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| **1. Manage Files and Projects** | |
| Ctrl+N | Create new project using the Wizard |
| Ctrl+Alt+n | Create new project, file, class, etc. |
| Alt+f, then . | Open project, file, etc. |
| Ctrl+Shift+r | Open Ressource (file, folder or project) |
| Alt+Enter | Show and access file properties |
| Ctrl+s | Save current file |
| Ctrl+Shift+s | Save all files |
| Ctrl+w | Close current file |
| Ctrl+Shift+w | Close all files |
| F5 | Refresh content of selected element with local file system |

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| **minus2. Editor Window** | |
| Focus/ cursor must be in Editor Window for these to work. | |
| F12 | Jump to Editor Window |
| Ctrl+Page Down/Ctrl+Page Up | Switch to next editor / switch to previous editor |
| Ctrl+m | Maximize or un-maximize current Editor Window (also works for other Windows) |
| Ctrl+e | Show list of open Editors. Use arrow keys and enter to switch |
| Ctrl+F6/Ctrl+Shift+F6 | Show list of open Editors. Similar to ctrl+e but switches immediately upon release of ctrl |
| Alt+Arrow Left/Alt+Arrow Right | Go to previous / go to next Editor Window |
| Alt+- | Open Editor Window Option menu |
| Ctrl+F10 | Show view menu (features available on left vertical bar: breakpoints, bookmarks,  line numbers, …) |
| Ctrl+F10, then n | Show or hide line numbers |
| Ctrl+Shift+q | Show or hide the diff column on the left (indicates changes since last save) |

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| **minus3. Navigate in Editor** | |
| Home/End | Jump to beginning / jump to end of indention. Press home twice to jump to beginning   of line |
| Ctrl+Home/End | Jump to beginning / jump to end of source |
| Ctrl+Arrow Right/Arrow Left | Jump one word to the left / one word to the right |
| Ctrl+Shift+Arrow Down/Arrow Up | Jump to previous / jump to next method |
| Ctrl+l | Jump to Line Number. To hide/show line numbers, press ctrl+F10 and select 'Show Line Numbers' |
| Ctrl+q | Jump to last location edited |
| Ctrl+./Ctrl+, | Jump to next / jump to previous compiler syntax warning or error |
| Ctrl+Shift+p | With a bracket selected: jump to the matching closing or opening bracket |
| Ctrl+[+]/Ctrl+- on numeric keyboard | Collapse / Expand current method or class |
| Ctrl+[/]/Ctrl+\* on numeric keyboard | Collapse / Expand all methods or classes |
| Ctrl+Arrow Down/Ctrl+Arrow Up | Scroll Editor without changing cursor position |

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| **minus4. Select Text** | |
| Shift+Arrow Right/Arrow Left | Expand selection by one character to the left / to the right |
| Ctrl+Shift+Arrow Right/Arrow Left | Expand selection to next / previous word |
| Shift+Arrow Down/Arrow Up | Expand selection by one line down / one line up |
| Shift+End/Home | Expand selection to end / to beginning of line |
| Ctrl+a | Select all |
| Alt+Shift+Arrow Up | Expand selection to current element (e.g. current one-line expression or content  within brackets) |
| Alt+Shift+Arrow Left/Arrow Right | Expand selection to next / previous element |
| Alt+Shift+Arrow Down | Reduce previously expanded selection by one step |

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| **minus5. Edit Text** | |
| Ctrl+c/Ctrl+x/Ctrl+v | Cut, copy and paste |
| Ctrl+z | Undo last action |
| Ctrl+y | Redo last (undone) action |
| Ctrl+d | Delete Line |
| Alt+Arrow Up/Arrow Down | Move current line or selection up or down |
| Ctrl+Alt+Arrow Up /Ctrl+Alt+Arrow Down / | Duplicate current line or selection up or down |
| Ctrl+Delete | Delete next word |
| Ctrl+Backspace | Delete previous word |
| Shift+Enter | Enter line below current line |
| Shift+Ctrl+Enter | Enter line above current line |
| Insert | Switch between insert and overwrite mode |
| Shift+Ctrl+y | Change selection to all lower case |
| Shift+Ctrl+x | Change selection to all upper case |

