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# OpenJDK Adoption Group

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OpenJDK Adoption Group Lead
Principal Product Manager
Java Platform Group @ Oracle
June 13th, 2017 @ JCP EC

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# Program Agenda

1. Status
2. Activity
3. JDK 9 Outreach
4. Where Do We Go Next?

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# OpenJDK Adoption Group

**http://openjdk.java.net/groups/adoption/**

- Proposed & created in December 2013
- Inspired by the infectious enthusiasm of AdoptOpenJDK effort
- Initial Group Members came from OpenJDK & AdoptOpenJDK communities
- An open venue for discussions on collaboration in OpenJDK in general
- A place to find experienced Contributors to assist
- A stage to debate grand and small ideas on and to forge better ones

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# OpenJDK Adoption Group

**http://openjdk.java.net/groups/adoption/**

- *„The Adoption Group bundles and aids collaboration on OpenJDK Projects by lowering the barriers to contribution and bringing JDK development into the hearts of the Java community.”*
- It has not sponsored any OpenJDK Projects of its own (yet?)
  - It has no code!
- It has
  - A wiki: https://wiki.openjdk.java.net/display/Adoption/Main
  - A mailing list: http://mail.openjdk.java.net/mailman/listinfo/adoption-discuss
  - 8 Group Members: http://openjdk.java.net/census#adoption

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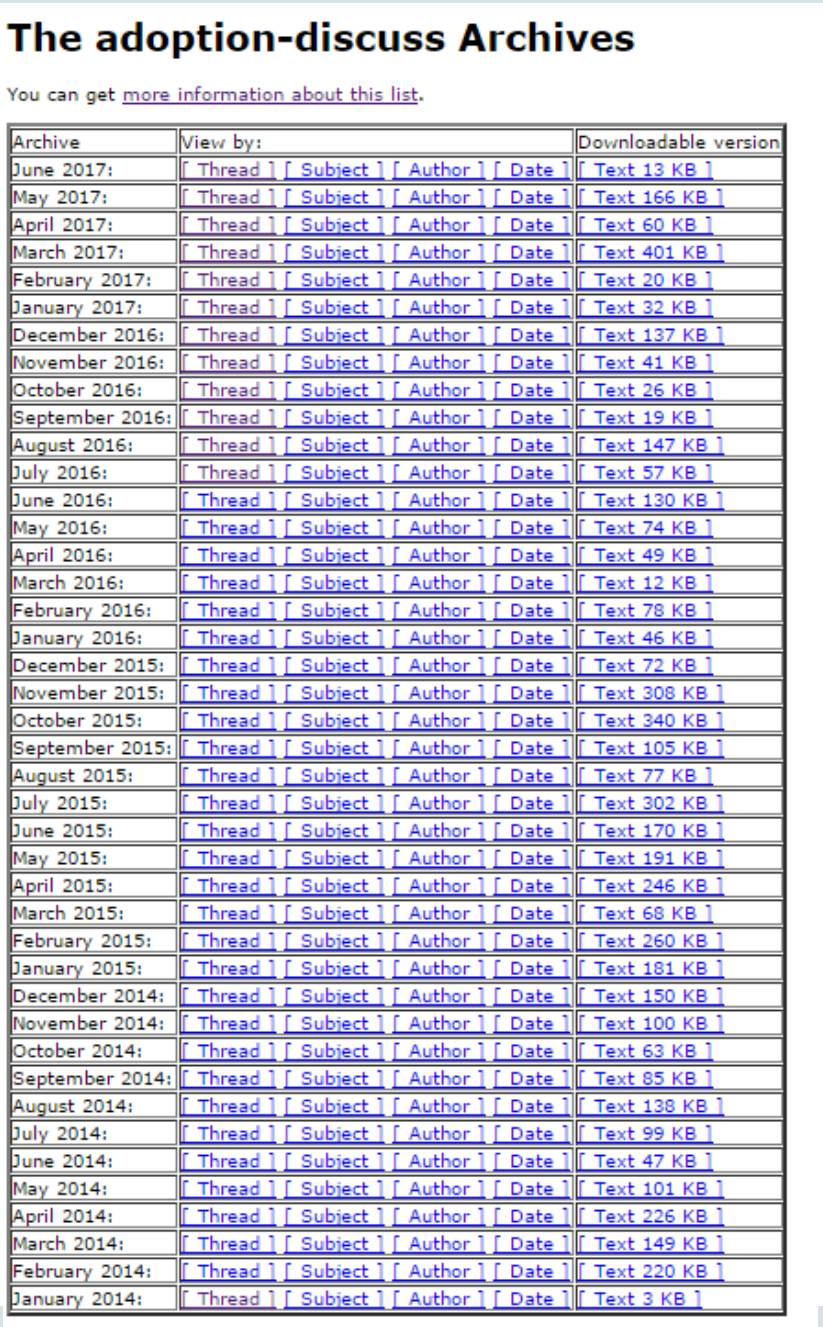
# Activity

