

Trouble shooting

Changes in `src/main/resources/csl-styles` are shown

You need to remove these directories from the “Directory Mappings” in IntelliJ. Look for the setting in preferences. A long how-to is contained in [Step 1: Get the code into IntelliJ](#).

Issues with `buildSrc`

- 1 Open the context menu of `buildSrc`.
- 2 Select “Load/Unload modules”.
- 3 Unload `jabRef.buildSrc`.

Issues with generated source files

In rare cases you might encounter problems due to out-dated automatically generated source files. Running gradle task “clean” (Command line: `./gradlew clean`) deletes these old copies. Do not forget to run at least `./gradlew assemble` or `./gradlew eclipse` afterwards to regenerate the source files.

Issue with “Module org.jsoup” not found, required by org.jabref

Following error message appears:

```
Error occurred during initialization of boot layer
java.lang.module.FindException: Module org.jsoup not found, required by org.jabref
```

This can include different modules.

- 1 Go to File -> Invalidate caches...
- 2 Check “Clear file system cache and Local History”.
- 3 Check “Clear VCS Log caches and indexes”.
- 4 Uncheck the others.
- 5 Click on “Invalidate and Restart”.
- 6 After IntelliJ restarted, you have to do the “buildSrc”, “Log4JAppender”, and “src-gen” steps again.

Issues with OpenJFX libraries in local maven repository

There might be problems with building if you have OpenJFX libraries in local maven repository, resulting in errors like this:

```
> Could not find javafx-fxml-20-mac.jar (org.openjfx:javafx-fxml:20).  
Searched in the following locations:  
file:<your local maven repository path>/repository/org/openjfx/javafx-fxml/20/javafx-fxml-20-ma
```

As a workaround, you can remove all local OpenJFX artifacts by deleting the whole OpenJFX folder from specified location.

Issues with `JournalAbbreviationLoader`

In case of a NPE at `Files.copy` at

```
org.jabref.logic.journals.JournalAbbreviationLoader.loadRepository(JournalAbbreviationLoader.java:30) ~  
[classes/:?], invalidate caches and restart IntelliJ. Then, Build -> Rebuild Project.
```

If that does not help:

- 1 Save/Commit all your work
- 2 Close IntelliJ
- 3 Delete all non-versioned items: `git clean -xdf`. This really destroys data
- 4 Execute `./gradlew run`
- 5 Start IntelliJ and try again.

Java installation

An indication that `JAVA_HOME` is not correctly set or no JDK 21 is installed in the IDE is following error message:

```
compileJava FAILED  
  
FAILURE: Build failed with an exception.  
  
* What went wrong:  
Execution failed for task ':compileJava'.  
> java.lang.ExceptionInInitializerError (no error message)
```

Another indication is following output

```
java.lang.UnsupportedClassVersionError: org/javamodularity/moduleplugin/ModuleSystemPlugin has been comp
```

Attempts to open preferences panel freezes application

This is likely caused by improper integration of your OS or Desktop Environment with your password prompting program or password manager. Ensure that these are working properly, then restart your machine and attempt to run the program.

In an ideal scenario, a password prompt should appear when the program starts, provided the keyring your OS uses has not already been unlocked. However, the implementation details vary depending on the operating system, which makes troubleshooting more complex.

For Windows and macOS users, specific configurations may differ based on the password management tools and settings used, so ensure your OS's password management system is properly set up and functioning.

For Linux users, ensure that your [xdg-desktop-portal](#) settings refer to active and valid portal implementations installed on your system. However, there might be other factors involved, so additional research or guidance specific to your distribution may be necessary.

For reference, see the discussion at issue [#11766](#).