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| **minus6. Search and Replace** | |
| Ctrl+f | Open find and replace dialog |
| Ctrl+k/Ctrl+Shift+k | Find previous / find next occurrence of search term (close find window first) |
| Ctrl+h | Search Workspace (Java Search, Task Search, and File Search) |
| Ctrl+j/Ctrl+Shift+j | Incremental search forward / backwards. Type search term after pressing ctrl+j,   there is now search window |
| Ctrl + Shift + o | Open a resource search dialog to find any class |

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| **minus7. Indentions and Comments** | |
| Tab/Shift+Tab | Increase / decrease indent of selected text |
| Ctrl+i | Correct indention of selected text or of current line |
| Ctrl+shift+f | Autoformat all code in Editor using code formatter |
| Ctrl+/ | Comment / uncomment line or selection ( adds '//' ) |
| Ctrl+Shift+/ | Add Block Comment around selection ( adds '/... \*/' ) |
| Ctrl+Shift+\ | Remove Block Comment |
| Alt+Shift+j | Add Element Comment ( adds '/\*\* ... \*/') |

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| **minus8. Editing Source Code** | |
| Ctrl+Space | Opens Content Assist (e.g. show available methods or field names) |
| Ctrl+1 | Open Quick Fix and Quick Assist |
| Alt+/ | Propose word completion (after typing at least one letter).  Repeatedly press alt+/until reaching correct name |
| Ctrl+Shift+Insert | Deactivate or activate Smart Insert Mode (automatic indention, automatic brackets, etc.) |

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| **minus9. Code Information** | |
| Ctrl+o | Show code outline / structure |
| F2 | Open class, method, or variable information (tooltip text) |
| F3 | Open Declaration: Jump to Declaration of selected class, method, or parameter |
| F4 | Open Type Hierarchy window for selected item |
| Ctrl+t | Show / open Quick Type Hierarchy for selected item |
| Ctrl+Shift+t | Open Type in Hierarchy |
| Ctrl+Alt+h | Open Call Hierarchy |
| Ctrl+u | Find occurrences of expression in current file |
| Ctrl+move over method | Open Declaration or Implementation |

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| **minus10. Refactoring** | |
| Alt+Shift+r | Rename selected element and all references |
| Alt+Shift+v | Move selected element to other class or file (With complete method or class selected) |
| Ctrl+Shift+c | Change method signature (with method name selected) |
| Alt+Shift+m | Extract selection to method |
| Alt+Shift+l | Extract local variable: Create and assigns a variable from a selected expression |
| Alt+Shift+i | Inline selected local variables, methods, or constants if possible (replaces variable with its declarations/ assignment and puts it directly into the statements) |

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| **minus11. Run and Debug** | |
| Ctrl+F11 | Save and launch application (run) |
| F11 | Debug |
| F5 | Step Into function |
| F6 | Next step (line by line) |
| F7 | Step out |
| F8 | Skip to next Breakpoint |

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| **minus12. The Rest** | |
| Ctrl+F7/Ctrl+Shift+F7 | Switch forward / backward between views (panels). Useful for switching back and   forth between Package Explorer and Editor. |
| Ctrl+F8/Ctrl+Shift+F8 | Switch forward / backward between perspectives |
| Ctrl+p | Print |
| F1 | Open Eclipse Help |

**Shortcuts:**  
  
  
**Ctrl+Shift+T**  
  
**Find Java Type**  
  
Start typing the name and the list gets smaller. Try typing the capital letters of the class only (e.g. type "CME" to find "ConcurrentModificationException")   
  
**Ctrl+Shift+R**  
  
**Find Resource**  
  
Use this to look for XML files, text files, or files of any other type. which are in your workspace.   
  
**Ctrl+E**  
  
**Open Editor Drop-Down**  
  
Presents a popup window listing currently opened files. Start typing to limit the list or simply use the down arrow key.   
  
**Ctrl+O**  
  
**Quick Outline**  
  
Use this to find a method or a member variable in a class. Start typing to limit the choices. Press Ctrl+O a second time to include inherited methods.   
  
**Ctrl+Space**  
  
**Content Assist**  
  
Context sensitive content completion suggestions while editing Java code.   
  
**Ctrl+Shift+Space**  
  
**Context Information**  
  
If typing a method call with several parameters use this to show the applicable parameter types. The current parameter where the cursor is will be shown in bold.   
  
**Ctrl+Shift+O**  
  
**Organize Imports**  
  
After typing a class name use this shortcut to insert an import statement. This works if multiple class names haven't been imported too.   
  
**F3**  
  
**Open Declaration**  
  
Drills down to the declaration of the type, method, or variable the cursor is on. This works much like a browser hyperlink.  
  
**Alt+Left**  
  
**Backward History**  
  
This works like a browser's Back button.  
  
**Alt+Right**  
  
**Forward History**  
  
This works like a browser's Forward button  
  
**Ctrl+L**  
  
**Go to Line**  
  
Go to a specific line number.  
  
**F4**  
  
**Open Type Hierarchy**  
  
Show the type hierarchy (downward tree) or the supertype hierarchy (upward tree).  
  
**Ctrl+Alt+H**  
  
**Open Call Hierarchy**  
  
Show where a method is called from. In the Call Hierarchy view keep expanding the tree to continue tracing the call chain.   
  
**Ctrl+H**  
  
**Open Search Dialog**  
  
Opens a search dialog with extensive search options for Java packages, types, methods, and fields.   
  
**Alt+Shift+R**  
  
**Rename - Refactoring**  
  
Use this to rename type, method, or field. All existing references will be refactored as well.  
  
**Alt+Shift+L**  
  
**Extract Local Variable**  
  
Use this to create a local variable from the selected expression. This is useful for breaking up larger expressions to avoid long lines.   
  
**Alt+Shift+M**  
  
**Extract Method**  
  
Use this to extract a new method from existing code. The parameter list and return type will be automatically created.  
  
**Alt+Shift+Up  
Alt+Shift+Down  
Alt+Shift+Left  
Alt+Shift+Right**  
  
**Select Enclosing Element / Restore Last Selection / Select Previous Element /  
Select Next Element**  
  
Useful for selecting context-sensitive blocks (e.g. surrounding loop, method, class, etc.)   
  
**Ctrl+Up  
Ctrl+Down**  
  
**Scroll Line Up / Scroll Line Down**  
  
Very handy if you want to scroll by 1 line without changing your cursor position or using the mouse.   
  
**Ctrl+Shift+U  
Alt+Shift+U**  
  
**Go to Previous Member / Go to Next Member**  
  
Great for stepping down through the methods of a Java source file.   
  
**Ctrl+Shift+U  
Alt+Shift+U**  
  
**Show Occurrences in File / Remove Occurrences Annotations**  
  
Use this to search within the same file - useful for occurrences of private fields and methods.  
  
**Ctrl+Shift+P**  
  
**Go to Matching Bracket**  
  
Helps to find the closing bracket of lengthly if-else statements.   
  
**Ctrl+J  
Ctrl+Shift+J**  
  
**Incremental Find / Reverse Incremental Find**  
  
The first matching occurrence is shown with each typed letter. Press again and the next matching occurrence is shown.   
  
**Shift+Enter  
Ctrl+Shift+Enter**  
  
**Insert Line Below / Insert Line Above**  
  
Insert a line above or below the current line.   
  
**Ctrl+/  
Ctrl+\**  
  
**Add Block Comment / Remove Block Comment**  
  
Comment in/out blocks of code with a key stroke.   
  
**Ctrl+M**  
  
**Maximize Active View or Editor**  
  
Maximize the current view or editor at the expense of all other currently shown views. Press again to restore to normal view.   
  
**Ctrl+F6  
Ctrl+F7  
Ctrl+F8**  
  
**Next Editor / Next View / Next Perspective**  
  
Learn these to switch among edited files, open views and perspectives.   
  
**Ctrl+Alt+Up  
Ctrl+Alt+Down**  
  
**Duplicate Lines / Copy Lines**  
  
Doesn't seem like it at first but a great shortcut once you learn to use it. Instead of select, copy and paste simply select and duplicate without affecting the clipboard.   
  
**Alt+/**  
  
**Word Completion**  
  
This is excellent for code editing or writing plain help files with variables and other words having no English language equivalents. The word completion is based on the set of words already present in the current file.   
  
**Ctrl+I**  
  
**Correct Indentation**  
  
Select a block of Java code or an entire class file and use this shortcut to correct its indentation.