- Main activity is on adoption-discuss mailing list
- A lot of variation from month to month
- Busyiest months had up to 100 messages
- Around 250 Participants
- Around 10% have been posting in 2017



## The adoption-discuss Archives

You can get more information about this list.

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|---|---|---|
| June 2017: | [ Thread ] [ Subject ] [ Author ] [ Date ] | [ Text 13 KB ] |
| May 2017: | [ Thread ] [ Subject ] [ Author ] [ Date ] | [ Text 166 KB ] |
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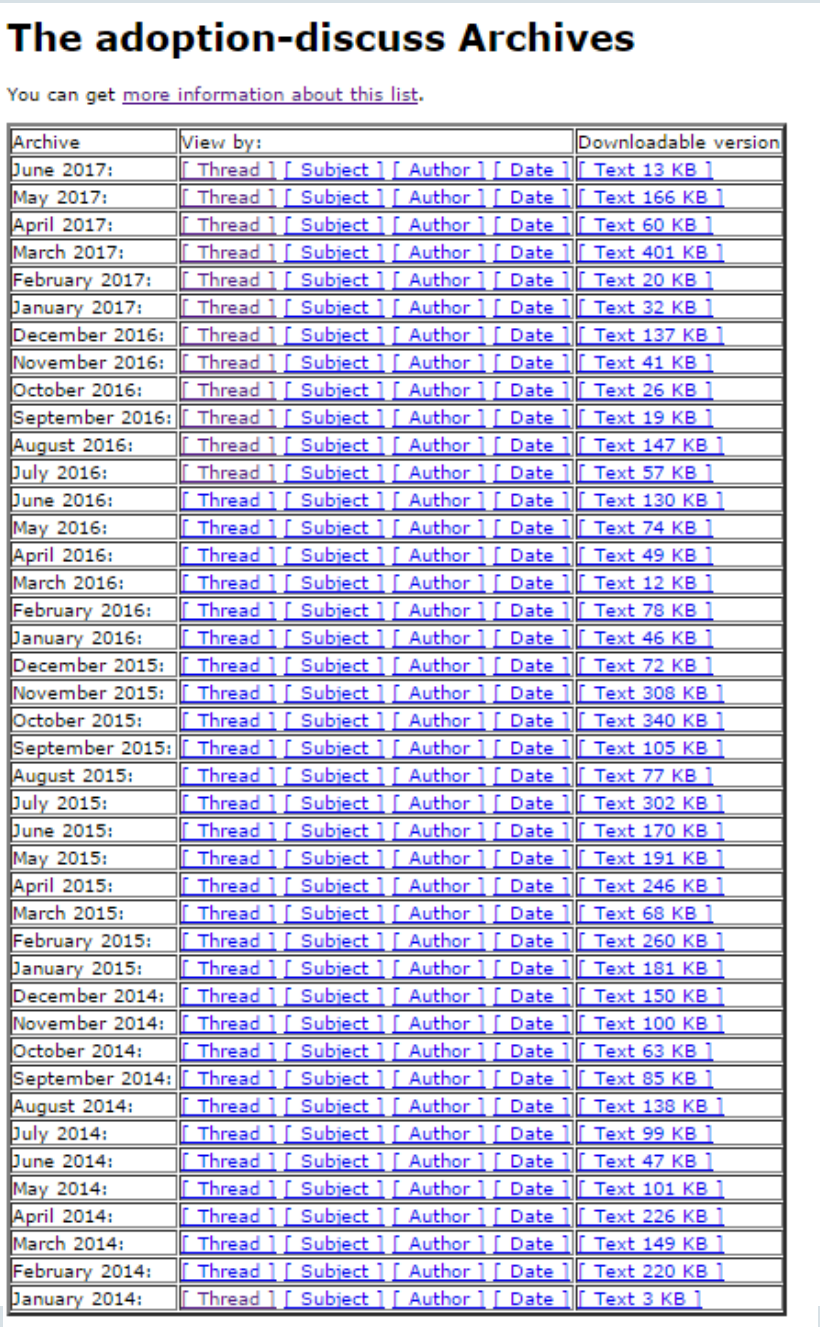
# Activity

