

Coding Style

- Video: Code Style 11 min
- Reading: Tabs vs. Spaces 5 min
- Reading: Bad Coding Standards 5 min
- Video: Code Style Examples 5 min
- Discussion Prompt: What is good style? 15 min
- Peer-graded Assignment: Code Style Grading in progress
- Review Your Peers: Code Style

Debugging and Static Analysis

- Video: Debugging 8 min
- Video: Static Analysis 4 min
- Reading: Static Analysis Tools 15 min
- Peer-graded Assignment: Static Analysis Grading in progress
- Review Your Peers: Static Analysis

Comments and Self-Documentation

- Video: Commenting 10 min
- Discussion Prompt: Commenting vs. Self-documentation 10 min
- Peer-graded Assignment: Commenting Grading in progress
- Review Your Peers: Commenting

Version Control and Build Process

- Video: Version Control Systems 12 min
- Reading: Git and GitHub 10 min
- Video: Build Process 7 min
- Reading: Intro to Make 10 min
- Reading: A closer look at Apache Ant 15 min
- Reading: Gradle 15 min
- Reading: Comparison: Ant, Maven, and Gradle 15 min

Quiz: Quality in Implementation

- Quiz: Quality in Implementation 15 questions

Instructions

My submission

Discussions

FindBug 1.2

Submitted on August 31, 2020

Shareable Link

PROMPT

Select a well-established static analysis tool which has online documentation of its capabilities. Select a feature of the tool. Briefly explain the feature's purpose, how to use it, and why it is important to have this analysis capability.

Link: <http://findbugs.sourceforge.net/manual/gui.html#d0e1162>

Name: [Using the FindBugs GUI](#)

Following the steps:

1. Creating a Project
2. Running the Analysis
3. Browsing Results
4. Saving and Opening

Purpose -> Let the developer find the bugs via GUI, browse within the list of bugs, and save the list for convenience.

Why is this important? -> Because this is a GUI tool. It is very easy to use and it does not take a long time to run any analysis. We can browse the problem right after 2 clicks of import the project and save it for other times.

PROMPT

Use the same static analysis tool selected for the previous prompt. Select another feature of the tool. Briefly explain this feature's purpose, how to use it, and why it is important to have this analysis capability.

Link: <http://findbugs.sourceforge.net/manual/running.html>

Name: [Running FindBugs™ \(Run by command line\)](#)

Following steps: