

# Eclipse Shortcuts - Tutorial

Lars Vogel (c) 2009, 2017 vogella GmbH – Version 2.8, 25.04.2017

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*Eclipse Shortcuts. This article lists helpful Eclipse shortcuts.*



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## 1. Shortcuts

### 1.1. Using shortcuts in Eclipse

Using shortcuts make a developer more productive. Eclipse provides keyboard shortcuts for the most common actions. Using shortcuts is usually preferable as you can perform actions much faster.

Eclipse supports of course the typical shortcuts, e.g. `Ctrl + S` for saving, `Ctrl + C` for copying the selected text or file and `Ctrl + V` for pasting the element currently in the clipboard.

### 1.2. Shortcuts on Mac OS

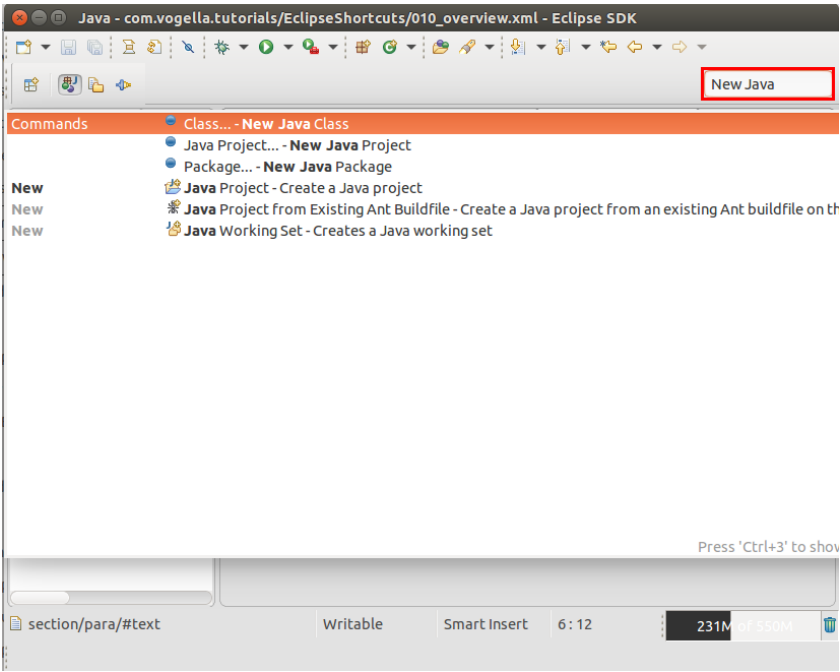
This description uses the shortcuts based on Windows and Linux. Mac OS uses the `Cmd` key frequently instead of the `Ctrl` key.

## 2. Quick Access

The `Ctrl + 3` shortcut allows you to perform all available actions in Eclipse. This shortcut puts the focus into the *Quick Access* (quick access) search box which allows you to execute any Eclipse command. For example you can open a *Preference*, a *Wizard*, a view and a *Preference* page.

You can also use *QuickAccess* to search for an opened editor by typing in the name of the resource which the editor shows.

The following screenshot shows how you the available commands in quick access for the "New Java" search term.



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## 3. Navigation and text selection

Table 1. Navigation

Shortcut	Description
<code>Ctrl + Shift + R</code>	Search dialog for resources, e.g., text files
<code>Ctrl + Shift + T</code>	Search dialog for Java Types
<code>Ctrl + F8</code>	Shortcut for switching perspectives

Table 2. Navigation between editors

Shortcut	Description

Currently Open Editors	
<b>Alt</b> + <b>←</b>	Go to previous opened editor. Cursor is placed where it was before you opened the next editor
<b>Alt</b> + <b>→</b>	Similar Alt + ← but opens the next editor
<b>Ctrl</b> + <b>Q</b>	Go to editor and the position in this editor where the last edit was done
<b>Ctrl</b> + <b>PageUp</b>	Switch to previous opened editor
<b>Ctrl</b> + <b>PageDown</b>	Switch to next opened editor

Table 3. Navigation between views

Shortcut	Description
<b>Ctrl</b> + <b>F7</b>	Shortcut for switching views. Choose the view to switch to with your mouse or cycle through the entries with repeating the keystroke
<b>Shift</b> + <b>Alt</b> + <b>Q</b>	Open menu for switch view keybindings
<b>Shift</b> + <b>Alt</b> + <b>Q</b> + <b>P</b>	Show package explorer
<b>Shift</b> + <b>Alt</b> + <b>Q</b> + <b>C</b>	Show console