- Larger discussions in last 6 months
  - JDK 9 test results and calls for testing
  - Building binaries
  - Organizing HackDays and proving feedback
  - Cleaning up low hanging fruit
  - Feature ideas



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# OpenJDK Adoption Group – Quality Outreach

**http://openjdk.java.net/groups/adoption/**

- Initiated within the OpenJDK Adoption Group
- Graduated to OpenJDK Quality Group
- See presentation from Rory O‘Donnell from March 2017 JCP EC meeting
- Inspired by AdoptOpenJDK effort to build and test open source on OpenJDK
- Learned from it, and reassembled its ideas differently to make it work

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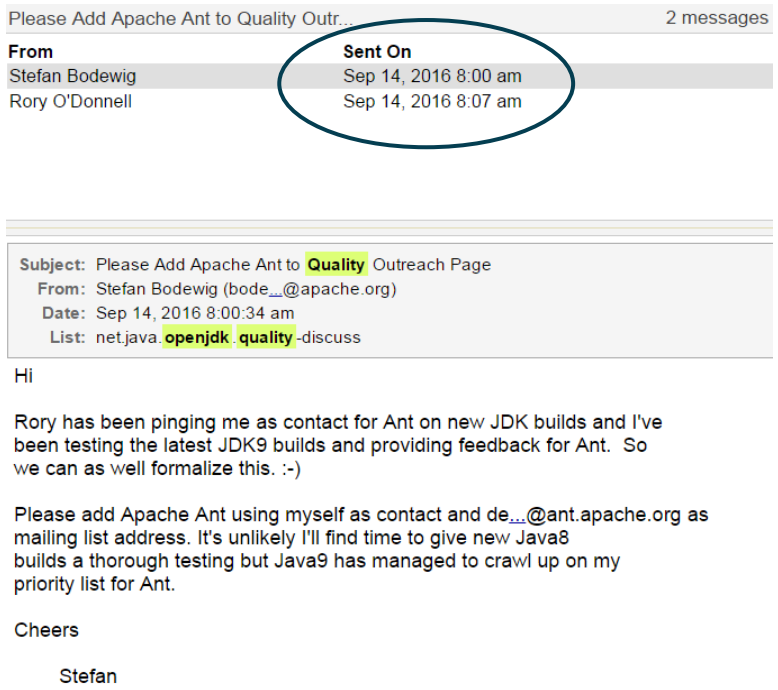
# OpenJDK Quality Outreach Update

## Easy To Join

- Send an e-mail to quality-discuss@openjdk.java.net
- Someone will get back to you with details ...
  - Soon!



