Jira:

<https://asudev.jira.com/wiki/spaces/jira/pages/104267813/JIRA+Tips+and+Tricks>

https://www.idalko.com/expert-tips-productivity-jira/

https://www.atlassian.com/blog/jira-software/4-ways-get-jira-keyboard-shortcuts

Git:

http://www.mariadcampbell.com/2015/07/27/git-cheat-sheet/

<https://www.atlassian.com/git/glossary>

Debug:

<https://www.eclipse.org/community/eclipse_newsletter/2017/june/article1.php> debug

https://eclipsesource.com/blogs/2013/01/08/effective-java-debugging-with-eclipse/

<http://www.vogella.com/tutorials/EclipseDebugging/article.html>

https://help.eclipse.org/neon/index.jsp?topic=%2Forg.eclipse.jdt.doc.user%2Ftips%2Fjdt\_tips.html&cp=1\_5\_6&anchor=debugging\_section

Eclipse short cuts more:

https://help.eclipse.org/neon/index.jsp?topic=%2Forg.eclipse.jdt.doc.user%2Ftips%2Fjdt\_tips.html&cp=1\_5\_2&anchor=searching\_section

<http://javarevisited.blogspot.in/2010/10/eclipse-tutorial-most-useful-eclipse.html>

https://developersjournal.in/eclipse-java-ide-productivity-tips/

CTRL + <SHIFT> + L. Eclipse will display all the shortcuts available.

Alt + Shift + R : Rename/ refactoring magic :)

Ctrl + Shift + T : To open a .java file  
Ctrl + Shift + R : To open a resource (every file is on that list)

Alt + Shift + J : Eclipse will automatically generate javadoc for it.

Ctrl + Alt + H : Call hierarchy  
Ctrl + 1 : Suggestions  
Ctrl + 2 : Assign  
Ctrl + Space : Auto fill / suggests

Ctrl+H -- Search Entire Workspace for file,words etc

* **Ctrl-Shift-L**: show list of keyboard shortcuts
* **Ctrl-Shift-O**: organize imports automatically
* **Ctrl-Shift-T**: opens a window to open a type via autocompletion
* **Ctrl-Shift-R**: opens an autocomplete window for resources (files)
* **F3**: jump to definition
* **Ctrl-O:** opens an autocomplete window to jump to a member definition for all members of the open type

**Navigation and Search Shortcuts**

List of some of the shortcuts that will help you understand your code.

* **F3 or Ctrl+Left Click:** Jumps to the declaration of the element.
* **Ctrl+T:** Help you view the type hierarchy and implementation methods.
* **Ctrl+Alt+H:** Help you view the call hierarchy of the selected element.
* **Ctrl+Shift+G:** Help you search the entire workspace for all references of the selected element.
* **Ctrl+Shift+T:** Help you search for a Class, Interface, or Enum.
* **Ctrl+Shift+R:** Help you search for a resource.

**#Shortcuts to Run, Debug, and Inspect Code**

This list should always be handy while you are debugging your code:

* **Ctrl+F11:** Run the last application launched.
* **F11:** Debug the last application launched.
* **F5:** Step into the code.
* **F6:** Step over the code, i.e., move to the next line.
* **F7:** Return to Caller
* **F8:** Resume the code until the next breakpoint.
* **Ctrl+Shift+I:** Evaluate the selected expression.

Ctrl + O : Quick Outline View (Really helps navigate within the class)  
  
Ctrl + L : Goto line, when those exceptions are there in the logs :)  
  
F3 : Go to source!

**Ctrl + Page Up/Down** - Previous/next open file. Saves a lot of time by removing the requirement of shifting between files using mouse(especially if you are working on a trackpad).

**Alt + ←**  Go to previous opened editor. Cursor is placed where it was b4 u opened d next editor  
**Alt + →**Similar **Alt + ←** but opens the next editor

Alt + Left/Right : Navigate back/forward  
  
F5-8 : For debugging

Ctrl + Shift + F : Format code  
Ctrl + Shift + G : References in the workspace

Ctrl+I -- Correct indention of selected text or of current line or whole class  
Ctrl+Shift+F -- Format all code in class  
Ctrl+/ -- Comment / un-comment line  
Ctrl+Shift+/ -- Add Block Comment around selection

