Using Java Beyond BlueJ

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Mainstream Java

Review

Java: Tools and Libraries for Everyone Module

As you reach the end of this series, you may wish to extend your Java experience to tools beyond those provided here. This module will cover some of the Java basic information that is needed to program without BlueJ or the edu.duke library. After completing this module, you will be able to:

- write a main method to start a Java program in any programming environment,

- use the "static" keyword to modify fields,

- find alternative editors to use with Java,

- use exceptions to debug your program and make it more robust, and

- reference Java libraries that are necessary to read files without the edu.duke library.

More Course Resources

http://www.dukelearntoprogram.com/course4/index.php - This website of programming resources contains pages for each course in the Duke Java Programming specialization. The link above for this course is where you will go to:

- Download the custom version of the BlueJ environment;

- Find project resources, such as example code from the lecture videos;

- Download images and data files for the programming exercises; and

- See documentation for the custom classes developed for this course.

Lecture Slides

Using Java Beyond BlueJ

MiscellaneousJava.pdf

MainMethod.pdf

Static.pdf

Editors.pdf

BeyondBlueJSummary.pdf

Mainstream Java

MainstreamJavaIntroduction.pdf

UnderstandingExceptions.pdf

HandlingExceptions.pdf

DeclaringExceptions.pdf

ThrowingExceptions.pdf

ReadingFilesWithJava.nio.pdf

MainstreamJavaSummary.pdf

Mark as completed

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