Please Add Apache Ant to Quality Outr... 2 messages

| From | Sent On |
| --- | --- |
| Stefan Bodewig | Sep 14, 2016 8:00 am |
| Rory O'Donnell | Sep 14, 2016 8:07 am |

Subject: Please Add Apache Ant to Quality Outreach Page
From: Stefan Bodewig (bode...@apache.org)
Date: Sep 14, 2016 8:00:34 am
List: net.java.openjdk.quality-discuss

Hi

Rory has been pinging me as contact for Ant on new JDK builds and I've been testing the latest JDK9 builds and providing feedback for Ant. So we can as well formalize this. :-)

Please add Apache Ant using myself as contact and de...@ant.apache.org as mailing list address. It's unlikely I'll find time to give new Java8 builds a thorough testing but Java9 has managed to crawl up on my priority list for Ant.

Cheers

Stefan

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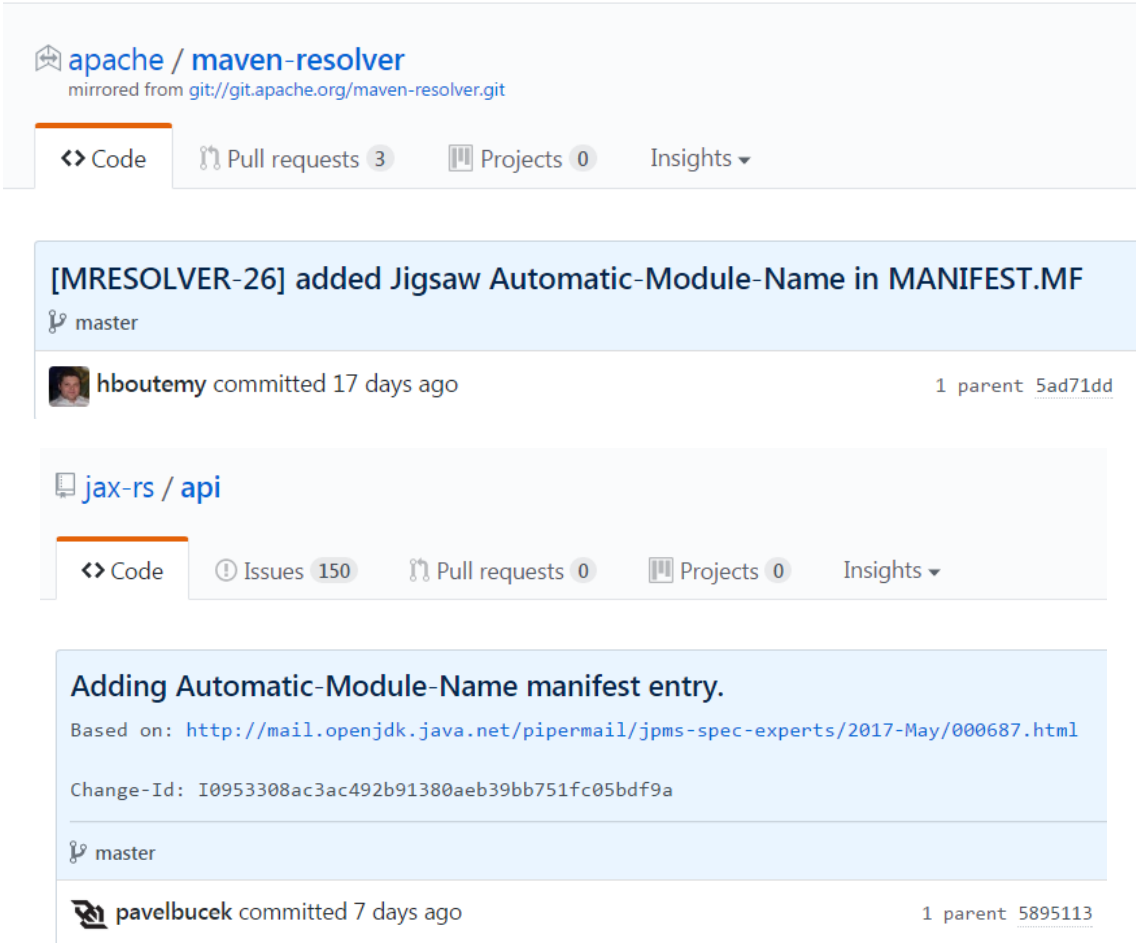
# OpenJDK Quality Outreach Update



