An Introduction to Eclipse

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What's Now What will change ?

Outline



• What will change ?

- 2 Starting Off With Eclipse
 - Let us take off
 - Making your first Program
- Debugging In Eclipse
 Basics of Debugging

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What's Now What will change ?

How do you program NOW ?

Editing

- Compiling
- Re Editing
- Repeat
- Ok running
- Again repeat
- Well success

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What's Now What will change ?

Is that it ?

In case you get out there are more issues ...

- Reusability
- Code Maintainance
- Documentation
- Etc Etc

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What's Now What will change ?

Outline



- The Need for Eclipse ?
 - What's Now
 - What will change ?
- Starting Off With Eclipse
 - Let us take off
 - Making your first Program
- Debugging In Eclipse
 Basics of Debugging

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What's Now What will change ?

How will you program in Eclipse ?

• Editing ... with help from Eclipse

- Running
- Debugging
- Running

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Installation

Download Eclipse from www.eclipse.org. Unzip the zip file. Installed



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Let us take off Making your first Program

A One Time Setup

Workspace Understanding

- Perspective Understanding
- Views Understanding

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Let us take off Making your first Program

Writing the First Program

Specifications Take a Word as input and print some syntactic details i.e number of letters and number of spaces in the word.

- Content Assist
- Java is not about learning big functions names. Its about using them and using them well. Let eclipse do the learning part and we do the using part

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Is there a ?

- Well there should be. How can we make a program without compiling it ?
- Eclipse was doing it all the time
- Lets run it now

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2 Mins Break

Questions

Harsh Jain Java Lecture

Basics of Debugging

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Basics of Debugging

Breakpoints

Breakpoints are like speedbreakers or pause buttons. You can pause your code at many places using breakpoints. Put them judiciously to debug fast. It comes with practice.

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Basics of Debugging

Variables

What we are concerned is the value of variables at breakpoints.

If we see anything wrong we can fix things fast (with practice

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The End

• The only purpose of Eclipse is to increase the efficiency.

- Programmers should spend less time repeating stuff.
- Programmers should spend less time re writing code and debugging.
- And its fun ofcourse :)

Questions Please

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