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Keyboard shortcuts

Android Studio includes keyboard shortcuts for many common actions. Table 1 shows the default keyboard shortcuts by operating system. Keep in mind, because Android Studio is based on IntelliJ IDEA, you can find additional shortcuts in the [IntelliJ IDEA keymap reference documentation](https://resources.jetbrains.com/storage/products/intellij-idea/docs/IntelliJIDEA_ReferenceCard.pdf) (https://resources.jetbrains.com/storage/products/intellij-idea/docs/IntelliJIDEA_ReferenceCard.pdf).

Note: In addition to the default keymaps in table 1 below, you can select from a number of preset keymaps or create a custom keymap. For more about customizing your keyboard shortcuts, see [Configure Custom Keymaps](#) (#custom), below.

Table 1. Default keyboard shortcuts for Windows/Linux and Mac operating systems.

Description	Windows/Linux	Mac
General		
Save all	Control+S	Command+S
Synchronize	Control+Alt+Y	Command+Option+Y
Maximize/minimize editor	Control+Shift+F12	Control+Command+F12
Add to favorites	Alt+Shift+F	Option+Shift+F
Inspect current file with current profile	Alt+Shift+I	Option+Shift+I
Quick switch scheme	Control+` (backquote)	Control+` (backquote)
Open settings dialogue	Control+Alt+S	Command+, (comma)
Open project structure dialog	Control+Alt+Shift+S	Command+; (semicolon)
Switch between tabs and tool window	Control+Tab	Control+Tab
Navigating and searching within Studio		
Search everything (including code and menus)	Press Shift twice	Press Shift twice

Find	Control+F	Command+F
Find next	F3	Command+G
Find previous	Shift+F3	Command+Shift+G
Replace	Control+R	Command+R
Find action	Control+Shift+A	Command+Shift+A
Search by symbol name	Control+Alt+Shift+N	Command+Option+O
Find class	Control+N	Command+O
Find file (instead of class)	Control+Shift+N	Command+Shift+O
Find in path	Control+Shift+F	Command+Shift+F
Open file structure pop-up	Control+F12	Command+F12
Navigate between open editor tabs	Alt+Right Arrow or Left Arrow	Control+Right Arrow or Control+Left Arrow
Jump to source	F4 or Control+Enter	F4 or Command+Down Arrow
Open current editor tab in new window	Shift+F4	Shift+F4
Recently opened files pop-up	Control+E	Command+E
Recently edited files pop-up	Control+Shift+E	Command+Shift+E
Go to last edit location	Control+Shift+Backspace	Command+Shift+Delete
Close active editor tab	Control+F4	Command+W
Return to editor window from a tool window	Esc	Esc
Hide active or last active tool window	Shift+Esc	Shift+Esc
Go to line	Control+G	Command+L
Open type hierarchy	Control+H	Control+H
Open method hierarchy	Control+Shift+H	Command+Shift+H
Open call hierarchy	Control+Alt+H	Control+Option+H

Viewing layouts

Zoom in/out	Control+plus or Control+minus	Command+plus or Command+minus
Fit to screen	Control+0	Command+0
Actual size	Control+Shift+1	Command+Shift+1

Design tools: Layout Editor

Toggle between Design and Blueprint modes	B	B
Toggle between Portrait and Landscape modes	O	O
Toggle devices	D	D
Force refresh	R	R
Toggle render errors panel	E	E
Delete constraints	Delete or Control+click	Delete or Command+click
Zoom in	Control+plus	Command+plus
Zoom out	Control+minus	Command+minus
Zoom to fit	Control+0	Command+0
Pan	Hold Space+click and drag	Hold Space+click and drag
Go to XML	Control+B	Command+B
Select all components	Control+A	Command+A
Select multiple components	Shift+click or Control+click	Shift+click or Command+click

Design tools: Navigation Editor

Zoom in	Control+plus	Command+plus
Zoom out	Control+minus	Command+minus
Zoom to fit	Control+0	Command+0
Pan	Hold Space+click and drag	Hold Space+click and drag
Go to XML	Control+B	Command+B
Toggle render errors panel	E	E

Group into nested graph	Control+G	Command+G
Cycle through destinations	Tab or Shift+Tab	Tab or Shift+Tab
Select all destinations	Control+A	Command+A
Select multiple destinations	Shift+click or Control+click	Shift+click or Command+click

