtime, the actual message patterns used in OpenDaylight and their clustering implementation.

Most prominent feature of this release is migration of codebase and redesign of APIs, although we we're unable to provide production ready runtime for new introduced APIs.

Target Environment

For Execution

MD-SAL are kept completely portable and require only JVM compliant with Java 7 SE or Java 8 SE to run. The code generator for YANG maven plugin requires Maven version 3.1.1 or later and YANG Maven Plugin version 0.8.

For Development

MD-SAL is developed as a normal Java project.

Timeline Features Completed in this Release

This release intrduces preview version of Data Tree Consumer and Data Tree Producer APIs which describes / provides improved message patterns using Data Tree.

Bugs Fixed in this Release

[22 issues](#)

Migration from Previous Releases

Migration of code-base from YANG Tools resulted in change of group-ids of some artefacts and code restructure resulted in merging several tightly-coupled artefacts.

Migrated artefacts from YANG Tools

Original Maven Coordinates			Migrated Maven Coordinates		
groupid	artifactId	version	groupid	artifactId	version
org.opendaylight.yangtools	yang-binding	0.7.x	org.opendaylight.mdsal	yang-binding	0.8.0
org.opendaylight.yangtools	binding-data-codec	0.7.x	org.opendaylight.mdsal	mdsal-binding-dom-codec	0.8.0
org.opendaylight.yangtools	binding-java-api-generator	0.7.x	org.opendaylight.mdsal	mdsal-binding-java-api-generator	0.8.0
org.opendaylight.yangtools	maven-sal-api-gen-plugin	0.7.x	org.opendaylight.mdsal	mavan-sal-api-gen-plugin	0.8.0
org.opendaylight.yangtools	binding-generator-api	0.7.x	org.opendaylight.mdsal	mdsal-binding-generator-api	0.8.0
org.opendaylight.yangtools	binding-model-api	0.7.x	org.opendaylight.mdsal	mdsal-binding-generator-api	0.8.0

org.opendaylight.yangtools	binding-generator-spi	0.7.x	org.opendaylight.mdsal	mdsal-binding-generator-api	0.8.0
org.opendaylight.yangtools	binding-generator-util	0.7.x	org.opendaylight.mdsal	mdsal-binding-generator-api	0.8.0
org.opendaylight.yangtools	binding-generator-impl	0.7.x	org.opendaylight.mdsal	mdsal-binding-generator-impl	0.8.0
org.opendaylight.yangtools	binding-type-provider	0.7.x	org.opendaylight.mdsal	mdsal-binding-generator-impl	0.8.0
org.opendaylight.yangtools	binding-test-model	0.7.x	org.opendaylight.mdsal	mdsal-binding-test-model	0.8.0
org.opendaylight.yangtools	binding-parent	0.7.x	org.opendaylight.mdsal	mdsal-binding-parent	0.8.0
org.opendaylight.yangtools.model	any artifact id	any version	org.opendaylight.mdsal.model	same as in YANGTools	Date part same as in YANGTools, .8 suffix

Karaf Features migrated from YANG Tools

Original in YANGTools			Migrated in MD-SAL		
Repository	Name	Version	Repository	Name	Version
features-yangtools	odl-yangtools-models	0.7.0	features-mdsal-models	odl-mdsal-models	0.8.0
features-yangtools	odl-yangtools-data-binding	0.7.0	features-mdsal	odl-mdsal-binding-runtime	2.0.0
features-yangtools	odl-yangtools-binding	0.7.0	features-mdsal	odl-mdsal-binding-base	
features-yangtools	odl-yangtools-binding-generator	0.7.0	features-mdsal	odl-mdsal-binding-runtime	2.0.0

Compatibility with Previous Releases

Outside of APIs previously deprecated, this release retains API compatibility with last Lithium release.

Deprecated, End of Lived, and/or Retired Features/API