



# Eclipse

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# Workbench Terminology

Menu bar

Tool bar

Perspective  
and  
Fast View  
bar

Resource  
Navigator  
view

Properties  
view

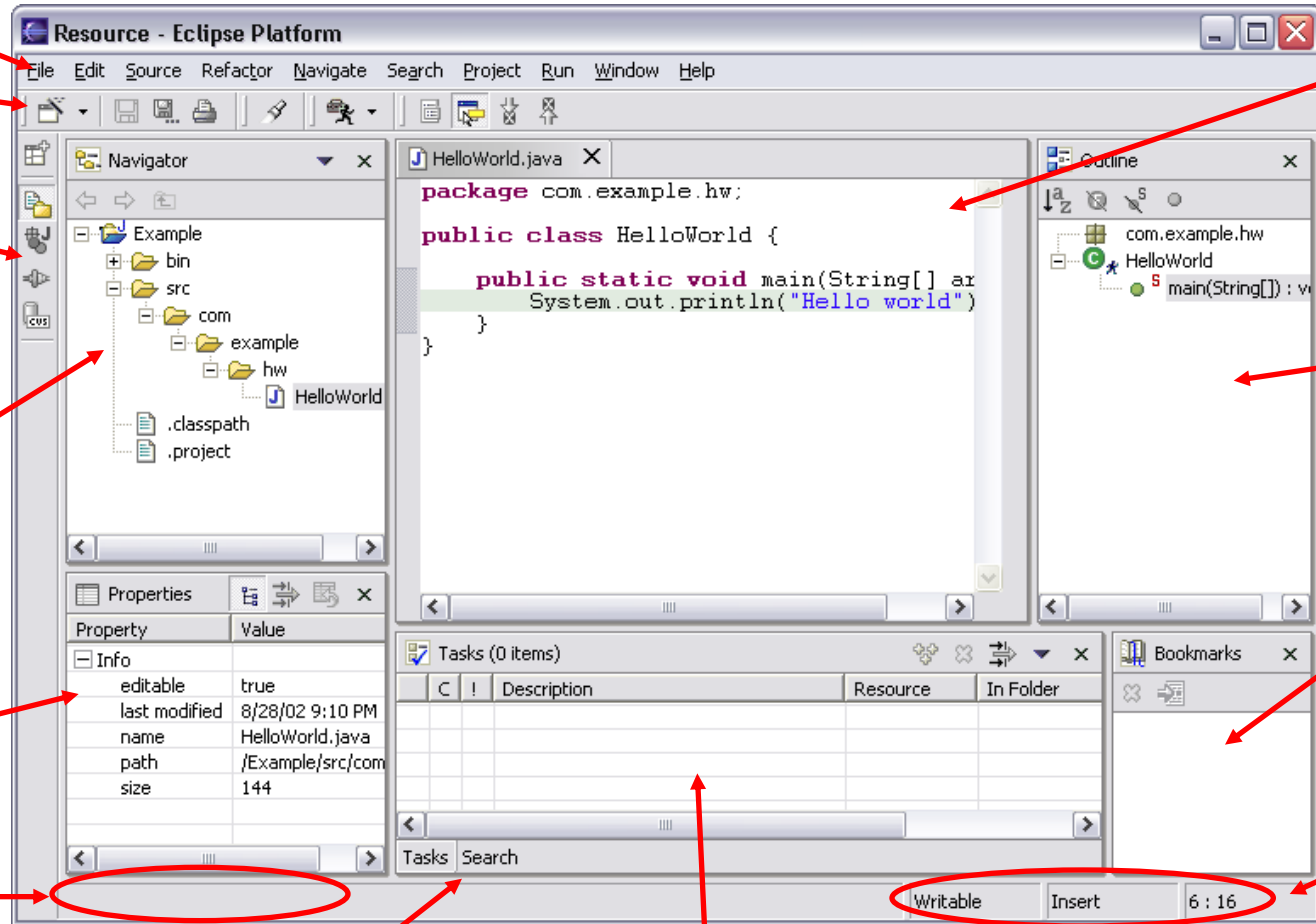
Message  
area

Text  
editor

Outline  
view

Bookmarks  
view

Editor  
Status  
area

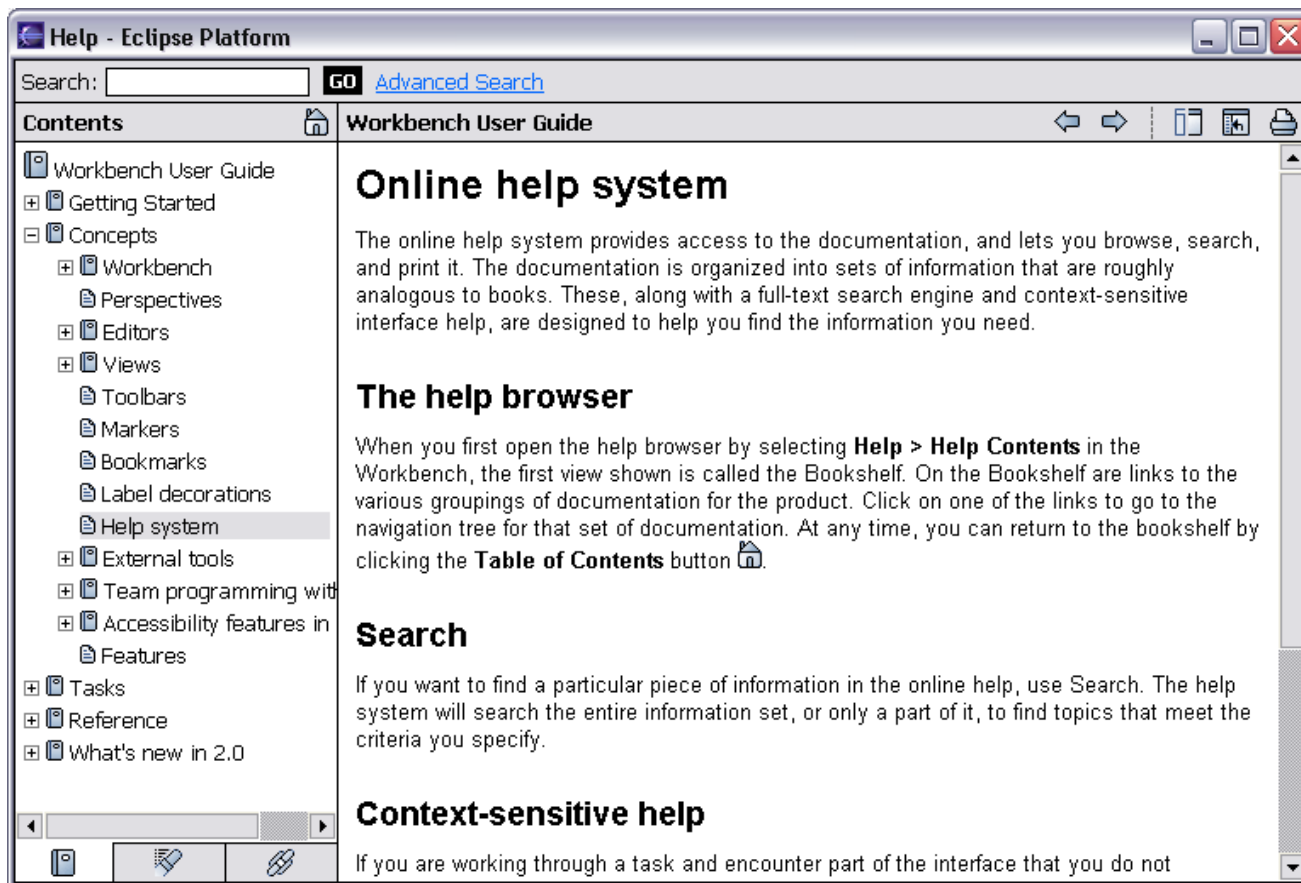