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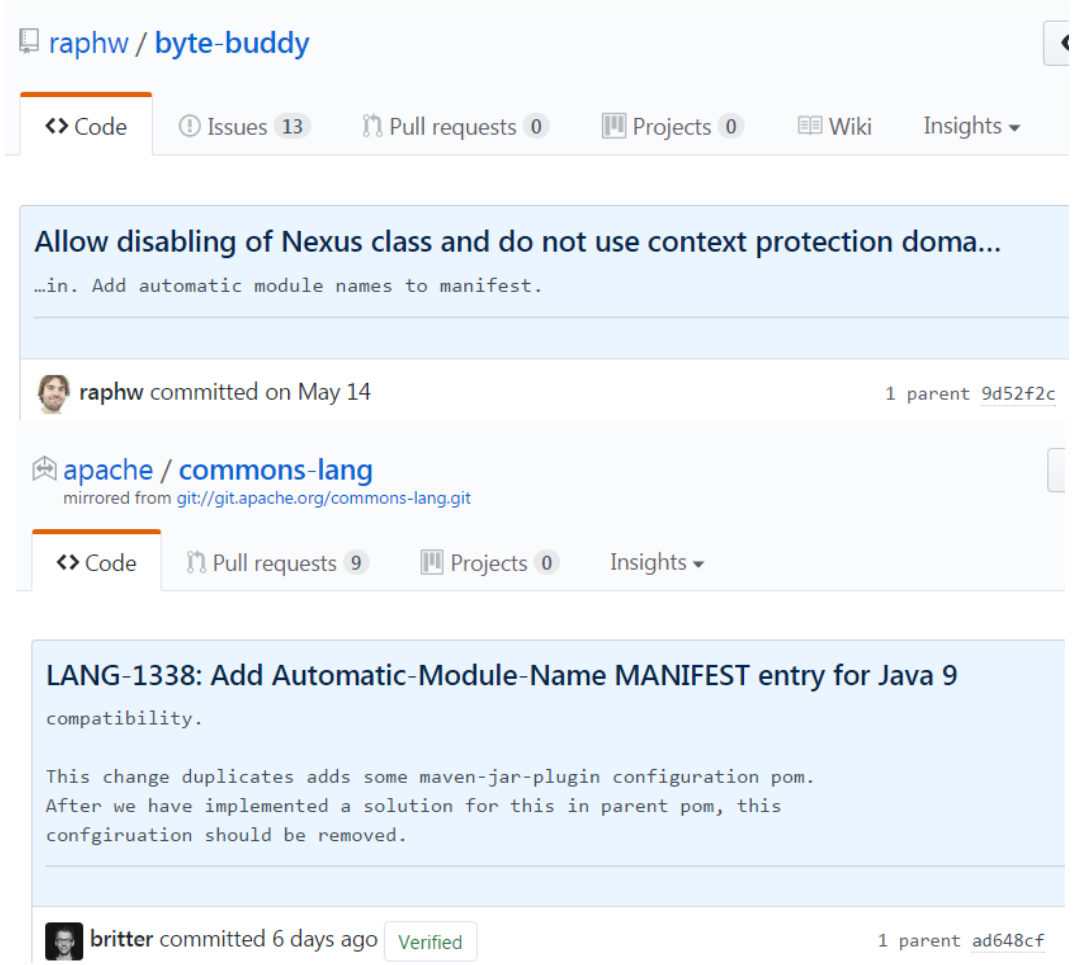
# OpenJDK Quality Outreach Update



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# OpenJDK Quality Outreach Update

**Robert Scholte**
@rfscholte

Follow

Replying to @wolflook @jaxcon @java

All Maven 3.0+ run fine on Java 9. If there are issues, they're always plugin related. In such case try the latest plugin version.