Ctrl+Shift+\-- Remove Block Comment around selection

**Ctrl-e** - Open Editor Drop Down

**Ctrl + Space**      Content assist/ code completion  
**Ctrl + T**             Show the inheritance tree of the current Java class or method.  
**Ctrl + O**            Show all methods of the current class, press Ctrl + O again to show the inherited methods.  
**Shift + Enter**       Adds a blank line below the current line and moves the cursor to the new line. The difference between a regular enter is that the currently line is unchanged, independently of the position of the cursor.  
**Ctrl+Shift+Enter**  Same as Shift + Enter but above

ctrl + shift + R --------- opens resource file  
ctrl + H ------------ Search in work space  
ctrl + alt + H ----------- opens call hierarchy  
ctrl + del ----------- delete to word end  
ctrl + D ------------ delete entire line  
alt + shift + m ------------ extract a method  
ctrl + alt + down ------------ duplicate line

### How to find references of used classes and methods

This is a very quick and useful way to find out where a class or method is used throughout the workspace/project. Select class/method > right click and go to  References => Workspace (Ctrl+Shift+G) || Project.

**Ctrl + Alt + (Arrow Down Or Arrow Up)**--> makes a copy of the line your curser is on (Up or Down)  
**Alt + (Arrow Down Or Arrow Up)**--> moves the line your curser is on (Up or down)

Ctrl + . to go to the next compile error in a file  
Alt + left arrow to navigate back (e.g. after pressing F3)

Ctrl + Shift + G  - shows references to the selected element

## 6. Use shortcuts

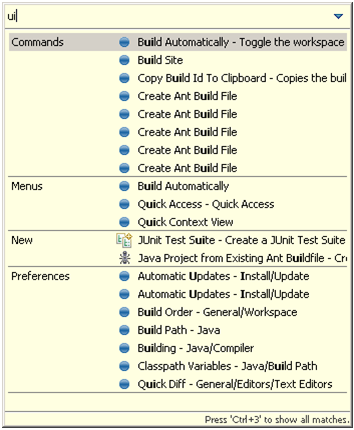
For faster development you should use more of the keyboard and less of the mouse. Apart from the classic shortcuts **Ctrl+c** (copy text/file to clipboard), **Ctrl+v** (paste text/file from clipboard), **Ctrl+z** (undo last action), **Ctrl+y** (redo last action), and **Ctrl+s** (save),  Eclipse supports keyboard shortcuts for the most common actions. There are dozens of them, but if you know the “important” ones, you should be fine.

I’ve listed below the ones I use most frequently :

|  |  |
| --- | --- |
| **Shortcut** | **Description** |
| Alt+Shift+R | Rename selected element and all references in project |
| Ctrl+Space | Content assist/code completion |
| Ctrl+1 | Quick Fix – Suggest possible fixes for a problem, or shows possible actions (let Eclipse create local variables, constants, choose their name and realize the necessary imports / initialize local variables / assign the result of a method to a new local variable) |
| Ctrl+Shift+T | Open Type – Open a type in a Java editor |
| Ctrl+Q | Goes to the Last edit location |
| Ctrl+7 | Toggle comment the selected linets |
| Ctrl+O | Shows quick outline of a class |
| Ctrl+Shift+O | Organize imports – Evaluate all required imports and replace the current imports |
| Ctrl+F | Opens the find dialog |
| Ctrl+k/Ctrl+Shift+k | Find previous / next occurence of search item (close find window first) |
| F3 | Open declaration – Jump to declaration of selected class, method or parameter |
| Ctrl+M | Maximize active editor or view |
| Ctrl+Shift+F | Format source code |
| Ctrl+E | Show a list of open editors |
| Ctrl+F6 | Move between open editors – a slower alternative to Ctrl+E |
| Alt+< | Go to the previous opened editor. Cursor is placed where it was before you  opened the next editor |
| Alt+> | Similar Alt+< but opens the next editor |
| Ctrl+PageUp | Switch to previous opened editor |
| Ctrl+PageDown | Switch to next opened editor |

The master shortcut is **CTRL + 3**

Eclipse provides keyboard shortcuts for the most common actions. Using shortcuts is usually preferable as you can perform actions much faster. For eg; Here on typing CTL+3 , it opened up the dialog box and further typing ‘ui’ in the dialog box, it listed all the possible commands, menus ,preference, perspectives etc. Here wildcard search is also possible and it returns all possible output.