Writing code

Generate code (getters, setters, constructors, hashCode/equals, toString, new file, new class)	Alt+Insert	Command+N
Override methods	Control+O	Control+O
Implement methods	Control+I	Control+I
Surround with (if...else / try...catch / etc.)	Control+Alt+T	Command+Option+T
Delete line at caret	Control+Y	Command+Delete
Collapse/expand current code block	Control+minus or Control+plus	Command+minus or Command+plus
Collapse/expand all code blocks	Control+Shift+minus or Control+Shift+plus	Command+Shift+minus or Command+Shift+plus
Duplicate current line or selection	Control+D	Command+D
Basic code completion	Control+Space	Control+Space
Smart code completion (filters the list of methods and variables by expected type)	Control+Shift+Space	Control+Shift+Space
Complete statement	Control+Shift+Enter	Command+Shift+Enter
Quick documentation lookup	Control+Q	Control+J
Show parameters for selected method	Control+P	Command+P
Go to declaration (directly)	Control+B or Control+click	Command+B or Command+click
Go to implementations	Control+Alt+B	Command+Option+B
Go to super-method/super-class	Control+U	Command+U
Open quick definition lookup	Control+Shift+I	Command+Y
Toggle project tool window visibility	Alt+1	Command+1

Toggle bookmark	F11	F3
Toggle bookmark with mnemonic	Control+F11	Option+F3
Comment/uncomment with line comment	Control+ /	Command+ /
Comment/uncomment with block comment	Control+Shift+ /	Command+Shift+ /
Select successively increasing code blocks	Control+W	Option+Up
Decrease current selection to previous state	Control+Shift+W	Option+Down
Move to code block start	Control+[Option+Command+[
Move to code block end	Control+]	Option+Command+]
Select to the code block start	Control+Shift+[Option+Command+Shift+[
Select to the code block end	Control+Shift+]	Option+Command+Shift+]
Delete to end of word	Control+Delete	Option+Delete
Delete to start of word	Control+Backspace	Option+Delete
Optimize imports	Control+Alt+0	Control+Option+0
Project quick fix (show intention actions and quick fixes)	Alt+Enter	Option+Enter
Reformat code	Control+Alt+L	Command+Option+L
Auto-indent lines	Control+Alt+I	Control+Option+I
Indent/unindent lines	Tab or Shift+Tab	Tab or Shift+Tab
Smart line join	Control+Shift+J	Control+Shift+J
Smart line split	Control+Enter	Command+Enter
Start new line	Shift+Enter	Shift+Enter
Next/previous highlighted error	F2 or Shift+F2	F2 or Shift+F2
Build and run		
Build	Control+F9	Command+F9
Build and run	Shift+F10	Control+R

Apply Changes and Restart Activity	Control+F10	Control+Command+R
Apply Code Changes	Control+Alt+F10	Control+Shift+Command+R

Debugging

Debug	Shift+F9	Control+D
Step over	F8	F8
Step into	F7	F7
Smart step into	Shift+F7	Shift+F7
Step out	Shift+F8	Shift+F8
Run to cursor	Alt+F9	Option+F9
Evaluate expression	Alt+F8	Option+F8
Resume program	F9	Command+Option+R
Toggle breakpoint	Control+F8	Command+F8
View breakpoints	Control+Shift+F8	Command+Shift+F8

Refactoring

Copy	F5	F5
Move	F6	F6
Safe delete	Alt+Delete	Command+Delete
Rename	Shift+F6	Shift+F6
Change signature	Control+F6	Command+F6
Inline	Control+Alt+N	Command+Option+N
Extract method	Control+Alt+M	Command+Option+M
Extract variable	Control+Alt+V	Command+Option+V
Extract field	Control+Alt+F	Command+Option+F
Extract constant	Control+Alt+C	Command+Option+C
Extract parameter	Control+Alt+P	Command+Option+P

Version control / local history

Commit project to VCS	Control+K	Command+K
Update project from VCS	Control+T	Command+T
View recent changes	Alt+Shift+C	Option+Shift+C
Open VCS popup	Alt+` (backquote)	Control+V

Configure custom keymaps

You can choose from a number of preset keymaps or modify a preset keymap to create a new custom keymap in the keymap settings for Android Studio.

To open the keymap settings, choose **File > Settings** (on Mac, **Android Studio > Preferences**) and navigate to the **Keymap** pane.