Stacked  
views

Tasks  
view

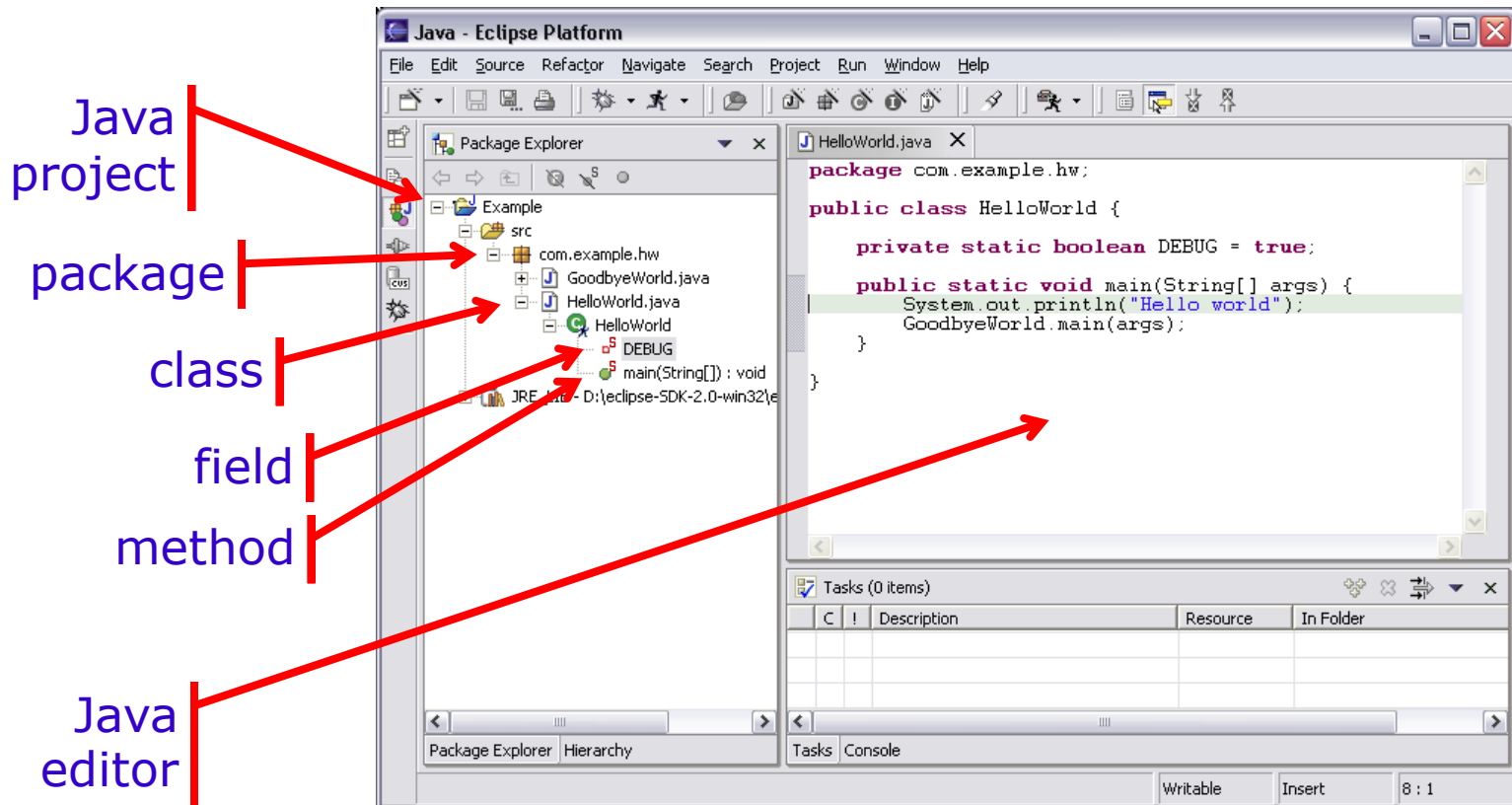
# Help Component

- Help is presented in a standard web browser

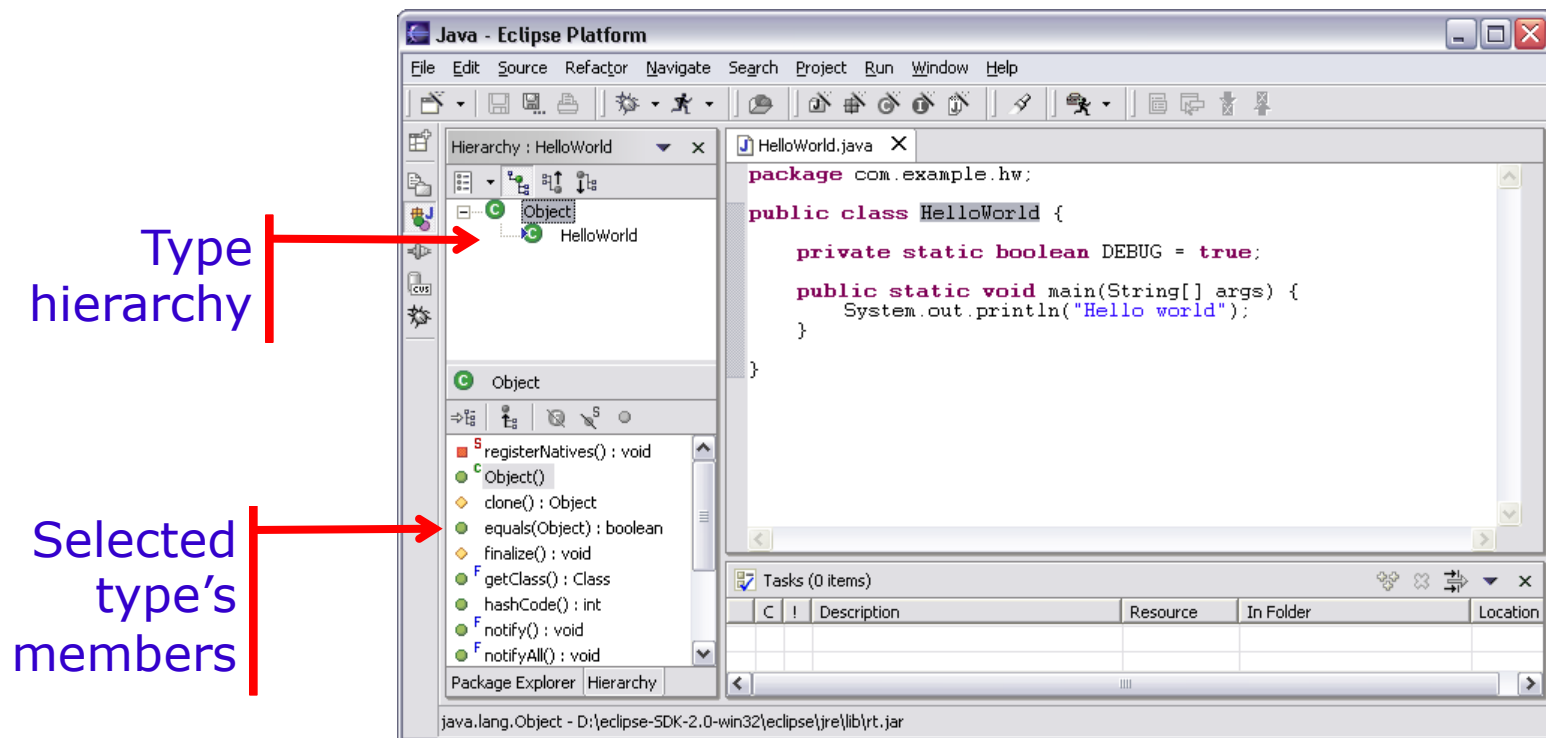


