

Is there a faster way to compile?

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1. Use wildcards to compile multiple programs together in one Java instance instead of compiling each separately, which closes and opens a separate Java process for each compile.
(eg: `iscc src/prog*.cbl` instead of `iscc src/prog1.cbl, iscc src/prog2.cbl` etc.)
2. If you are compiling with version 2020R1 or earlier, split the compilation into two steps (This is not necessary after compilation improvements included in version 2020R2).
 - Compile all of the source files with `-jj` (and omit `-jc`) to produce just the `.java` intermediate source files.
`iscc -jj *.cbl`
 - Compile all of the `.java` source files into `.class` files with the JDK compiler using wildcards.
`"%ISCOBOL_JDK_ROOT%/bin/javac.exe" *.java`
 - You can run this in the background to run both steps in parallel
`"%ISCOBOL_JDK_ROOT%/bin/javac.exe" *.java &`
- 3.
4. Use the IDE
 - Put your source code into an IDE project
 - Let the IDE build the objects in the background
- 5.
6. Use ant
 - Create a `build.xml` script including dependencies
 - Run the ant utility to compile just the files that require it
- 7.
8. Use make
 - Create a makefile
 - Run the make utility to compile just the files that require it
- 8.

You can get more information in isCOBOL Evolve's documentation, under the Appendices/Performance Tuning/Guidelines for faster compilation section.