



Classes - Comments

Java source code comments



Code is for people

- Your code will be read by your colleagues
- ...and yourself
- Comments are very valuable - not all code is self-explanatory!
- Comments also make up documentation of your programs

Three kinds of comments

In your class source code, you can make three types of comments:

- Single line comment

```
// this is a comment
```

- Multi line comment

```
/*
```

```
    This comment spans
```

```
    many lines */
```

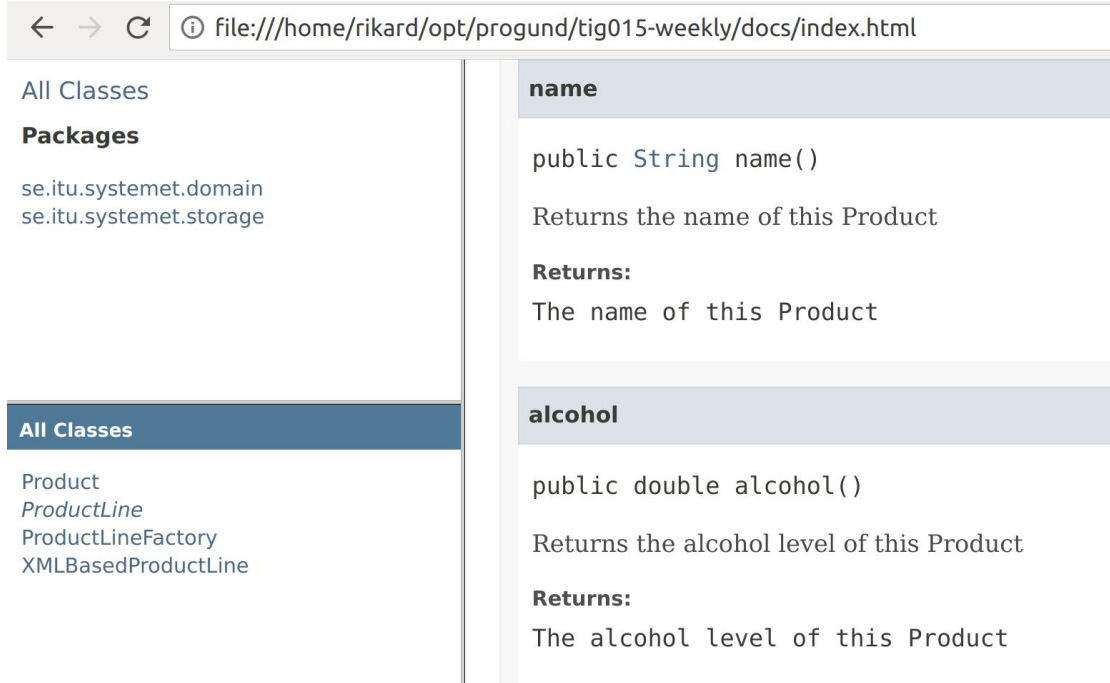
- Documentation comments (see next slide for example)

Javadoc comment - example

```
/**  
 * Returns the name of this Product  
 * @return The name of this Product  
 */  
public String name() {  
    return name;  
}
```

Produces HTML documentation

```
/**  
 * Returns the name of this Product  
 * @return The name of this Product  
 */
```



The screenshot shows a web browser window with the address bar containing the file path: `file:///home/rikard/opt/progund/tig015-weekly/docs/index.html`. The browser displays a page with a navigation sidebar on the left and a main content area on the right.

Navigation Sidebar:

- All Classes**
- Packages**
 - `se.itu.systemet.domain`
 - `se.itu.systemet.storage`
- All Classes** (highlighted)
 - `Product`
 - `ProductLine`
 - `ProductLineFactory`
 - `XMLBasedProductLine`

Main Content Area:

name

```
public String name()  
  
Returns the name of this Product  
  
Returns:  
The name of this Product
```

alcohol

```
public double alcohol()  
  
Returns the alcohol level of this Product  
  
Returns:  
The alcohol level of this Product
```

Javadoc is outside the scope of this course

We do not cover the Javadoc system in the *Programming with Java* course material, but you can learn it yourself by reading our examples in our source code and there are some resources online:

- <http://www.oracle.com/technetwork/articles/java/index-137868.html>
- <https://en.wikipedia.org/wiki/Javadoc>