Red Hat CodeReady Studio 12.18

Supported Configurations and Components

Supported configurations and components for Red Hat CodeReady Studio

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Abstract

This document contains information about supported configurations for Red Hat CodeReady Studio and details about components included in each release.
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Red Hat is committed to replacing problematic language in our code, documentation, and web properties. We are beginning with these four terms: master, slave, blacklist, and whitelist. Because of the enormity of this endeavor, these changes will be implemented gradually over several upcoming releases. For more details, see our CTO Chris Wright’s message.
CHAPTER 1. SUPPORTED CONFIGURATIONS AND COMPONENTS

Every Red Hat CodeReady Studio release is tested and supported on a variety of market-leading operating systems, Java Virtual Machines (JVMs), and Red Hat JBoss Enterprise Application Platform servers and technologies.

This guide details the information about supported configurations and components for the CodeReady Studio 12.18 release.

For information related to earlier releases of CodeReady Studio, see the respective Supported Configurations and Components guides at access.redhat.com.

1.1. CODEREADY STUDIO COMPONENTS

The CodeReady Studio 12.18 release comprises the component versions of Eclipse and JBoss Tools as listed in the following table.

<table>
<thead>
<tr>
<th>CodeReady Studio</th>
<th>12.18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eclipse</td>
<td>2020-09 GA</td>
</tr>
<tr>
<td>JBoss Tools</td>
<td>4.18.0</td>
</tr>
</tbody>
</table>

1.2. SUPPORTED PLATFORMS AND RUNTIME SERVERS

CodeReady Studio 12.18 supports the following versions of Red Hat JBoss Enterprise Application Platform:

- 7.x, 6.x

**NOTE**

Products built on these versions of JBoss EAP are also supported, such as Red Hat JBoss Fuse Service Works and Red Hat JBoss Portal (formerly JBoss Enterprise SOA Platform and JBoss Enterprise Portal Platform, respectively). Note that 6.x servers are no longer tested.

1.3. SUPPORTED FRAMEWORKS

The frameworks that are supported by the CodeReady Studio 12.18 release are listed in the following table.

<table>
<thead>
<tr>
<th>Java EE[a]</th>
<th>5, 6, 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hibernate</td>
<td>3.5, 3.6, 4.0, 4.3, 5.0, 5.1, 5.2, 5.3, 5.4, 6.0</td>
</tr>
<tr>
<td>Richfaces</td>
<td>3.3.x, 4.0.x</td>
</tr>
<tr>
<td>jQuery Mobile</td>
<td>1.3, 1.4</td>
</tr>
</tbody>
</table>
AngularJS + Ionic

AngularJS 1.4.14
Ionic 1.0

[a] Supported derivatives of Java EE are CDI, JavaServer Faces (JSF), JAX-RS and JAX-WS.

1.4. SUPPORTED OPERATING SYSTEMS AND JAVA DEVELOPMENT KITS

The operating systems, chip architectures, and Java Development Kits that are supported by the CodeReady Studio 12.18 release are listed in the following table:

<table>
<thead>
<tr>
<th>Operating System</th>
<th>Chip Architecture</th>
<th>Java Development Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red Hat Enterprise Linux 7,</td>
<td>x86_64</td>
<td>OpenJDK 11</td>
</tr>
<tr>
<td>Red Hat Enterprise Linux 8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Microsoft Windows 8, and</td>
<td>x86_64</td>
<td>OpenJDK 11, Oracle JDK 11</td>
</tr>
<tr>
<td>Microsoft Windows 10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>macOS Catalina (10.15) and</td>
<td>x86_64</td>
<td>Oracle JDK 11</td>
</tr>
<tr>
<td>macOS Big Sur (11.0)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fedora 32 and Fedora 33</td>
<td>x86_64</td>
<td>OpenJDK 11, Oracle JDK 11</td>
</tr>
<tr>
<td>Ubuntu 20.04 LTS and Ubuntu 20.10</td>
<td>x86_64</td>
<td>OpenJDK 11, Oracle JDK 11</td>
</tr>
</tbody>
</table>

IMPORTANT

Eclipse 2020-09 GA supports running CodeReady Studio 12.18 with Java Development Kit 11 only. Older versions are supported for application development and deployment.

NOTE

There are known issues when running CodeReady Studio with Java Development Kit 11. For more information, see JBDS-4751.

1.4.1. Additional resources

- For more information about Eclipse system requirements, see the Eclipse Simultaneous Release Plan.