Javadoc

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Topics

- What is Javadoc?
- Description
- Javadoc tags
- Generation of Javadoc

What is Javadoc?

What is Javadoc?

- Javadoc is a tool for generating API documentation in HTML format from doc comments in source code
- API document of JDK classes are created using Javadoc
- You can create your own Javadoc for your classes and methods by writing comments in your Java source files

What makes up Javadoc comments?

- Description (of a class or method)
- Tags

Description of a Class, Method

Description

- Provided as comment
- In the form of HTML
- Should be ahead of Javadoc tags
- Code font
 - <code>My code</code>
- Hyperlink
 - > {@link Person}



Javadoc Tags

- @author identifies author(s) of a class or interface.
- @version version info of a class or interface.
- @param describes an argument of method or constructor
- @return describes data returned by method
- @throws describes exception thrown by method.
- @exception same as @throws

Placement of Javadoc Tags

- Tags come after the description
- Should be separated by a new line

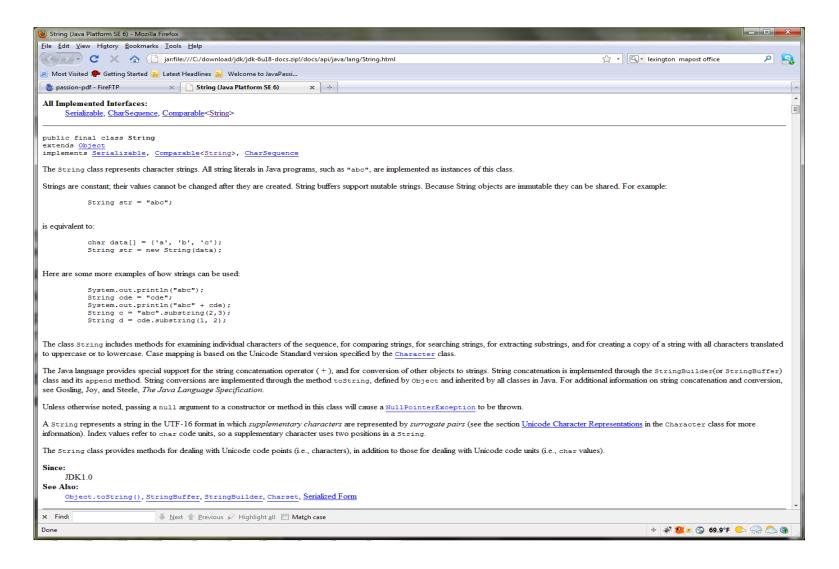
Order of Tags

- @author
- @version
- @param
- @return
- @exception
- @see
- @since
- @serial (or @serialField or @serialData)
- @deprecated

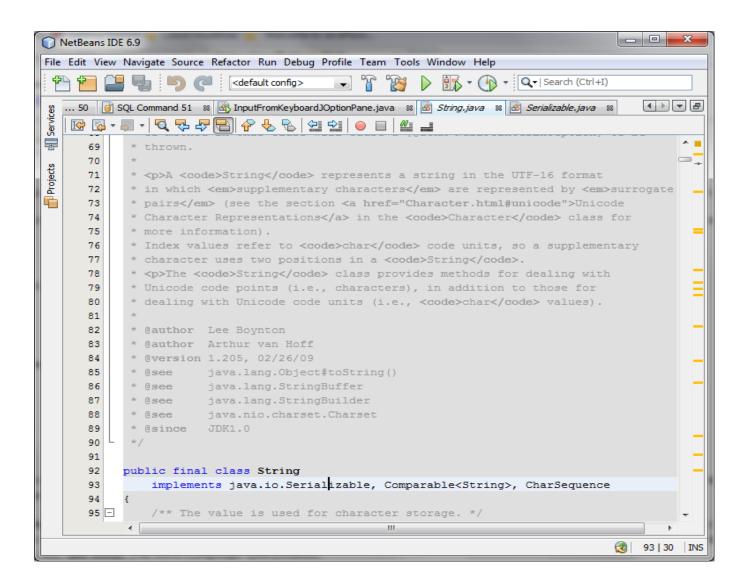
Multiple Instances of a same tag

- Multiple @author tags should be listed in chronological order, with the creator of the class listed at the top.
- Multiple @param tags should be listed in argument-declaration order. This makes it easier to visually match the list to the declaration.
- Multiple @throws tags should be listed alphabetically by the exception names.

Javadoc of String Class

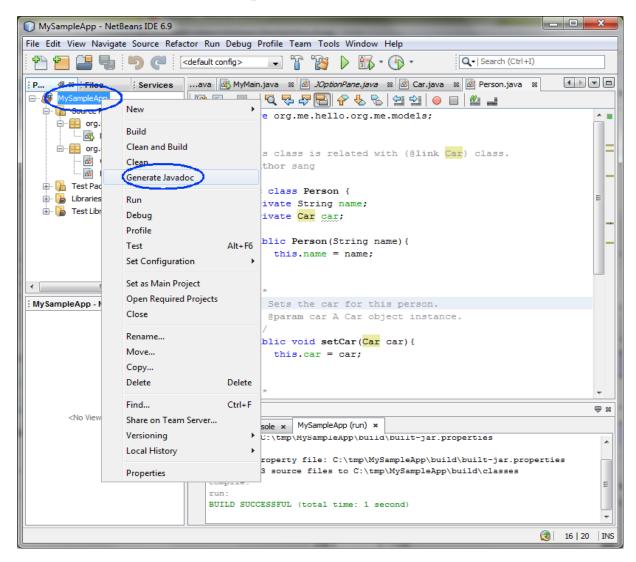


Javadoc Source of String Class



Generation of Javadoc

Generating Javadoc



Thank you!

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