Java tools reference card

Configuration	Java Developer Kit	Apache maven	eclipse

*How to specify the **main class** of the project?*	`java `**`package.Class`**	`mvn exec:java`
		`-Dexec.mainClass=`
		`"package.Class"`
			Run, Run Configurations
			Java Application, Main,
			Main class

*How to specify **arguments**?*	`java package.Class `**`arg0 arg1 …`**	`mvn exec:java …` `-Dexec.args="`**`arg0 arg1 …`**`"`	Run, Run Configurations Java Application, Arguments, **Program arguments**

*How to specify the **class path**?*	(win) `java -cp`
	`.;..\lib.jar`
	
	(nix) `java -cp`
	`.:../lib.jar`
		(indirectly using dependencies)
		`<dependencies>`
		`    <dependency>`
		`        <groupId>...`
		`        <artifactId>...`
		`        <version>...`
			Project, Build Path, **Configure Build Path**
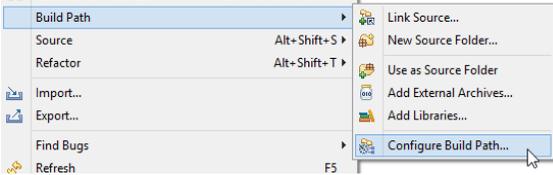			
			Libraries
			Add JARs / Add External JARs / Add Library /
			Add Class Folder / Add External Class Folder

m2eclipse Maven to Eclipse plugin

To configure the Maven project in Eclipse from pom.xml:
  'File', *'Import*...', *'Maven'*-*'Existing Maven Projects'*, *'Select root directory'* and *'Browse'* to the base folder.
  Check that the desired POM is selected and *'Finish'*.

To run a program from Eclipse using Maven:
  Right-click project, *'Run As'*, *'Maven build ...'*.
'Edit Configuration' to write goal (e.g. clean compile exec:java)