## 4. Start Java programs

Table 4. Running programs

Shortcut	Description
<b>Ctrl</b> + <b>F11</b>	Run last launched
<b>F11</b>	Run last launched in debug mode
<b>Ctrl</b> + <b>Alt</b> + <b>B</b>	Skip all breakpoints. Let's you use debug mode for code reloading
<b>Alt</b> + <b>Shift</b> + <b>X</b> + <b>J</b>	Run current selected class as Java application
<b>Alt</b> + <b>Shift</b> + <b>X</b> + <b>T</b>	Run JUnit test
<b>Alt</b> + <b>Shift</b> + <b>X</b> + <b>P</b>	Run JUnit Plug-in test

## 5. Editing in the Java editor

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Shortcut	Description
<b>Shift</b> + <b>Alt</b> + <b>↑</b>	Selects enclosing elements.,result depending on cursor position

*Table 6. Handling the editor*

Shortcut	Description
<b>Ctrl</b> + <b>1</b>	Quickfix; result depending on cursor position
<b>Ctrl</b> + <b>Space</b>	Content assist/ code completion
<b>Ctrl</b> + <b>T</b>	Show the inheritance tree of the current Java class or method.
<b>Ctrl</b> + <b>O</b>	Show all methods of the current class, press <b>Ctrl</b> + <b>O</b> again to show the inherited methods.
<b>Ctrl</b> + <b>M</b>	Maximize active editor or view
<b>Ctrl</b> + <b>Shift</b> + <b>F</b>	Format source code
<b>Ctrl</b> + <b>I</b>	Correct indentation, e.g., format tabs/whitespaces in code
<b>Ctrl</b> + <b>F</b>	Opens the find dialog
<b>Shift</b> + <b>Enter</b>	Adds a link break at the end of the line
<b>Ctrl</b> + <b>Shift</b> + <b>O</b>	Organize the imports; adds missing import statements and removes unused ones
<b>Alt</b> + <b>Shift</b> + <b>Z</b>	Wrap the select block of code into a block, e.g. try/catch.

*Table 7. Cursor navigation and text selection*

Shortcut	Description
<b>Ctrl</b> + <b>←</b> OR <b>Ctrl</b> + <b>→</b>	Move one text element in the editor to the left or right
<b>Ctrl</b> + <b>↑</b> OR <b>Ctrl</b> + <b>↓</b>	Scroll up / down a line in the editor
<b>Ctrl</b> + <b>Shift</b> + <b>P</b>	Go to the matching bracket
<b>Shift</b> + <b>Cursor movement</b>	Select text from the starting position of the cursor
<b>Alt</b> + <b>Shift</b> <b>↑</b> / <b>↓</b>	Select the previous / next syntactical element

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<div>Alt +</div> <div>Shift ↑ / ↓ / ← / →</div>	Extending / reducing the selection of the previous / next syntactical element
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*Table 8. Copy and move lines*

Shortcut	Description
Ctrl + Alt + ↓	Copy current line below the line in which the cursor is placed
Ctrl + Alt + ↑	Copy current line above the line in which the cursor is placed
Alt + Up	Move line one line up
Alt + Down	Move line one line down

*Table 9. Delete*

Shortcut	Description
Ctrl + D	Deletes line
Ctrl + Shift + DEL	Delete until end of line
Ctrl + DEL	Delete next element
Ctrl + BACKSPACE	Delete previous element

*Table 10. Create new lines*

Shortcut	Description
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

*Table 11. Variable assignment*

Shortcut	Description
Ctrl + 2 + L	Assign statement to new local variable
Ctrl + 2 + F	Assign statement to new field

## 6. Coding

*Table 12. Coding*

Shortcut	Description

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Class / Method	
<div>Alt + Shift + N</div>	Shortcut for the menu to create new objects
<div>Alt + Shift + Z</div>	Surround block with try and catch

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## 7. Refactoring

Table 13. Refactoring

Shortcut	Description
<div>Alt + Shift + R</div>	Rename
<div>Ctrl + 2 + R</div>	Rename locally (in file), faster than Alt + Shift + R
<div>Alt + Shift + T</div>	Opens the context-sensitive refactoring menu, e.g., displays

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## 8. Minimum

The following shortcuts are the absolute minimum a developer should be familiar with to work efficient in Eclipse.

Table 14. Must known shortcuts

Shortcut	Description
<div>Ctrl + S</div>	Saves current editor
<div>Ctrl + 1</div>	Quickfix; shows potential fixes for warnings, errors or shows possible actions
<div>Ctrl + Space</div>	Content assist/ code completion
<div>Ctrl + Q</div>	Goes to the last edited position
<div>Ctrl + D</div>	Deletes current line in the editor
<div>Ctrl + Shift + O</div>	Adjusts the imports statements in the current Java source file
<div>Ctrl + 2 + L or F</div>	Assign statement to new local variable or field
<div>Ctrl + Shift + T</div>	Open Type Dialog
<div>Ctrl + O</div>	Shows quick outline of a class
<div>Ctrl + F11</div>	Run last launched application

<div>Shift + F10</div>	Opens context menu. Keyboard equivalent to Mouse2
<div>Ctrl + F10</div>	Opens view menu for current view.

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