



Red Hat CodeReady Studio 12.19.1

Release Notes

Highlighted features in 12.19.1

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Abstract

The Release Notes provide a brief description of the improvements, additions that have been implemented in Red Hat CodeReady Studio 12.19.1, and document known problems in this release, as well as notable bug fixes, Technology Previews, deprecated functionality, and other details.

Table of Contents

MAKING OPEN SOURCE MORE INCLUSIVE	3
CHAPTER 1. ABOUT THIS RELEASE	4
CHAPTER 2. ENHANCEMENTS	5
CHAPTER 3. BUG FIXES	6
CHAPTER 4. DEPRECATED FUNCTIONALITY	7
CHAPTER 5. KNOWN ISSUES	8

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. ABOUT THIS RELEASE

Red Hat CodeReady Studio 12.19.1 is an update of Red Hat CodeReady Studio 12.19.

The following chapters describe improvements and additions implemented in Red Hat CodeReady Studio 12.19.1 and documents known problems in this release, as well as notable bug fixes, Technology Previews, deprecated functionality, and other details.

CodeReady Studio 12.19.1 is available from a number of sources. For more information on how to set up CodeReady Studio, see the [Installation guide](#).

For more information about operating systems, chip architectures, and Java Development Kits (JDK) supported by this release, see the [Supported Configurations and Components](#) page.

CHAPTER 2. ENHANCEMENTS

- A server adapter has been added to CodeReady Studio to work with Red Hat JBoss Wildfly 24.
- You can now create new components from component types and starter projects. ([JBIDE-27676](#))
- The Hibernate runtimes 3.5, 4.0, 5.0, 5.1, 5.2, and 5.3 are now disabled by default. To re enable them, change your settings on the Hibernate preference page. ([JBIDE-27841](#))
- CodeReady Studio now contains a runtime plugin for future Hibernate releases beginning from Hibernate version 5.5. ([JBIDE-27351](#))
- OpenShift Enhancements in CodeReady Studio:
 - OpenShift tools are now based on **odo 2.2.2**. ([JBIDE-27837](#))

CHAPTER 3. BUG FIXES

- To view information about resolved issues in this release of CodeReady Studio, see [Resolved Issues](#).

CHAPTER 4. DEPRECATED FUNCTIONALITY

With this release, there are no deprecated functionalities.

CHAPTER 5. KNOWN ISSUES

To view information about known issues in this release of CodeReady Studio, see [Known Issues](#).

The following known issues are highlighted:

- [JBDS-4710](#): Central page is not showing content properly after page reload.
To work around this issue, reopen Red Hat central.
- [JBIDE-26118](#): Unable to create JSF2 composite component from current selected source.
- [JBDS-4818](#): CRS installer not signed for MacOS.
- Target platform and installer known issues in CodeReady Studio:
 - [JBIDE-27605](#): Conflicting dependency when updating from BYOE 2020-09 + JBT 4.17.0.Final to JBT 4.18.0.Final.
To work around this issue, navigate to **Help** → **Install New Software**, select the Jbosstools stable update site and select both JAX-RS and JAX-WS features. Both features will be updated.

Alternatively, select **Preferences** → **Install/Update** → **Available Software** and disable the latest Eclipse release. As a result, Eclipse 2020.12 is installed.
- OpenShift known issues in CodeReady Studio:
 - [JBIDE-27066](#): Unable to login to OpenShift 4.4.0 cluster using JDK11.
To work around this issue, use the JDK version 8 or configure Java to use TLSv1.2 as your SSL protocol.

To configure Java to use TLSv1.2, open the file **codereadystudio.ini** located in the studio directory inside of the CodeReady Studio installation directory.

Add the following line under the -vmargs section:


```
-Djdk.tls.client.protocols=TLSv1.2
```
- Webservices known issues in CodeReady Studio:
 - [JBIDE-27743](#): Unable to create Web Service client from **wsdl** definition using Wildfly 22 and Apache CXF 3.3.5+.
To work around this issue, use Apache Axis or JBossWS instead of CXF runtime to continue your service client definition.
Alternatively, update and export the order of your source folder so that your source folder appears first. To do so, use the following path: **Dyn. Web Project** → **Properties** → **Java Build Path** → **Order**.
 - [JBIDE-27744](#): WS Tester does not allow POST request due to low size of DH key.
 - [JBIDE-27781](#): NPE occurs during deletion of Dynamic Web Project with generated **web.xml** descriptor.
 - [JBIDE-27842](#): WS Tester JAX WS invocation for local **wsdl** results in error message **Provider org.apache.axis2.jaxws.spi.Provider not found**.
- Code Ready Containers known issues in CodeReady Studio:

- [JBIDE-27741](#): CRC does not start properly and results in error message **Unable to execute request to request url https://api.crc.testing:6443/.well-known/oauth-authorization-server**.
- [JBIDE-27921](#): CRC 1.28.0 setup on Windows and MacOS does not provide **bin/oc** anymore and prevents CRC tooling to start.
To work around this issue, go to the CRC home folder and create a **bin** directory.
- [JBIDE-27927](#): CDK tooling cannot get into **Started** state even though CDK is started on Windows 10.
- Fuse Integration Project known issues in CodeReady Studio:
 - [FUSETOOLS-3337](#): Unable to deploy Fuse project with DataTransformation to Fuse on Karaf 7.x runtime.
 - [FUSETOOLS-3373](#): Fuse Integration Project created with an error for Camel version Fuse 7.2 and 7.1.
To work around this issue, add the following lines to the **jakarta.xml.bind-api** file to define the jakarta version:

```
<dependency>  
<groupId>jakarta.xml.bind</groupId>  
<artifactId>jakarta.xml.bind-api</artifactId>  
<version>2.3.3</version>  
</dependency>
```

The latest available version is 2.3.3. For further information on the latest version, see [Maven Repository: Jakarta XML Binding API](#).