Javadoc

A very short tutorial

What is it

- A program that automatically generates documentation of your Java classes in a standard format
- For each X.java it will create an X.html, plus a couple of additional pages (index, ..)
- How: javadoc [options] {package | file(s)}
  - E.g.: javadoc *java

What is extracted?

- A description of all public and protected classes, interfaces, methods, and data fields

  +
- Special comments that you supply:

```
/**
 * summary line
 * …
 * more info
*/
```

Must immediately precede relevant code section

Tags

- Allow you to specify specific information:
  - For classes and interfaces:
    - @author Name
    - @version Version number
  - For methods:
    - @param name description
    - @return description
    - @exception exceptionClass description
    - @deprecated description
  - For everything:
    - @see reference

HTML tags

- You can include HTML tags in your special comments (but should not use <h1> or <h2>).
- Commonly useful tags: <i>, <br>, <p>

Options/Links

- Lots of options, e.g.

  -public (only public elements extracted)

  -protected (public and protected = default)

  -private (also include private elements)
- See also:
  - Online source example: java/sources/Javadoc
  - Sun docu: http://java.sun.com/j2se/javadoc/index.html