

Java Programming Revision Tool

Nicole Keaarns

October 11, 2013

Contents

1	Background	2
1.1	Investigation of Existing Artifacts	2
1.1.1	Static Learning Tools	2
1.1.2	Interactive Tools	2
1.1.3	Quizzes	2
1.1.4	Community-based Support	3

1 Background

This section discusses several different existing artifacts, most relating to Java programming or another programming language. These tools were selected to provide design ideas for my own Java revision application, focusing on how each tool provides the user with the material to learn.

1.1 Investigation of Existing Artifacts

There are many methods of learning how to program in a new language and there are a huge number of applications available to teach users how to do so. I have broken down the existing artefacts into several categories, as shown in the image below.

INSERT DIAGRAM!!!!!!!

1.1.1 Static Learning Tools

- Java Puzzler
- Oracle

1.1.2 Interactive Tools

Guided Walkthroughs:

- Code Avengers
- CodeCademy
- Learn Java Online
- TryRuby

Free-Form Tools:

- GroovyConsole
- Compile Online

1.1.3 Quizzes

- Bitesize
- ProProfs
- Indiabix

1.1.4 Community-based Support

- Java Programming Community
- StackOverflow
- Wikipedia