



Red Hat CodeReady Studio 12.18

Supported Configurations and Components

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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

MAKING OPEN SOURCE MORE INCLUSIVE	3
CHAPTER 1. SUPPORTED CONFIGURATIONS AND COMPONENTS	4
1.1. CODEREADY STUDIO COMPONENTS	4
1.2. SUPPORTED PLATFORMS AND RUNTIME SERVERS	4
1.3. SUPPORTED FRAMEWORKS	4
1.4. SUPPORTED OPERATING SYSTEMS AND JAVA DEVELOPMENT KITS	5
1.4.1. Additional resources	5

MAKING OPEN SOURCE MORE INCLUSIVE

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.

CodeReady Studio	12.18
Eclipse	2020-09 GA
JBoss Tools	4.18.0

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.

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, 6.0
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

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:

Operating System	Chip Architecture	Java Development Kit
Red Hat Enterprise Linux 7, Red Hat Enterprise Linux 8	x86_64	OpenJDK 11
Microsoft Windows 8, and Microsoft Windows 10	x86_64	OpenJDK 11, Oracle JDK 11
macOS Catalina (10.15) and macOS Big Sur (11.0)	x86_64	Oracle JDK 11
Fedora 32 and Fedora 33	x86_64	OpenJDK 11, Oracle JDK 11
Ubuntu 20.04 LTS and Ubuntu 20.10	x86_64	OpenJDK 11, Oracle JDK11



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](#).