

DEVS-Suite Simulator 6.1.0

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Version 1.0

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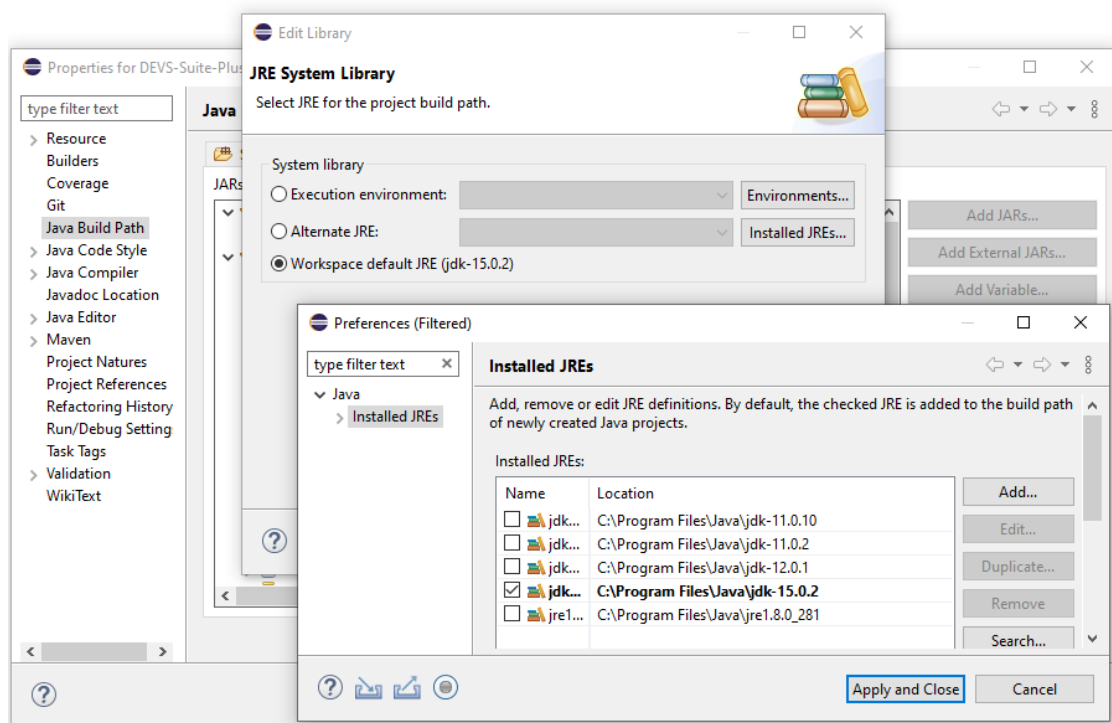
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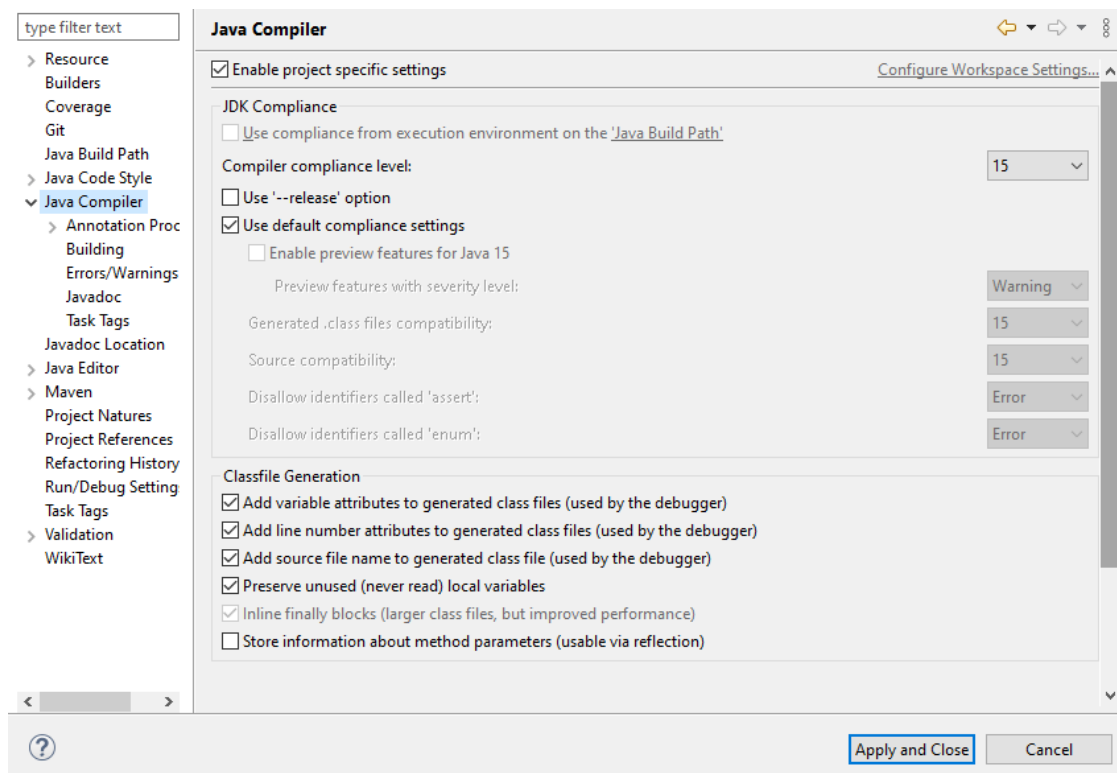