RETWEETS 22 LIKES 36

6:25 AM - 10 May 2017

SLF4J / SLF4J-372 plan for JDK 9/jigsaw / SLF4J-402

Jigsaw module declarations

**Details**

| | | | |
|---|---|---|---|
| Type: | Sub-task | Status: | RESOLVED |
| Priority: | Major | Resolution: | Fixed |
| Affects Version/s: | None | Fix Version/s: | 1.8.0-alpha0 |
| Component/s: | None | | |
| Labels: | None | | |

**Andrew Harmel-Law** @al94781 · May 11
Yo @rus_hart does @gradle support #java9 yet? #askingforafriend

1 1

**Rus Hart** @rus_hart · May 11
Short answer is no. It's planned to be fully supported in 4.1
github.com/gradle/gradle/…. Which is scheduled for June

**gradle/gradle**
Adaptable, fast automation for all. Contribute to gradle development by creating an account on GitHub.
github.com

2

**Eric Wendelin**
@eriwen

Follow

Replying to @rus_hart @al94781 @gradle

To clarify: Tentative Java 9 _runtime_ support in 4.1 in _July_. Full Jigsaw support after.

LIKE 1

9:05 AM - 11 May 2017

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# OpenJDK Quality Outreach Update

## Spring Framework 5.0 goes RC1

RELEASES JUERGEN HOELLER MAY 08, 2017 11 COMMENTS

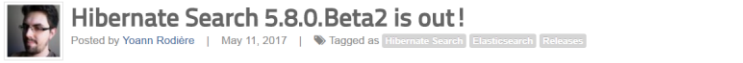
Dear Spring community,

It is my pleasure to announce that a feature-complete Spring Framework 5.0 release candidate is available now! We are expecting a further release candidate at the end of May and a final release in late June at this point.

As a major revision of the core framework, 5.0 RC1 comes with a Java 8+ baseline and many infrastructure refinements: e.g. our own Commons Logging bridge autodetecting Log4j 2, SLF4J, JUL by default; streamlined use of Servlet 3.1+; and early support for JUnit 5.0 M4.

Once again, here are the major Spring Framework 5 feature themes:

- **Reactive programming:** introducing our Spring WebFlux framework built on Reactor 3.1, with support for RxJava 1.3 & 2.1 and running on Tomcat, Jetty, Netty or Undertow.
- **Functional style with Java 8 & Kotlin:** several API refinements and Kotlin extensions across the framework, in particular for bean registration and functional web endpoints.
- **Integration with Java EE 8 APIs:** support for Servlet 4.0, Bean Validation 2.0, JPA 2.2, as well as the JSON Binding API (as an alternative to Jackson/Gson in Spring MVC).
- **Ready for JDK 9:** fully aligned with JDK 9 at runtime, on the classpath as well as the module path (on the latter: as filename-based “automatic modules” for the time being).



## Hibernate Search 5.8.0.Beta2 is out!

Posted by Yoann Rodière | May 11, 2017 | Tagged as Hibernate Search Elasticsearch Releases

We just published Hibernate Search version 5.8.0.Beta2, with bugfixes and improvements over 5.8.0.Beta1.

Hibernate Search 5.8.0.Beta2, just as 5.7.0.Final, is only compatible with Hibernate ORM 5.2.3 and later.
If you need to use Hibernate ORM 5.0.x or 5.1.x and cannot upgrade, please use Hibernate Search 5.6.1.Final.

### About 5.8

Hibernate Search 5.8 is about:

- making the Elasticsearch integration compatible with Elasticsearch 5.x (done);
- improving performance of the Elasticsearch integration (in progress);
- introducing a new DSL for defining analyzers (in progress);
- ensuring that Hibernate Search will work well with Java 9 (done, though Java 9 may still change);

## Apache Lucene 7 - What's coming next?

Search
Uwe Schindler
06/12/2017 -
11:50 to 12:10
Kesselhaus
short talk (20 min)
Intermediate

**Session abstract:**
At the beginning of the year 2017, the Apache Lucene team decided to focus on releasing Apache Lucene 7. Around Berlin Buzzwords, the new version will be available for testing.

