



Red Hat Developer Studio 12.0

Supported Configurations and Components

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Supriya Takkhi
sbharadw@redhat.com

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Abstract

This document contains information about supported configurations for Red Hat Developer Studio and details about components included in each release.

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PREFACE

Every Red Hat Developer Studio 12.0 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 Developer Studio 12.0 release is detailed here.

For details related to earlier releases of Developer Studio, see the **Supported Configurations and Components** document for the specific release at <https://access.redhat.com/documentation/en/red-hat-developer-studio/>.

CHAPTER 1. DEVELOPER STUDIO COMPONENTS

The Developer Studio 12.0 release comprises of the component versions of Eclipse and JBoss Tools as listed in the following table.

| | |
|------------------|----------------|
| Developer Studio | 12.0 |
| Eclipse | Photon (4.8.0) |
| JBoss Tools | 4.6.0 |

CHAPTER 2. SUPPORTED PLATFORMS AND RUNTIME SERVERS

Developer Studio 12.0 supports the following versions of Red Hat JBoss Enterprise Application Platform:

- 7.x, 6.x, 5.2, 4.3



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).

CHAPTER 3. SUPPORTED FRAMEWORKS

The frameworks that are supported by the Developer Studio 12.0 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 |
| 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. | |

CHAPTER 4. SUPPORTED OPERATING SYSTEMS AND JAVA DEVELOPMENT KITS



NOTE

As Developer Studio is based on Eclipse, the system requirements of Eclipse also apply to Developer Studio. For more information about Eclipse system requirements, see Eclipse Photon (4.8.0), https://wikitest.eclipse.org/Photon/Simultaneous_Release_Plan#Milestones_and_Release_C

The operating systems, chip architectures, and Java Development Kits that are supported by the Developer Studio 12.0 release are as listed in the following table.

| Operating System | Chip Architecture | Java Development Kit |
|--|-------------------|---|
| Red Hat Enterprise Linux 7 | x86_64 | OpenJDK 1.7 ^[a] , OpenJDK 1.8, OpenJDK 9 ^[a] , Oracle JDK 1.7 ^[a] , Oracle JDK 1.8, Oracle JDK 9 ^[a] |
| Microsoft Windows 7, Microsoft Windows 8, and Microsoft Windows 10 | x86, x86_64 | OpenJDK 1.8 ^[b] , OpenJDK 9 ^[b] , Oracle JDK 1.6 ^[a] , Oracle JDK 1.7 ^[a] , Oracle JDK 1.8, Oracle JDK 9 ^[a] |
| macOS Sierra (10.12) and macOS High Sierra (10.13) | x86_64 | Apple JDK 1.6 ^[a] , Oracle JDK 1.7 ^[a] , Oracle JDK 1.8, Oracle JDK 9 ^[a] |
| Fedora 27 and 28 | x86, x86_64 | OpenJDK 1.7 ^[a] , OpenJDK 1.8, OpenJDK 9 ^[a] , Oracle JDK 1.6 ^[a] , Oracle JDK 1.7 ^[a] , Oracle JDK 1.8, Oracle JDK 9 ^[a] |
| Ubuntu 17.10 and 18.04 LTS | x86, x86_64 | OpenJDK 1.6 ^[a] , OpenJDK 1.7 ^[a] , OpenJDK 1.8, OpenJDK 9 ^[a] , Oracle JDK 1.6 ^[a] , Oracle JDK 1.7 ^[a] , Oracle JDK 1.8, Oracle JDK 9 ^[a] |

[a] Java Development Kits 1.6, 1.7, and 9 are not supported for running Developer Studio; they are supported for application development and deployment only.

[b] OpenJDK 1.8 and 9 for Microsoft Windows is 64-bit only.