[](http://www.j2eebrain.com/wp-content/uploads/Eclipse-Shotcuts.png)Eclipse Shortcuts

**The below listed shortcuts can be used while doing coding in Eclipse IDE.**

* **Shift + F2**– Show the Javadoc for the selected type / class / method
* **Alt+Shift + N + Letter** – Type shortcut for the command, e.g. ALT + SHIFT +n+t to create new Task or ALT + SHIFT +n+s to create a new Source Folder
* **Alt + Shift + Z** – Surround block with try and catch
* **ALT + SHIFT + R** – Rename
* **CTRL+2, R**– Rename locally (in file), faster then ALT + SHIFT + R
* **ALT + SHIFT + T** – Opens the quick re-factoring menu

**The below listed shortcuts help you in navigation in Eclipse.**

* **CTRL + SHIFT + R**– Open / Search for resources, e.g. files
* **CTRL + SHIFT + T**– Open / Search for Types
* **CTRL + E**– Allows to select an editor from the currently open editors
* **CTRL + F8 –** Shortcut for switching perspectives
* **ALT + ← or ALT + →** – Go to previous/ next editor position in history
* **Ctrl-PageUp/PageDown**– Switch to previous/next editor
* **F3**– Go to the declaration of this variable
* **CTRL + SHIFT + P**– Go to the matching bracket

**The below listed shortcuts helps in performing Search operation in Eclipse IDE.**

* **Ctrl + .**– Go to the next problem / error
* **Ctrl + ,** – Go to the previous problem / error
* **F4 on a variable**– Show type hierarchy
* **CTRL + J,CTRL + K**– Incremental search, find next
* **CTRL + SHIFT + G**– Search for references in the workspace

**The below listed shortcuts helps to Run programs in Eclipse IDE.**

* **Ctrl + F11** – Run last launched
* **Alt + Shift + X – J**– Run current selected class as Java application

**The below listed shortcuts helps in handling the Editor of Eclipse IDE.**

* **CTRL + 1**– Quickfix; result depending on cursor position
* **CTRL + Space**-Content assist/ code completion
* **CTRL + T**– Show the inheritance tree of the current Java class
* **CTRL + O**– Show all methods of the current class, press CTRL + O again to show the inherited methods.
* **F12** – Focuses on the editor (especially helpful if you work with Fast Views).
* **Ctrl + M**– Maximize Java editor
* **CTRL + Shift + F**– Format source code
* **CTRL + Shift + O**– Organize the imports; will import the missing import statements.
* **CTRL + Q**– Go to position the cursor at the last changed position in the editor.

**The below listed shortcuts using Arrow keys help to perform the listed operations in Eclipse IDE.**

* **CTRL + Left –**Move one element to the left
* **CTRL + Right**– Move one element to the right
* **CTRL + ALT + Up/Down** – Copy line
* **ALT + Up / Down**– Move line up / down
* **ALT + SHIFT Up / Down**– Select the previous / next syntactical element
* **ALT + SHIFT Up / Down / Left / Right**– Extending / Reducing the selection of the previous / next syntactical element
* **CTRL + Up / Down** – Scroll up / down a line in the editor

**The below listed shortcuts using the listed keys help to perform various delete operations in Eclipse IDE.**

* **Ctrl + D**– Deletes line
* **CTRL + SHIFT + DEL**– Delete until end of line
* **CTRL + DEL**– Delete next element
* **CTRL + BACKSPACE**– Delete previous element

**The below listed shortcuts helps to do the variable assignment.**

* **Ctrl + 2 +**L – Assign statement to new local variable
* **Ctrl + 2 + F** – Assign statement to new field

**The below listed shortcuts helps to perform refactoring.**

* **Shift + F2**– Show the Javadoc for the selected type / class / method
* **Alt + Shift + Z**– Surround block with try and catch

