



Red Hat CodeReady Studio 12.16

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.

Table of Contents

CHAPTER 1. SUPPORTED CONFIGURATIONS AND COMPONENTS	3
1.1. CODEREADY STUDIO COMPONENTS	3
1.2. SUPPORTED PLATFORMS AND RUNTIME SERVERS	3
1.3. SUPPORTED FRAMEWORKS	3
1.4. SUPPORTED OPERATING SYSTEMS AND JAVA DEVELOPMENT KITS	4

CHAPTER 1. SUPPORTED CONFIGURATIONS AND COMPONENTS

Every Red Hat CodeReady Studio 12.16 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. Information about support for the CodeReady Studio 12.16 release is detailed here.

For details related to earlier releases of CodeReady Studio, see the **Supported Configurations and Components** document for the specific release at access.redhat.com.

1.1. CODEREADY STUDIO COMPONENTS

The CodeReady Studio 12.16 release comprises of the component versions of Eclipse and JBoss Tools as listed in the following table.

CodeReady Studio	12.16
Eclipse	2020-06 GA
JBoss Tools	4.16.0

1.2. SUPPORTED PLATFORMS AND RUNTIME SERVERS

CodeReady Studio 12.16 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 12.16 release are as listed in the following table.

Java EE ^[a]	5, 6, 7
Hibernate	3.5, 3.6, 4.0, 4.3, 5.0, 5.1, 5.2, 5.3, 5.4
Richfaces	3.3.x, 4.0.x
jQuery Mobile	1.3, 1.4

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



NOTE

As CodeReady Studio is based on Eclipse, the system requirements of Eclipse also apply to CodeReady Studio. For more information about Eclipse system requirements, see [Eclipse Simultaneous Release Plan](#).

The operating systems, chip architectures, and Java Development Kits that are supported by the CodeReady Studio 12.16 release are as listed in the following table.

Operating System	Chip Architecture	Java Development Kit
Red Hat Enterprise Linux 7, Red Hat Enterprise Linux 8	x86_64	OpenJDK 1.7 ^[a] , OpenJDK 1.8, OpenJDK 11 ^[b] , Oracle JDK 1.7 ^[a] , Oracle JDK 1.8, Oracle JDK 11 ^[b]
Microsoft Windows 8, and Microsoft Windows 10	x86_64	OpenJDK 1.8, OpenJDK 11 ^[b] , Oracle JDK 1.6 ^[a] , Oracle JDK 1.7 ^[a] , Oracle JDK 1.8, Oracle JDK 11 ^[b]
macOS Catalina (10.15) and macOS Mojave (10.14)	x86_64	Apple JDK 1.6 ^[a] , Oracle JDK 1.7 ^[a] , Oracle JDK 1.8, Oracle JDK 11 ^[b]
Fedora 31 and Fedora 32	x86_64	OpenJDK 1.7 ^[a] , OpenJDK 1.8, OpenJDK 11 ^[b] , Oracle JDK 1.6 ^[a] , Oracle JDK 1.7 ^[a] , Oracle JDK 1.8, Oracle JDK 11 ^[b]
Ubuntu 20.04 LTS and Ubuntu 19.10	x86_64	OpenJDK 1.6 ^[a] , OpenJDK 1.7 ^[a] , OpenJDK 1.8, OpenJDK 11 ^[b] , Oracle JDK 1.6 ^[a] , Oracle JDK 1.7 ^[a] , Oracle JDK 1.8, Oracle JDK 11 ^[b]

Operating System	Chip Architecture	Java Development Kit
[a] Java Development Kits 1.6, 1.7, and 9 are not supported for running CodeReady Studio; they are supported for application development and deployment only.		
[b] There are known issues when running CodeReady Studio with Java Development Kit 11. For more information, see JBDS-4751 .		