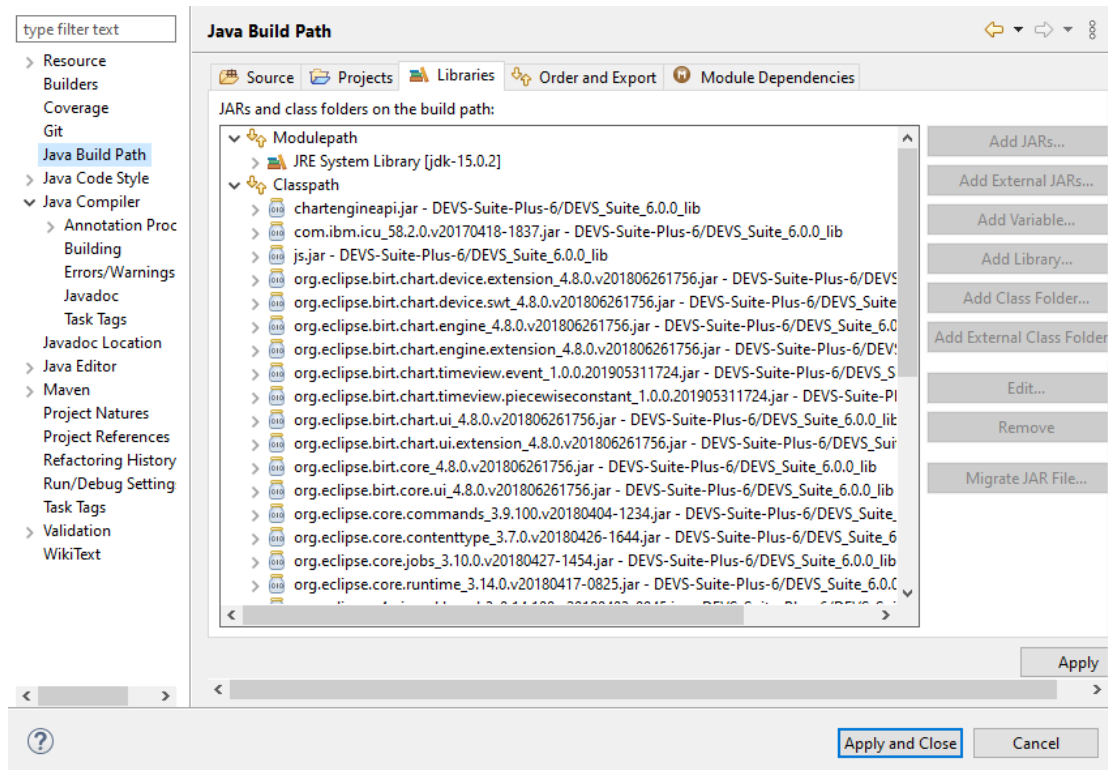
This document describes the updates to the DEVS-Suite Version 6.0.0. The changes are categorized in terms of the Guide document, the PostgreSQL Database Installation, and the source code (see <https://acims.asu.edu/software/devs-suite/>).