sv

|  |  |  |
| --- | --- | --- |
| **NAVIGATION** | | |
| Ctrl-H | Search | When editing Java files this will open a Java search |
| Ctrl-Shift-T | Open type | Opens a dialog box for searching for class |
| Ctrl-Shift-R | Open resource | Opens a dialog box for searching for a file |
| Ctrl-Shift-G | Find references | Searches the workspace for references to the item under the cursor |
| Ctrl-G | Find declarations | Searches the workspace for declarations of to the item under the cursor |
| F3 | Open declaration | Navigates to the declaration of the item under the cursor |
| Ctrl-T | Pop-up type hierarchy | Pops up a window displaying the type hierarchy |
| Ctrl-O | Pop-up members | Pops up a searchable window displaying the members; pressing the key again toggles the display of inherited members |
| Alt-Left | Back |  |
| Alt-Right | Forward |  |
| Ctrl-PgUp | Switch to tab left |  |
| Ctrl-PgDown | Switch to tab right |  |
| Ctrl-Up | Scroll line up | Moves up the position of the file being edited |
| Ctrl-Down | Scroll line down | Moves down the position of the file being edited |
| Ctrl-M | Maximize active editor | Toggles the maximization of the current editor |
| Ctrl-W | Close active editor window |  |
|  |  |  |
| **CODING** | | |
| F2 | Show tooltip | Provides a tooltip for the item under the cursor |
| Ctrl-1 | Quick fix | Allows for automatic help while coding, such as adding an import, or delaration |
| Ctrl-Shift-O | Organize imports | Arranges imports based on the workspace configuration |
| Ctrl-I | Correct indentation | Corrects the indentation of the current line or selected text |
| Ctrl-Space | Content assist | Provides completion help while typing |
| Ctrl-D | Delete the current line |  |
|  |  |  |
| **REFACTORING** | | |
| Alt-Shift-R | Rename | Renames the item under the cursor, updating the references |
| Alt-Shift-L | Extract local variable | Extracts the expression under the cursor to a local variable and updates references to the same expression with that new variable |
|  |  |  |
| **DEBUGGING** | | |
| F5 | Step into |  |
| F6 | Step over |  |
| F7 | Step return | Also known as step out |
| F8 | Resume |  |
| Ctrl-R | Run to line |  |
| F11 | Debug last launched |  |
| Ctrl-Shift-B | Toggle line breakpoint | Toggles a breakpoint on the current line |

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**Eclipse Luna**

Eclipse has been a staple among Java developers for many years now, and my favorite all-time IDE (Integrated Development Environment). Shortcuts can make a developer’s life easier and more productive when you are working with any IDE. As you will see, Eclipse comes with a slew of shortcuts that is sure to to please any developer.  
You can download the PDF cheatsheet one-pager, but clicking here [Download PDF](https://avaldes.com/downloads/eclipse-cheatsheet.pdf?2d262d&2d262d)

**File**

|  |  |
| --- | --- |
| **Keyboard Shortcut** | **Description** |
| **Alt + Shift + N** | **Creates New Project, File, Class, etc** |
| **Ctrl + N** | **Creates New Project via Wizard** |
| **Ctrl + W** | **Close current file** |
| **Ctrl + S** | **Save current file** |
| **Ctrl + Shift + S** | **Save All files** |
| **F2** | **Rename** |
| **F5** | **Refresh content of resource** |
| **Ctrl + P** | **Print** |
| **Alt + Enter** | **Show Properties Dialog** |

**Edit**

|  |  |
| --- | --- |
| **Keyboard Shortcut** | **Description** |
| **Ctrl + Z** | **Undo** |
| **Ctrl + Y** | **Redo** |
| **Ctrl + X** | **Cut** |
| **Ctrl + C** | **Copy** |
| **Ctrl + V** | **Paste** |
| **Del** | **Delete current or selected text** |
| **Ctrl + A** | **Select All Text** |
| **Alt + Shift + Up** | **Expand selection to enclosing element** |
| **Alt + Shift + Right** | **Expand selection to next element** |
| **Alt + Shift + Left** | **Expand selection to previous element** |
| **Alt + Shift + Down** | **Restore last selection** |
| **F2** | **Show tooltip information** |
| **Ctrl + Space** | **Content Assistance** |
| **Alt + /** | **Word Completion (after typing at least one letter)** |
| **Ctrl + 1** | **Quick Fix** |

**Source**

|  |  |
| --- | --- |
| **Keyboard Shortcut** | **Description** |
| **Ctrl + /** | **Toggle Comments** |
| **Ctrl + Shift + /** | **Add Block Comment** |
| **Ctrl + Shift +** | **Remove Block Comment** |
| **Alt + Shift + J** | **Generate Element Comment** |
| **Ctrl + I** | **Correct Indentation** |
| **Ctrl + Shift + F** | **Format all code in editor** |
| **Ctrl + Shift + M** | **Add import statements** |
| **Ctrl + Shift + O** | **Organize all imports** |

