Red Hat JBoss Developer Studio 11.0

Components and Supported Configurations

Supported Configurations and Components for Red Hat JBoss Developer Studio

Last Updated: 2017-10-04

Red Hat JBoss Developer Studio 11.0 Components and Supported Configurations

Supported Configurations and Components for Red Hat JBoss Developer Studio

Misha Husnain Ali
mhusnain@redhat.com

Supriya Takkhi
sbharadw@redhat.com

Legal Notice

Copyright © 2017 Red Hat, Inc.

The text of and illustrations in this document are licensed by Red Hat under a Creative Commons Attribution–Share Alike 3.0 Unported license ("CC-BY-SA"). An explanation of CC-BY-SA is available at
http://creativecommons.org/licenses/by-sa/3.0/
. In accordance with CC-BY-SA, if you distribute this document or an adaptation of it, you must provide the URL for the original version.

Red Hat, as the licensor of this document, waives the right to enforce, and agrees not to assert, Section 4d of CC-BY-SA to the fullest extent permitted by applicable law.

Red Hat, Red Hat Enterprise Linux, the Shadowman logo, JBoss, OpenShift, Fedora, the Infinity logo, and RHCE are trademarks of Red Hat, Inc., registered in the United States and other countries.

Linux ® is the registered trademark of Linus Torvalds in the United States and other countries.

Java ® is a registered trademark of Oracle and/or its affiliates.

XFS ® is a trademark of Silicon Graphics International Corp. or its subsidiaries in the United States and/or other countries.

MySQL ® is a registered trademark of MySQL AB in the United States, the European Union and other countries.

Node.js ® is an official trademark of Joyent. Red Hat Software Collections is not formally related to or endorsed by the official Joyent Node.js open source or commercial project.

The OpenStack ® Word Mark and OpenStack logo are either registered trademarks/service marks or trademarks/service marks of the OpenStack Foundation, in the United States and other countries and are used with the OpenStack Foundation's permission. We are not affiliated with, endorsed or sponsored by the OpenStack Foundation, or the OpenStack community.

All other trademarks are the property of their respective owners.

Abstract

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

Table of Contents

PREFACE 3

CHAPTER 1. JBOSS DEVELOPER STUDIO COMPONENTS 4

CHAPTER 2. SUPPORTED PLATFORMS AND RUNTIME SERVERS 5

CHAPTER 3. SUPPORTED FRAMEWORKS 6
3.1. JBOSS DEVELOPER STUDIO 11.0 6
3.2. JBOSS DEVELOPER STUDIO 10.X 6

CHAPTER 4. SUPPORTED OPERATING SYSTEMS AND JAVA DEVELOPMENT KITS 7
4.1. JBOSS DEVELOPER STUDIO 11.0 7
4.2. JBOSS DEVELOPER STUDIO 10.4 8

PREFACE

Every Red Hat JBoss Developer 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. Information about support for the JBoss Developer Studio 11.0 release is detailed here.

CHAPTER 1. JBOSS DEVELOPER STUDIO COMPONENTS

JBoss Developer Studio releases comprise the component versions of Eclipse and JBoss Tools as listed here.

JBoss Developer Studio	Eclipse	JBoss Tools
11	Oxygen (4.7)	4.5.0
10	Neon (4.6)	4.4.x

CHAPTER 2. SUPPORTED PLATFORMS AND RUNTIME SERVERS

Versions of Red Hat JBoss Enterprise Application Platform supported by individual JBoss Developer Studio releases and included in the combined JBoss Developer Studio and JBoss EAP installer (available on the Customer Portal) are listed here.

JBoss Developer Studio	JBoss EAP Supported[a]
11.0	7.x, 6.x, 5.2, 4.3
10.0, 10.1, 10.2, 10.3, 10.4	7.x, 6.x, 5.2, 4.3

[a] 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 individual JBoss Developer Studio releases are listed here.

3.1. JBOSS DEVELOPER STUDIO 11.0

Java EE[a]	Hibernate	Seam	Richfaces	Apache Cordova	jQuery Mobile	AngularJS + Ionic
5 6 7	3.5 3.6 4.0 4.3 5.0 5.1 5.2	-	3.3.x, 4.0.x	For iOS: 3.5.0 ~ 4.4.0 For Cordova- Android: 3.5.0 ~ 6.2.3	1.3, 1.4	AngularJS 1.4.14 Ionic 1.0

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

3.2. JBOSS DEVELOPER STUDIO 10.X

Java EE[a]	Hibernate	Seam	Richfaces	Apache Cordova	jQuery Mobile	AngularJS + Ionic
5 6 7	3.5 3.6 4.0 4.3 5.0 5.1 5.2	-	3.3.x, 4.0.x	For iOS: 3.5.0 ~ 4.4.0 For Cordova- Android: 3.5.0 ~ 6.2.3	1.3, 1.4	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

The operating systems, chip architectures, and Java Development Kits that are supported by individual JBoss Developer Studio releases are listed here.