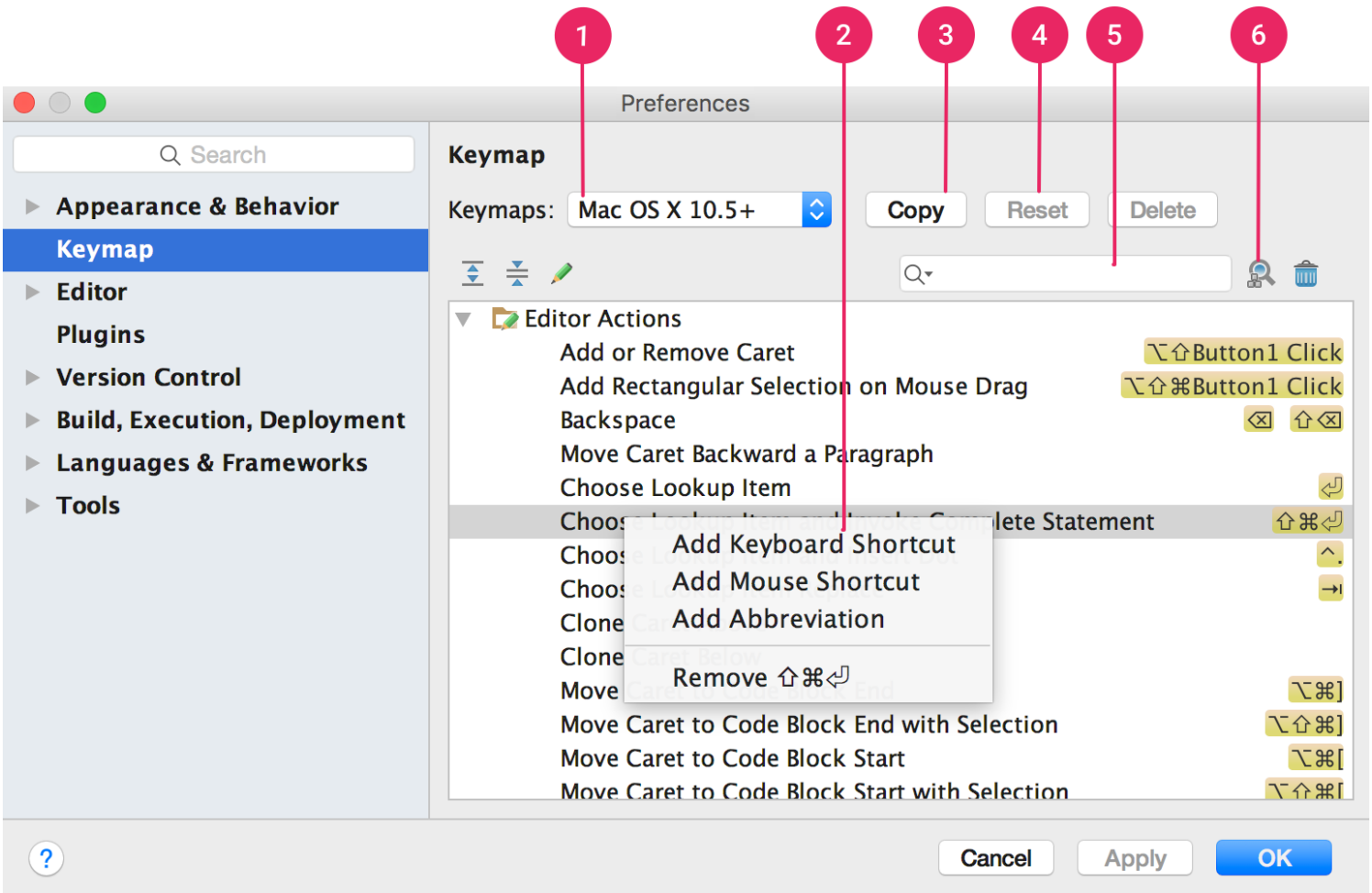


Figure 1. The Android Studio keymap settings window.

- 1 **Keymaps dropdown:** Select the desired keymap from this menu to switch between preset keymaps.
- 2 **Actions list:** Right click on an action to modify it. You can add additional keyboard shortcuts for the action, add mouse shortcuts to associate an action with a mouse click, or remove current shortcuts. If you are using a preset keymap, modifying an action's shortcuts will automatically create a copy of the keymap and add your modifications to the copy.
- 3 **Copy button:** Select a keymap from the dropdown menu to use as a starting point, and click **Copy** to create a new custom keymap. You can modify the keymap name and shortcuts.
- 4 **Reset button:** Select a keymap from the dropdown menu and click **Reset** to revert it to its original configuration.
- 5 **Search box:** Type here to search for a keyboard shortcut by the action name.
- 6 **Search by Shortcut:** Click **Find Actions by Shortcut** and type a shortcut to search for actions by shortcut.

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