# Java Perspective

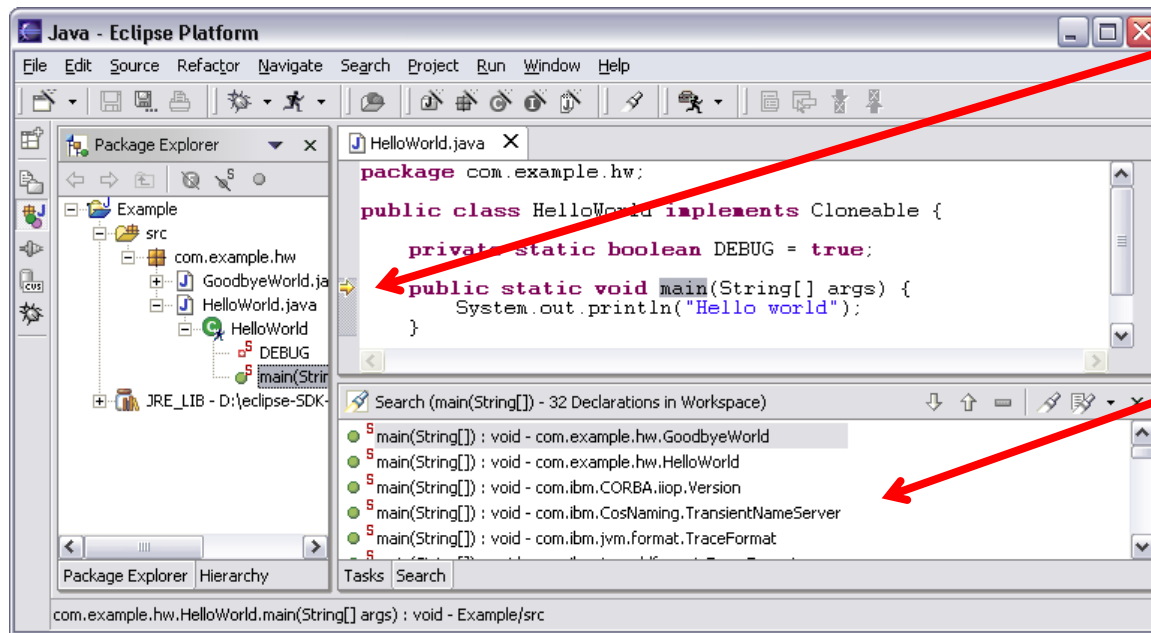
- Java-centric view of files in Java projects
  - Java elements meaningful for Java programmers