- Section 4.1, “JBoss Developer Studio 11.0”
- Section 4.2, “JBoss Developer Studio 10.4”

Note for all releases of JBoss Developer Studio

- As JBoss Developer Studio is based on Eclipse, the system requirements of Eclipse also apply to JBoss Developer Studio. For more information about Eclipse system requirements:
  - For JBoss Developer Studio 11.0, see Eclipse Oxygen (4.7), http://www.eclipse.org/eclipse/development/readme_eclipse_4.7.html.
  - For JBoss Developer Studio 10.x, see Eclipse Neon (4.6), http://www.eclipse.org/eclipse/development/readme_eclipse_4.6.html.
- The visual component of the Visual Page Editor, which depends on XULRunner, does not operate in the 64-bit version of JBoss Developer Studio on macOS and Microsoft Windows operating systems. To work around this restriction, you must install a 32-bit version of JBoss Developer Studio with a 32-bit Java Development Kit on 64-bit macOS and Microsoft Windows operating systems. This means JBoss Developer Studio can run with a 32-bit JVM but servers and other applications can still be launched with 64-bit JVMs from within JBoss Developer Studio. As of JBoss Developer Studio 8.0, the workaround is unnecessary because the HTML Preview view is used for the Visual Page Editor visual component when XULRunner is not available.

4.1. JBOSS DEVELOPER STUDIO 11.0

Operating System	Chip Architecture	Java Development Kit
Red Hat Enterprise Linux 6	x86, x86_64	OpenJDK 1.6[a], OpenJDK 1.7[a], Oracle JDK 1.6[a], Oracle JDK 1.7[a], and Oracle JDK 1.8
Red Hat Enterprise Linux 7	x86_64	OpenJDK 1.7[a], OpenJDK 1.8, Oracle JDK 1.7[a], and Oracle JDK 1.8
Microsoft Windows 7, Microsoft Windows 8, and Microsoft Windows 10	x86, x86_64	OpenJDK 8[b], Oracle JDK 1.6[a], Oracle JDK 1.7[a], and Oracle JDK 1.8
macOS El Capitan (10.11), and macOS Sierra (10.12)	x86_64	Apple JDK 1.6[a], Oracle JDK 1.7[a], and Oracle JDK 1.8

Operating System	Chip Architecture	Java Development Kit
Fedora 25 and 26	x86, x86_64	OpenJDK 1.7[a], OpenJDK 1.8, Oracle JDK 1.6[a], Oracle JDK 1.7[a], and Oracle JDK 1.8
Ubuntu 16.04.2 LTS and 17.04	x86, x86_64	OpenJDK 1.6[a], OpenJDK 1.7[a], Oracle JDK 1.6[a], Oracle JDK 1.7[a], and Oracle JDK 1.8

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

[b] OpenJDK 8 for Microsoft Windows is 64-bit only.

4.2. JBOSS DEVELOPER STUDIO 10.4

Operating System	Chip Architecture	Java Development Kit
Red Hat Enterprise Linux 6	x86, x86_64	OpenJDK 1.6[a], OpenJDK 1.7[a], Oracle JDK 1.6[a], Oracle JDK 1.7[a], and Oracle JDK 1.8
Red Hat Enterprise Linux 7	x86_64	OpenJDK 1.7[a], OpenJDK 1.8, Oracle JDK 1.7[a], and Oracle JDK 1.8
Microsoft Windows 7, Microsoft Windows 8, and Microsoft Windows 10	x86, x86_64	OpenJDK 8[b], Oracle JDK 1.6[a], Oracle JDK 1.7[a], and Oracle JDK 1.8
macOS El Capitan (10.11), and macOS Sierra (10.12)	x86_64	Apple JDK 1.6[a], Oracle JDK 1.7[a], and Oracle JDK 1.8
Fedora 24 and 25	x86, x86_64	OpenJDK 1.7[a], OpenJDK 1.8, Oracle JDK 1.6[a], Oracle JDK 1.7[a], and Oracle JDK 1.8
Ubuntu 16.04.2 LTS and 17.04	x86, x86_64	OpenJDK 1.6[a], OpenJDK 1.7[a], Oracle JDK 1.6[a], Oracle JDK 1.7[a], and Oracle JDK 1.8

Operating System	Chip Architecture	Java Development Kit

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

[b] OpenJDK 8 for Microsoft Windows is 64-bit only.