**Navigate**

|  |  |
| --- | --- |
| **Keyboard Shortcut** | **Description** |
| **F3** | **Open Declaration** |
| **F4** | **Open Type Hierarchy** |
| **Ctrl + Alt + H** | **Open Call Hierarchy** |
| **Shift + F2** | **Open Attached Javadoc** |
| **Ctrl + Shift + T** | **Open Type** |
| **Ctrl + Shift + H** | **Open Type Hierarchy** |
| **Ctrl + F12** | **Open Task** |
| **Ctrl + F9** | **Activate Task** |
| **Ctrl + Shift + F9** | **Deactivate Task** |
| **Alt + Shift + B** | **Show in Breadcrumb** |
| **Ctrl + O** | **Quick Outline** |
| **Ctrl + T** | **Quick Type Hierarchy** |
| **Ctrl + .** | **Next Annotation** |
| **Ctrl + ,** | **Previous Annotation** |
| **Ctrl + Q** | **Last Edit Location** |
| **Ctrl + L** | **Go to Line** |
| **Ctrl + Shift + Down** | **Jump to previous method** |
| **Ctrl + Shift + Up** | **Jump to next method** |
| **Home** | **Jump to beginning of indentation. Hit Home again to jump to beginning of line** |
| **Ctrl + Home** | **Jump to beginning of source** |
| **Ctrl + End** | **Jump to end of source** |
| **Ctrl + Right** | **Jump one word to the right** |
| **Ctrl + Left** | **Jump one word to the left** |

**Search**

|  |  |
| --- | --- |
| **Keyboard Shortcut** | **Description** |
| **Ctrl + H** | **Search** |
| **Ctrl + Shift + L** | **Quick Search** |
| **Ctrl + F** | **Find/Replace Dialog** |
| **Ctrl + K** | **Find Next** |
| **Ctrl + Shift + K** | **Find Previous** |
| **Ctrl + J** | **Incremental Find Next** |
| **Ctrl + Shift + J** | **Incremental Find Previous** |
| **Ctrl + G** | **Find Declaration in Workspace** |
| **Ctrl + Alt + G** | **Find in Workspace** |
| **Ctrl + Shift + G** | **Find Reference in Workspace** |

**Build/Run/Debug**

|  |  |
| --- | --- |
| **Keyboard Shortcut** | **Description** |
| **Ctrl + B** | **Build Entire Project** |
| **F11** | **Debug** |
| **Ctrl + F11** | **Run** |
| **Ctrl + Shift + B** | **Toggle Breakpoint** |
| **F5** | **Step Into** |
| **Ctrl + F5** | **Step into selection** |
| **F6** | **Step Over** |
| **F7** | **Step Return** |
| **F8** | **Skip to next breakpoint** |
| **Ctrl + R** | **Run to line** |
| **Shift + F5** | **Use step filters** |

**Window**

|  |  |
| --- | --- |
| **Keyboard Shortcut** | **Description** |
| **Ctrl + Shift + –** | **Toggle Split Screen Editor (Horizontal)** |
| **Ctrl + Shift + {** | **Toggle Split Screen Editor (Vertical)** |
| **Alt + –** | **Show System Menu** |
| **Ctrl + 3** | **Quick Access** |
| **Ctrl + M** | **Toggle Active Window** |
| **F12** | **Activate Editor Window** |
| **Ctrl + F6** | **Next Editor (Vertical)** |
| **Ctrl + Shift + F6** | **Previous Editor** |
| **Ctrl + Shift + E** | **Switch to Editor** |
| **Ctrl + F7** | **Next View** |
| **Ctrl + Shift + F7** | **Previous View** |
| **Ctrl + F8** | **Next Perspective** |
| **Ctrl + Shift + F8** | **Previous Perspective** |

**View**

|  |  |
| --- | --- |
| **Keyboard Shortcut** | **Description** |
| **Alt + Shift + Q , C** | **Console** |
| **Alt + Shift + Q , D** | **Declaration** |
| **Alt + Shift + Q , L** | **Error Log** |
| **Alt + Shift + Q , J** | **JavaDoc** |
| **Alt + Shift + Q , O** | **Outline** |
| **Alt + Shift + Q , P** | **Package Explorer** |
| **Alt + Shift + Q , X** | **Problems** |
| **Alt + Shift + Q , S** | **Search** |
| **Alt + Shift + Q , K** | **Task List** |
| **Alt + Shift + Q , T** | **Type Hierarchy** |
| **Alt + Shift + Q , Q** | **Other Views** |