This talk will present the new and changed features of Lucene 7: As TF-IDF is no longer the default, several query special cases like query normalization and the so-called "coord factor" were removed. Those were workaround for problems that are specific to TF-IDF like not strong enough term frequency saturation, but can be completely ignored with other ranking functions like BM25. The user has to be prepared that scores may differ and the absolute values of scores are meaningless, breaking applications. The problem with query normalization and coordination factors was correct query rewriting, but now many more optimizations can be done to handle optional, filtered, and mandatory query clauses: Lucene 7 will be faster if it finds duplicate clauses. The talk will also present recent Lucene 6 features like graph token streams and how they are used in Lucene 7.

This talk will also present the many new features in Apache Solr 7: It also allows the new Point data types that were introduced in Apache Lucene 6. In addition numeric DocValues can now be updated on the fly. This allows to change ranking factors without the requirement to reindex the whole document.

The talk will also present future plans to support the Java 9 module system and the current state of Java 9 support inside Apache Lucene, because it is expected that Lucene/Solr and Elasticsearch users will one of the first communities that will migrate to Java 9, because recent hotspot optimizations will execute queries and allow doc values access with much higher performance.

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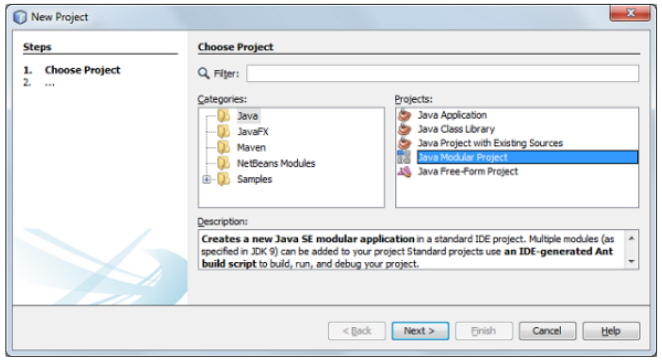
# OpenJDK Quality Outreach Update

NETBEANS | Friday, March 24, 2017

## New: JDK 9 Jigsaw Modular Projects in NetBeans IDE

By: Geertjan Wielenga | Product Manager

The NetBeans IDE 9 development builds now enable you to create Java Modular Projects, i.e., Jigsaw projects that can contain multiple Jigsaw modules, which can be compiled together as a unit:



## Java 9 Support (BETA) for Oxygen Eclipse Project

☆ 11 ◯ 26

Install

Details | Metrics | Errors | External Install Button

Java™ 9 support has not yet landed in our standard download packages. But you can add an early access preview to your existing Eclipse Oxygen (4.7) install. The Eclipse Java™ 9 Support (BETA) contains the following:

- ability to add JRE and JDK 9 as installed JRE
- support for JavaSE-9 execution environment
- ability to create Java and Plug-in projects that use a JRE or JDK 9
- ability to compile modules that are part of a Java project

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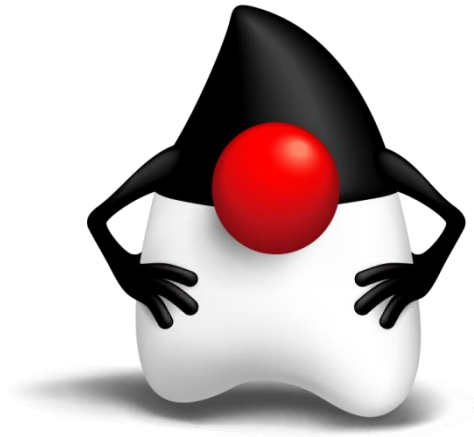
# Where do we go next?

- Get more JCP EC Members to participate in OpenJDK Quality Outreach
  - Bring your own open source project!
- Get more OpenJDK builders to publish regular jtreg test results
- More ideas welcome at adoption-discuss@openjdk.java.net!



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## Applications & Platform Services

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