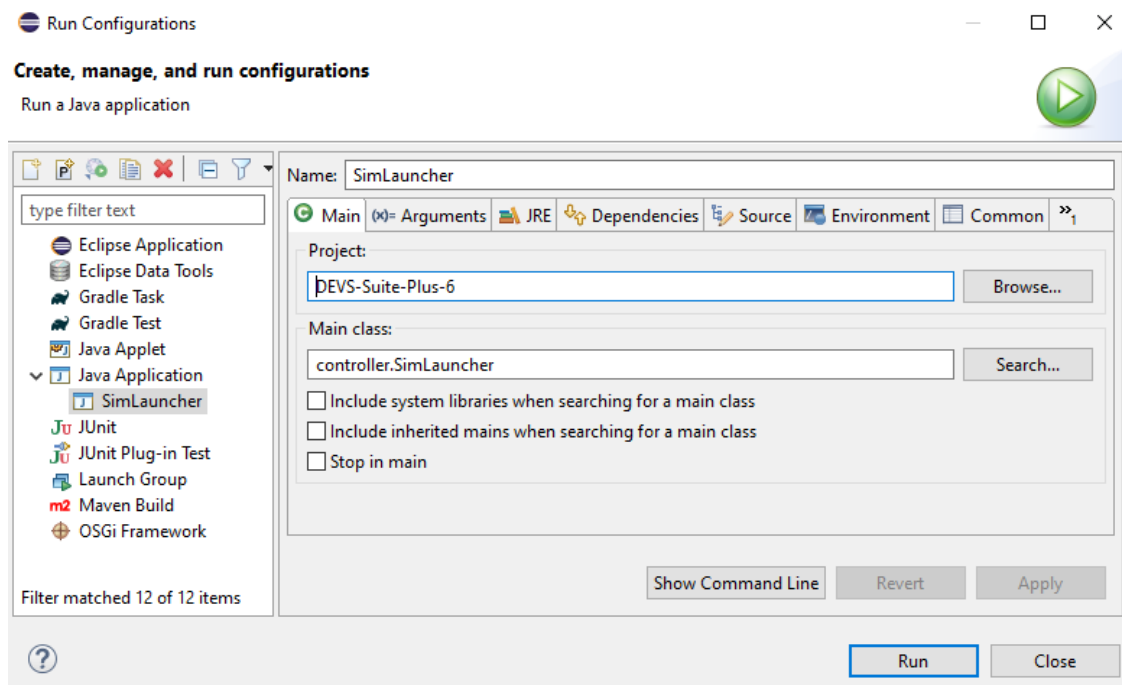
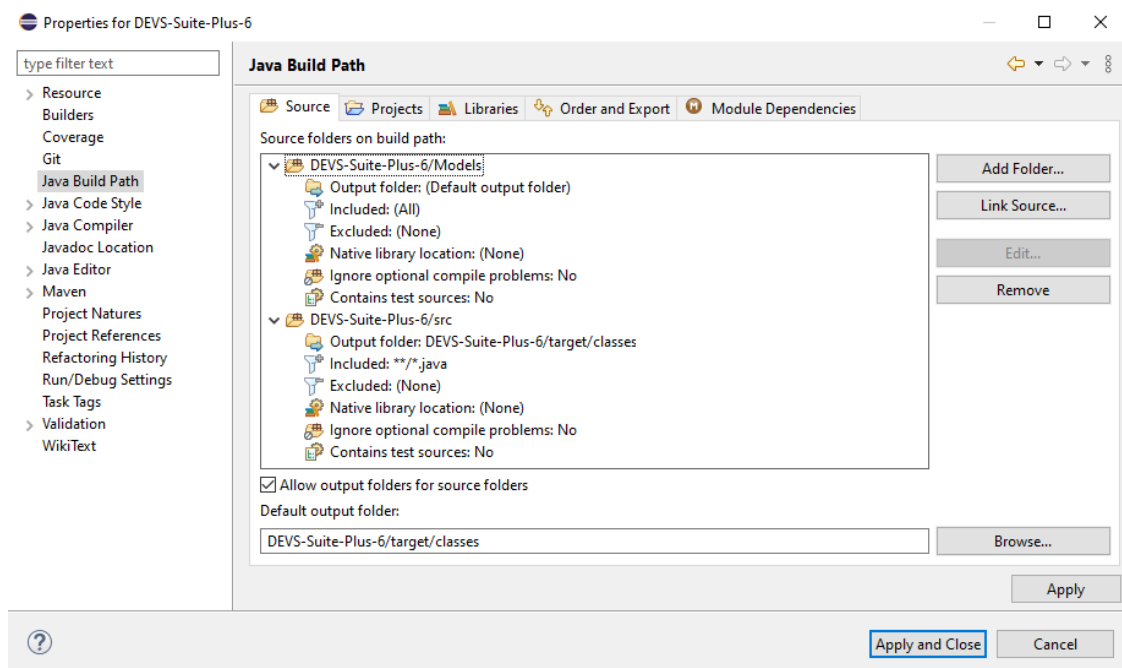
1. DEVS-Suite Simulator Guide TestFrame and Database 2020