# Java Perspective



# Java Perspective

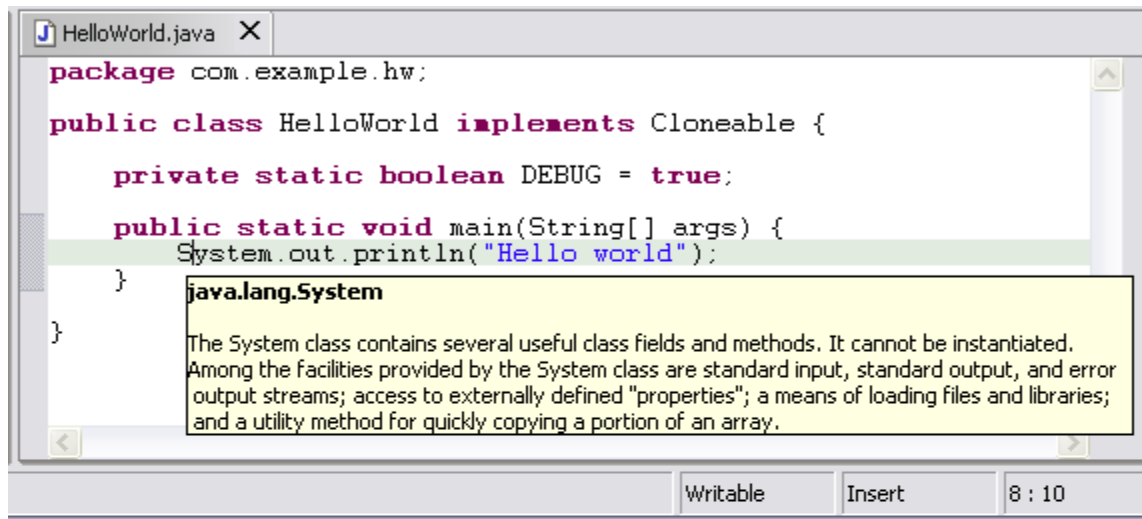


Hits  
flagged  
in margin  
of editor

All search  
results



# Java Editor

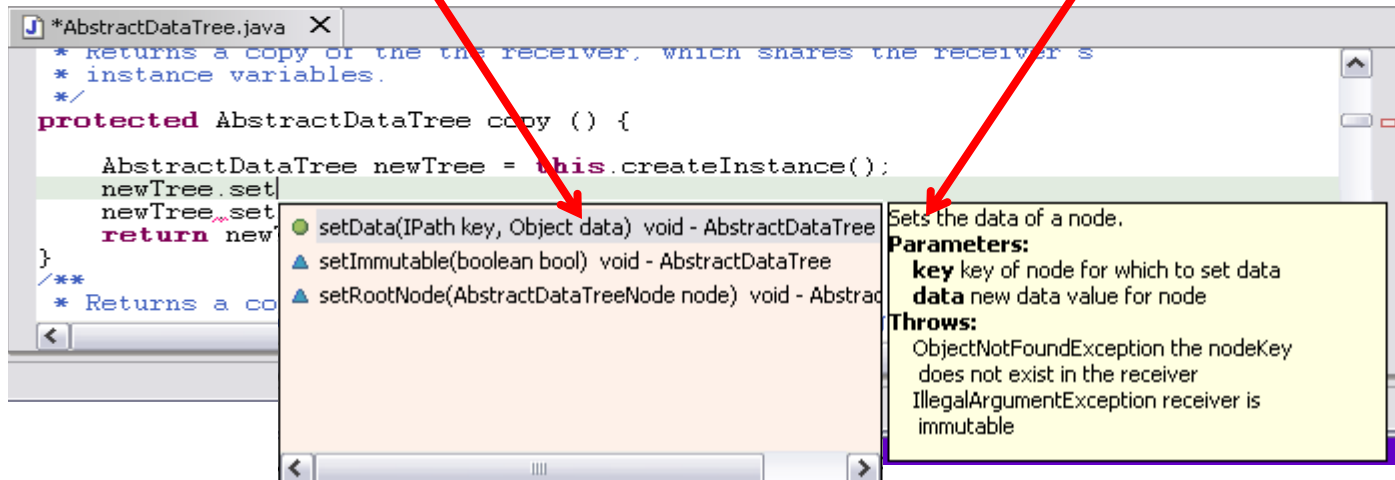


# Java Editor

## ■ Method completion in Java editor

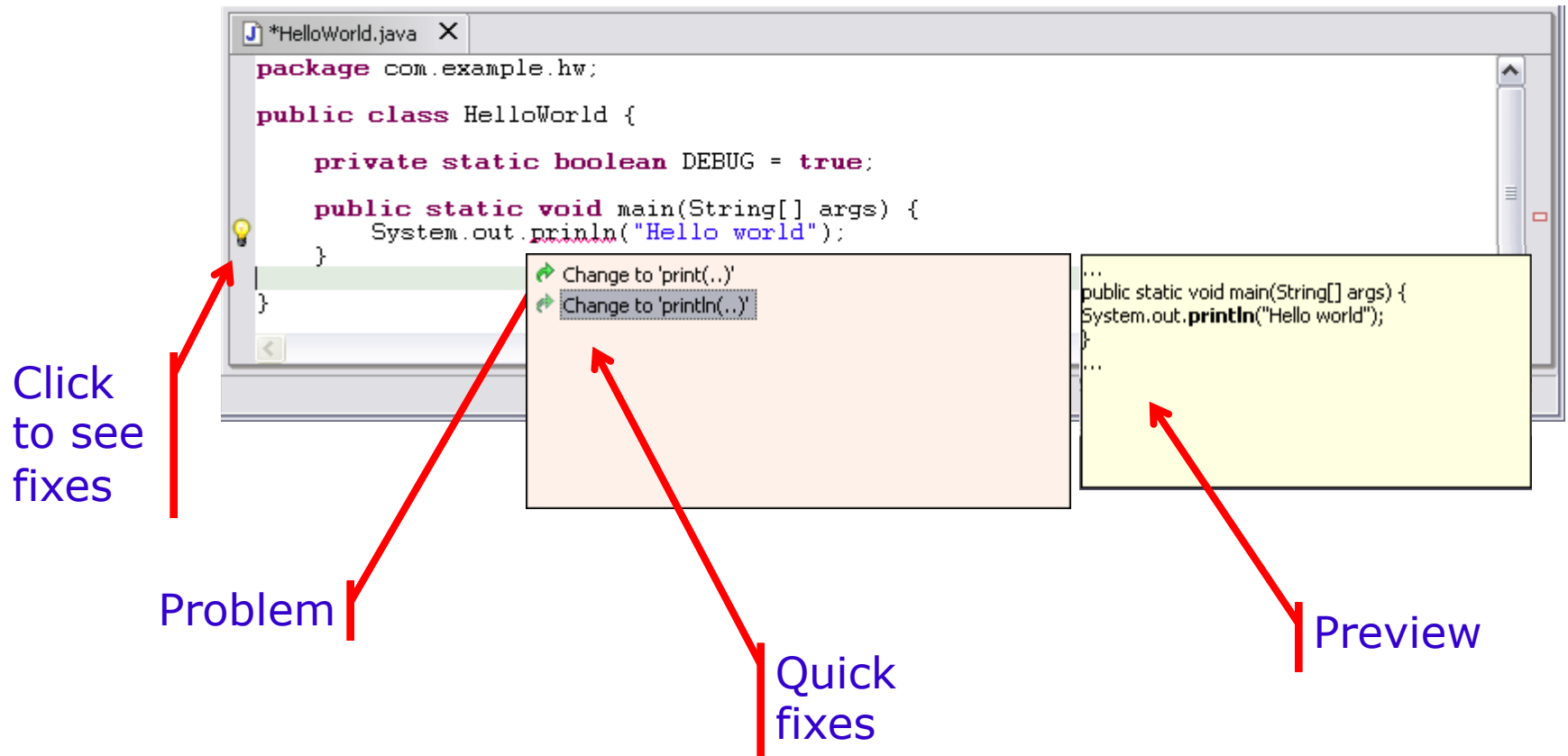
List of plausible methods

Doc for method

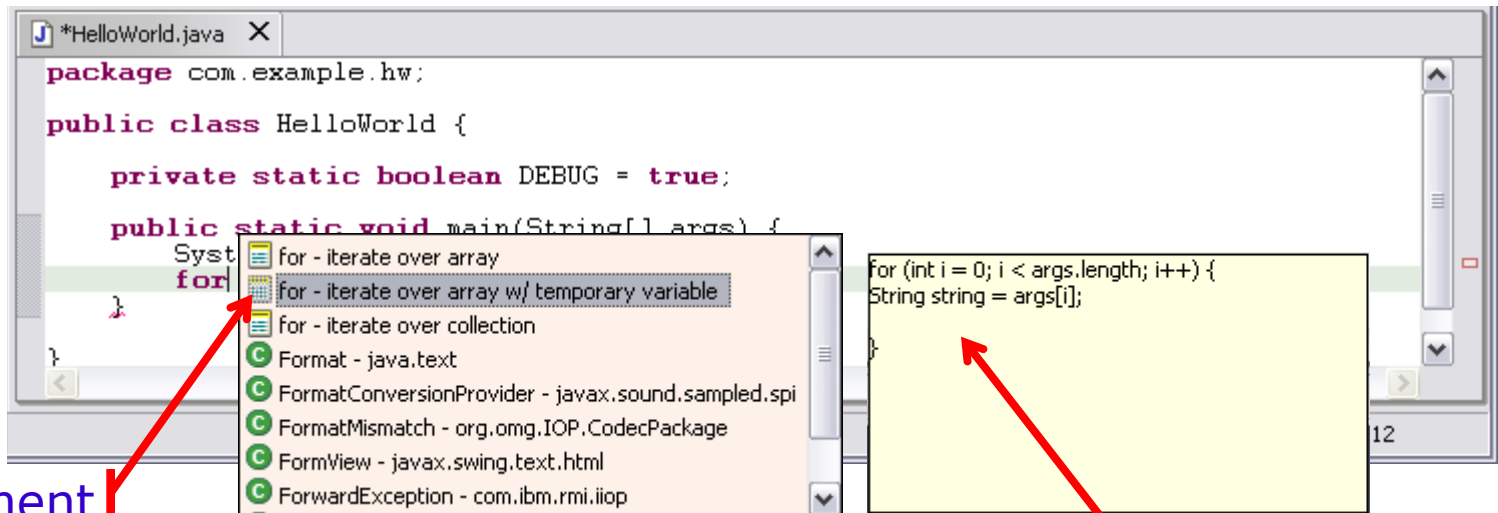




# Java Editor



# Java Editor



Statement  
template

Preview

Define

# Eclipse Java Debugger

The screenshot shows the Eclipse Java Debugger interface. The main window is titled "Debug - Eclipse Platform". It contains several panes:

- Threads and stack frames:** A pane on the left showing the execution stack. It lists threads like "com.example.hw.HelloWorld at localhost:9720", "System Thread [Finalizer] (Running)", "System Thread [Reference Handler] (Running)", "System Thread [Signal dispatcher] (Running)", and "Thread [main] (Suspended)". A red arrow points to this pane from the label "Threads and stack frames".
- Local variables:** A pane on the right showing the current thread's local variables. It displays "DEBUG = true" and "args = String[0] (id=12)". A red arrow points to this pane from the label "Local variables".
- Editor with breakpoint marks:** The central pane shows the source code of "HelloWorld.java". It contains the following code:

```
public class HelloWorld implements Cloneable {  
    private static boolean DEBUG = true;  
    public static void main(String[] args) {  
        System.out.println("Hello world");  
    }  
}
```

A red arrow points to this pane from the label "Editor with breakpoint marks".
- Console I/O:** A pane at the bottom showing the output of the program. It displays "Hello world". A red arrow points to this pane from the label "Console I/O".

Other panes visible include "Variables", "Breakpoints", "Expressions", "Display", and "Outline".



