

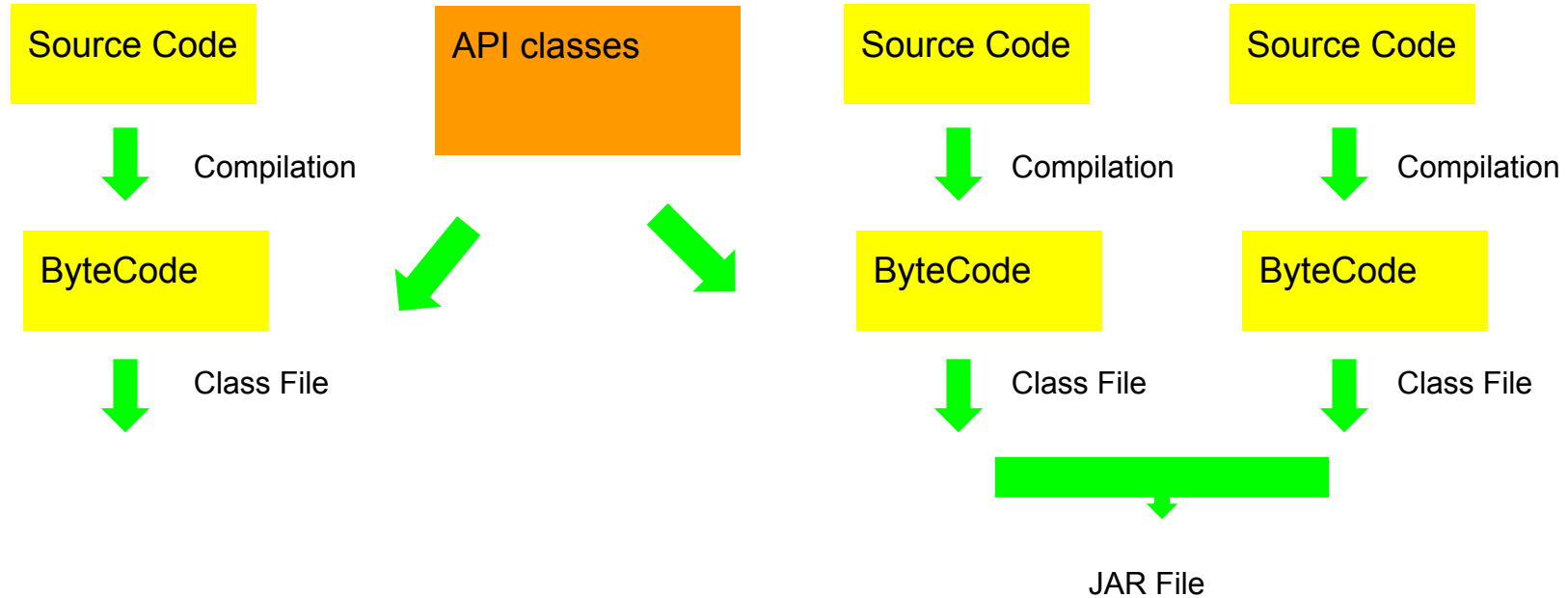
Tinker Academy

AP Computer Science Prep (Java Programming)
Lecture 3 - Java Fundamentals 2
(Java Packaging)