Instructions for installing Eclipse and DEVS-Suite are available in the section of the “D. Install Eclipse, Java 11 and JavaFX 11 and DEVS-Suite” document. Below are some additional details that you may find helpful. The following screenshots show the configurations for the Eclipse. The Standard Eclipse IDE for Java Developers Version: 2020-12 (4.18.0) with Build id: 20201210-1552 is used.

JRE: The settings for the Java Build Path and Java Compiler must be consistent. Java Compiler and JRE must match.







2. PostgreSQL Database Installation

The **PostgreSQL Installation for Eclipse** section is not necessary for using the database.

3. Source code

Two updates are made to the pom.xml. They are the use of JavaFX (openjfx) 11.0.2, 15.0.1 and gson 2.8.6. The JRE 15 and earlier versions down to JRE 11 and JRE 1.8 are supported. The pom.xml is updated to support JREs 11 and 15. See README.md file included in the DEVS_Suite_6.0.0/DEVS-Suite-Mixed_win64_6.1.0.zip available at <https://acims.asu.edu/software/devs-suite/>.

4. SimView_settings

The default “Configure File System” in the “model configuration below is included with the DEVS-Suite-Plus version 6.1.0 release.

```
{ "selectedPackage": "Component.TestFixtures.Buffer", "selectedModel": "bufferFrame [Test Fixture]", "selectedInit": "All sequentiab  
le tests  
(default)", "binDirectory": "target/classes", "sourceDirectory": "Mod  
els", "packageNames": [ "CellularAutomata.Agent", "Component.BasicPro  
cessor", "Component.MultiProcessors", "Component.TestFixtures.Buffe  
r"], "databaseConfigurations": { "PostgreSQL": [ "postgres", "localhost  
", "5432", "postgres", "" ] } }
```

References:

- [1] DEVS-Suite Simulator, (2021), <https://acims.asu.edu/software/devs-suite/>.
- [2] H.S. Sarjoughian, C. Zhang, G. Scherrer, (2020), “DEVS-Suite Simulator Guide: TestFrame and Database”, School of Computing, Informatics, and Systems Engineering, Tempe, Arizona, USA.