

ECLIPSE NOTES

Q: How to Import BlueJ project into Eclipse

- 1) File> New> Java Project
 - a. Type in a Project Name,
 - b. In Project Layout, choose "Create separate folders for source and class files"
 - c. then click finish
- 2) Open your Project under Package Explorer in the left sidebar
 - a. Right-click src, then choose Import
 - b. In the Select window, open General, then double click "File System"
 - c. Browse to desired BlueJ project folder and click OK
 - d. Select the files you want to import, click Finish
- 3) Open the src folder and (default package) folder to locate your source code.
- 4) To run the project either highlight the project root or double click the main source file, then click the green triangle on top to run. Console output will appear on the bottom. Applet windows will open as needed.

Q: When I try run my project a previous project is actually run

A: Right click on the top level folder for your project, then choose "Close all unrelated projects"

Q: How do I enable asserts in Eclipse?

A: Click Run>Run Configurations > (x)=Arguments and enter "-ea" in the VM arguments box

Q: How do I export a JAR file from Eclipse?

A: Click on the (default package) icon for your project. Then choose File>Export>Java>Jar File and then click next. Make sure "Export Java Source Files" is checked. Browse to the destination you want to send it to and give it a name like A1 or something. Click finish.

Q: When importing from BlueJ how do I add a precompiled class file to my project's BuildPath?

A: Put the precompiled class file in a subfolder of your BlueJ project folder. Then, after importing, R-click on (default package), then choose BuildPath>ConfigureBuildPath and click on the Libraries tab. Click the Add Class Folder button, find your project folder in the workspace, click the triangle next to src to expand the folder, locate your precompiled class folder and click the checkbox next to it, then OK. The Eclipse compiler should now find your precompiled class whenever you build the project.

BLUEJ NOTES

Key commands

^K = clear console / erase previous exception text from console window

^space = after typing a . will show available object methods you can call

Q: When I use Generics I always get a warning:

" [program name] uses unchecked or unsafe operations Note: Recompile with -Xlint: unchecked for details. "

A: This usually means you are not using your generic class right. Perhaps you are declaring an object without using the < > after the class name. It's better to figure out what the problem is – after all, generics are designed to help you trace where you might have messed up in declaring an object. However, if you want to disable the messages, navigate to the C:\BlueJ\lib , then open bluej.defs using Notepad. Search for this line:

```
#bluej.compiler.options=-source 1.4 -target 1.4
```

and immediately below it type this line:

```
bluej.compiler.options=-source 1.6 -Xlint:unchecked,-serial
```

you will have to shut down and restart BlueJ for the changes to take effect.

Q: How to enable Asserts in BlueJ:

A: http://www.cs.uwlax.edu/~riley/CS120F09/Handouts/7_assert_in_BlueJ.pdf