# ShortCut key

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- ALT + Up/Down Arrow
  - You can even select more rows and move them all.
- ALT + Left/Right Arrow
  - Move to the last location you edited
- CTRL+SHIFT+T
  - Open Type
- CTRL+E
  - Shows you a list of all open editors.
- CTRL + F11
  - Runs the application



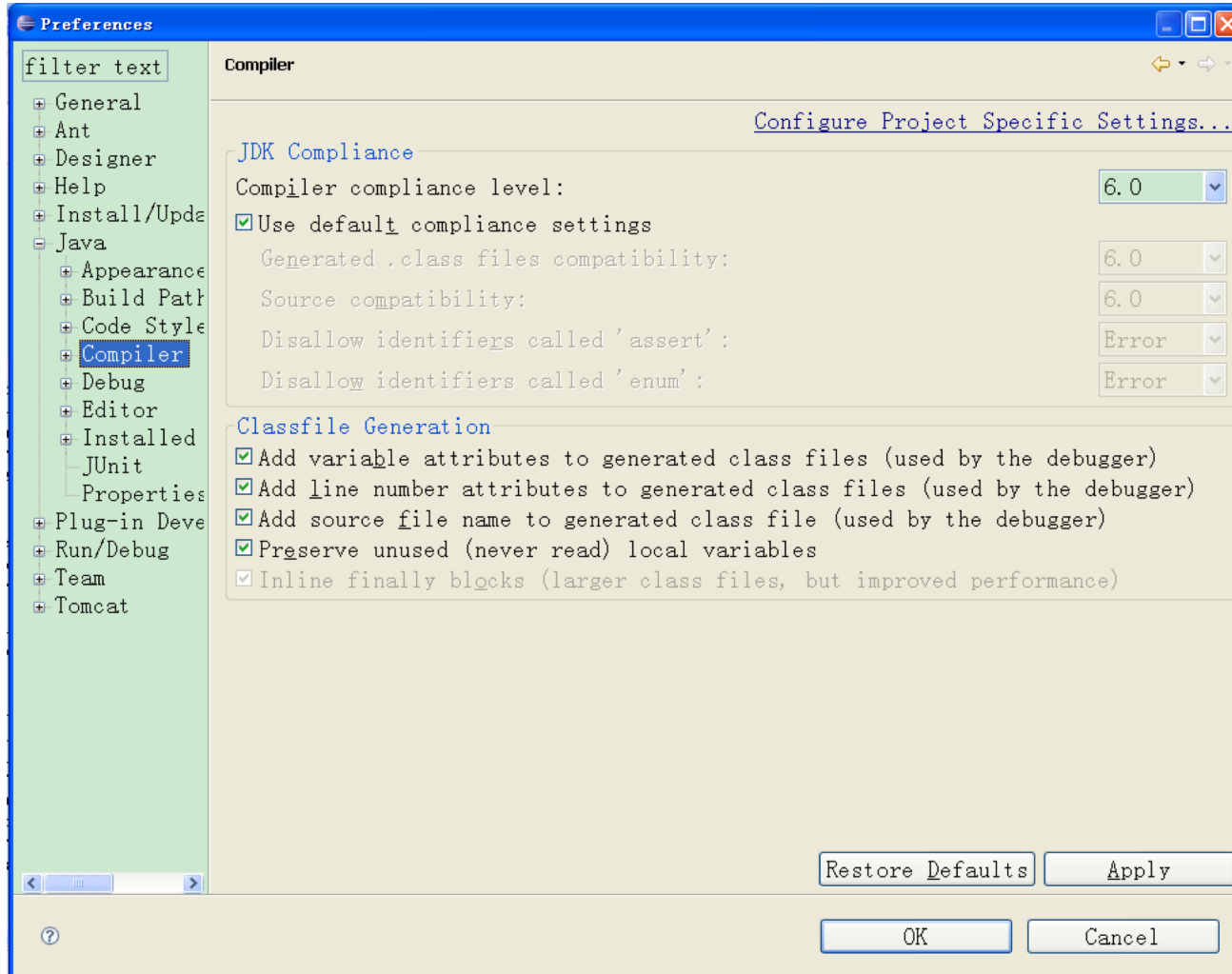
# ShortCut key

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- CTRL + SHIFT + F
  - Formats code
- CTRL+SHIFT+G
  - Bind this to "Generate getters and setters".
- CTRL+/
  - Add or remove //
- CTRL+SHIFT+/
  - Add or remove /\* \*/

# Configure project specific settings

Window->Preferences





# The End

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