Quality Outreach

Introduction

The Quality Group is promoting the testing of Free Open Source Software (FOSS) projects with OpenJDK builds, whether their own, or from someone else. We want to acknowledge projects who are actively testing, providing feedback and list any issues they have found during their testing. This is a great way to improve the quality of the various releases, adding new projects to the list is highly desirable.

How to join the Quality Outreach Program

If you would like to have your Project added to the list below please send an email to mailing lists quality-discuss including:

- Project name
- Project Contact
- Actively Tested on: JDK version
- Previously tested on and actively using features from JDK version

If you haven’t already subscribed to these lists then please do so first, otherwise your message will be discarded.

Status indicators

- Indicates we have active testing, feedback & bug reporting on some or all JDKs
- Indicates we have intermittent communication on some or all JDKs
- Indicates will start testing in the near future

<table>
<thead>
<tr>
<th>FOSS</th>
<th>Contact</th>
<th>OpenJDK 11.0.6</th>
<th>OpenJDK 17 GA</th>
<th>OpenJDK 20 GA</th>
<th>OpenJDK 21 GA</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Akka, Lightbend</td>
<td>Patrik Nordwall</td>
<td>✨</td>
<td>✨</td>
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<td></td>
<td>Ran our Ant testsuite against JDK 16.0.1 (build 16.0.1+9-24)[1] and JDK 17-ea (build 17-ea+21-1866)[2]. No issues observed.</td>
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<td>Angel-ML</td>
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<tr>
<td>Apache Ant</td>
<td>Stefan Bodewig &amp; Jaikiran Pai</td>
<td>✨</td>
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<td>Apache Aries CDI</td>
<td>Raymond Auge</td>
<td>✨</td>
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<td><a href="https://github.com/apache/aries-cdi/actions/runs/125540570">https://github.com/apache/aries-cdi/actions/runs/125540570</a></td>
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<td>3.4.0 is a LTS release that supports both JDK8 and JDK 11</td>
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<td>#WorksLikeHeavenOnJDK11</td>
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<td>Akira Ajisaka</td>
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<td>• Apache Hadoop 3.x now supports only Java 8</td>
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<td>• Apache Hadoop from 2.7.x to 2.x support Java 7 and 8</td>
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<td>• Java 11 support is now in progress:</td>
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<td>trunk (3.3.0-SNAPSHOT) supports Java 11 as runtime</td>
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<td>Misagh Moayyed</td>
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<td>Approval Tests: Java</td>
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<td>AssertJ</td>
<td>Joel Costigliola, Stefano Cordio</td>
<td>★</td>
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<td>BlueJ</td>
<td>Michael Kölling</td>
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<td>BNY Mellon Spring Training</td>
<td>Chandra Guntur</td>
<td>★</td>
<td>★</td>
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<td>BNY Mellon Code Katas</td>
<td>Emilie Robichaud, Aqsa Malik</td>
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<td>BootstrapFX</td>
<td>Andres Almiray</td>
<td>★</td>
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<td>Burningwave</td>
<td>Roberto Gentili, Alessio Perrotta</td>
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Building on Java 17 fails since Java 1.6 target is no longer supported
Formerly known as Apache Isis
Johnzon runs well until Java 17, including with records
Tests pass on JDK 18 EA build 23!
#WorksFineOnJDK9
#WorksLikeHeavenOnJDK11
#WorksLikeHeavenOnJDK11
#WorksLikeHeavenOnJDK11
#WorksLikeHeavenOnJDK11
#WorksLikeHeavenOnJDK11
#WorksLikeHeavenOnJDK11
JDK 17 EA testing here
#WorksLikeHeavenOnJDK11
Apereo CAS v6.4 runs with no issues on JDK 16 GA.
Apereo CAS has no issues building against JDK 17-ea+35.
https://approvaltests.com/
We test with JDK 8, 11, current GA and early access builds but do not make use of any APIs greater than JDK8 for compatibility reasons.
Cl Links - Link
https://bnd.bndtools.org/
Repo: https://github.com/BNYMellon/spring-kata
Build: https://github.com/BNYMellon/spring-kata/actions
Repo: https://github.com/BNYMellon/CodeKatas
BNY Mellon Code Katas project is passing on JDK 18 EA build 23
#WorksLikeHeavenOnJDK11
all tests are green
<table>
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<th>OSS</th>
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<td>bt</td>
<td>Andrei Tomashpolskiy</td>
<td>✨</td>
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<td>Rafael Winterhalter</td>
<td>✨</td>
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<td>#WorksLikeHeavenOnJDK11, Update ASM and add support for Java 17.</td>
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<td>Support only for latest GA release, testing with EA releases.</td>
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<td>NB: Cassandra 3 and Spanner connector not passing for JDK 20 due to issues caused by their dependencies</td>
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<td>No issues on JDK11, JDK 12, JDK 13, JDK 14. FXGL tests are also green on JDK 15 and JDK 16 b35</td>
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<td>Fxyz works fine with JDK 15 and latest 16-ea+24.</td>
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### FOSS Contact | OpenJDK 11.0.6 | OpenJDK 17 GA | OpenJDK 20 EA | OpenJDK 21 GA | Comments
--- | --- | --- | --- | --- | ---
JavaLite | Igor Polevoy | ✨ ✨ | | |
Java Native Access JNA | Matthias Bläsing | ✨ ✨ | | |
JBoss-Forge | Ivan St Ivanov | ✨ ✨ | | |
JBoss Tools | Josef Kopriva | ✨ ✨ | | |
Jenkins | Kohsuke Kawaguchi | ✨ ✨ | | | We plan to test JDK versions towards the next LTS release
JFreeChart | David Gilbert | ✨ ✨ | | | JFreeChart 1.6.0-SNAPSHOT. 2,182 & Orson Charts 2.0 ·
JFreeSVG | David Gilbert | ✨ ✨ | | | We support JDK 15
JFreePDF | David Gilbert | ✨ ✨ | | |
JHipster | Matt Rabie | ✨ ✨ | | |
JITWatch | Chris Newland | ✨ ✨ | | |
JLine | Guillaume Nodet | ✨ ✨ | | |
JM3ro | Pedro Duque Vieira | ✨ ✨ | | | JM3ro runs fine on Java16.
JobRunr | Ronald Dehuysse | ✨ ✨ | | | JobRunr is still running smoothly on JDK 16 GA
JG3L/JogAmp | Sven Goethel | ✨ ✨ | | |
Jooby | Edgar Espina | ✨ ✨ | | |
JOOQ | Lukas Eder | ✨ ✨ | | | JOOQ 3.18 supports JDK 19
jqwik | Johannes Link | ✨ ✨ | | | jqwik: Running fine on Java 8.0.302+8, Java 11.0.12+7, Java 16.0.2+7,Java 17.0.0+35.
JReleaser | Andres Almiray | ✨ ✨ | | | JReleaser cli and maven plugins work like a charm with JDK 6 up to JDK 17.
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