## Packaging Your Work: Creating (and running) an Executable JAR file from your Eclipse Java Project

Right-click (or on a Mac, control-click) the project. In the context menu, click Run As $\rightarrow$ Run Configurations.

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In the Run Configurations dialog box, create a new launch configuration.



Name your new launch configuration. Also, type the name of your Eclipse project and the name of the class containing the project's main method.

Run Configurations	
Create, manage, and run Run a Java application	configurations
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Click Apply, and then click Close.

Run Configurations	
<b>Create, manage, and run</b> Run a Java application	configurations
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Again, right-click (or on a Mac, control-click) the project. In the context menu, click Export.



In the Export dialog box, select Java $\rightarrow$ Runnable JAR file.

Export	
Select	
Export all resources required local file system.	to run an application into
Select an export destination:	
type filter text	
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Android ▶ 2→ Install	
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In the Runnable JAR File Export dialog box, select the configuration that you just created. Also type a path and name for your new **.jar** file.

Runnable JAR File Export						
Runnable JAR File Specification Select a 'Java Application' launch configuration to use to create a runnable JAR.	, Ģ					
Launch configuration:						
MyNewConfiguration - MyExportableProject	•					
Export destination:						
C:\users\bburd\myExportableProject.jar	Browse					
Library handling: <ul> <li>Extract required libraries into generated JAR</li> <li>Package required libraries into generated JAR</li> <li>Copy required libraries into a sub-folder next to the generated JAR</li> </ul>						
ANT script location:	Browse					
Seck Next > Finish	Cancel					

Click Finish. Then send the new **.jar** file to a friend (or an enemy). To execute the project in the **.jar** file, open a command window (Mac users... open a Terminal window).

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In the command window, type the full path to the java command, and add

## -jar yourJarFilename.jar