Winter 2015

Packaging

Lecture 3 - Java Fundamentals 2



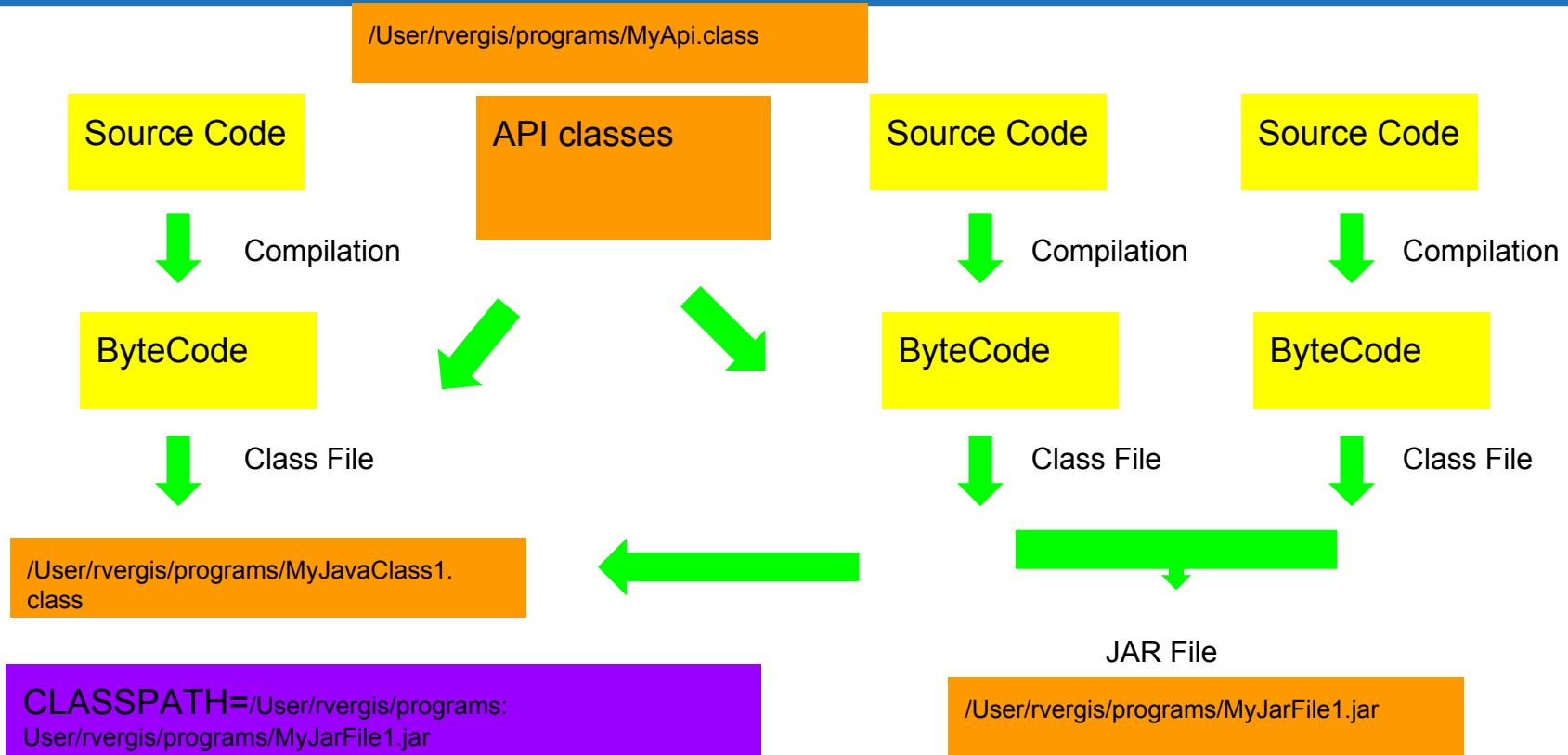
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Packaging In Java

- Java Classes optionally packaged as JAR files
- JAR = Java Application Resource
- JAR uses zip file format
- Contains additional manifest files describing the program
- JAR files end in .jar

Locating Classes

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Locating Classes

- When a Java program is run, it needs to be told where to locate Java class files
- Class files are usually located as a file in some directory or packaged in a JAR
- This location is specified using the classpath
- The classpath is a list of paths, either a directory containing the class files or the path to the jar file

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Locating Classes

- The classpath is specified to the “java” program or the “javac” program
- For “javac” the classpath would need to point to any class files or jars that your source code depends on.
- By default you do NOT need to include path to any of the classes in the JAVA SDK
- For “java” the classpath would need to specify any classes that your main class depends on