

Javadoc notes

Prof Bill - Jan 2020

Javadoc is a standard way to add comments to your code. When you use Javadoc-style comments in your code, there are two huge advantages:

- It's the standard way of doing things (idiom!), so other coders will be familiar with your style. You too!
- The javadoc program reads comments in your code and creates cool web pages for your Java classes.

The Java API documentation is all Javadoc, docs.oracle.com/javase/8/docs/api/.

Javadoc comments start with `/**`, and they are usually added before classes, methods and variables.

```
/**
 * This class implements a stack from Homework 03
 * @author Prof Bill
 */
public class MyStack implements Stack3 {
    // more code...
}
```

The javadoc command

To create Javadoc web pages for your classes, run the javadoc command in the terminal. Something like this:

```
$ javadoc *.java -d silly
```

The `-d` option specifies a directory for all the Javadoc files, and there are a lot of files. In the example above, I called my folder “silly”. Usually, you’ll call it “javadoc”. If you don’t specify `-d`, then files are saved to your current folder, and you will be unhappy.

After running javadoc, open the `index.html` file in your browser to enjoy the goodness.

VS Code

VS Code has a cool extension to help you: **Javadoc Tools**,
marketplace.visualstudio.com/items?itemName=madhavd1.javadoc-tools

Once installed, VS Code does nice auto-complete magic for “/**” and “@” comments.

Finally, Javadoc is a part of the **coding guidelines** for our class,
wtkrieger.faculty.noctrl.edu/csc210-spring2020/docs/java_coding_guidelines.pdf

thanks...yow, bill