# Android Studio Linux / Windows shortcuts

**START HERE**

Shift › Shift
Search everything

Ctrl + Shift + A
Find action

Alt + Enter
Quick fix / intention

Shift + F10
Build and run

Ctrl + N
Find class

Ctrl + B
Go to declaration

Shift + F6
Rename

Alt + 6
Logcat

**Window** one project
**Tool windows** Project, Logcat, Run, Debug
**Editor** tabs; Esc returns here

## CONCEPTS

Press Shift twice or Ctrl+Shift+A when you forget a key: both find any action or setting.

Keys shown are the default Linux/Windows keymap. On macOS Ctrl is mostly Cmd and Alt is Option; Run is Ctrl+R and Debug is Ctrl+D there. Linux desktops may grab some Ctrl+Alt keys.

Esc jumps back from a tool window to the editor; Shift+Esc hides it.

## SEARCH AND NAVIGATE

Shift › Shift
Search everywhere

Ctrl + Shift + A
Find action by name

Ctrl + N Go to class

Ctrl + Shift + N Go to file

Ctrl + Alt + Shift + N
Go to symbol

Ctrl + Shift + F Find in path

Ctrl + F / F3 / Shift + F3
Find, next, previous

Ctrl + R Replace in file

Ctrl + E Recent files

Ctrl + Shift + E
Recently edited files

Ctrl + Shift + Backspace
Go to last edit location

Ctrl + G Go to line

Ctrl + F12 File structure

Alt + Right / Alt + Left
Next or previous editor tab

Ctrl + F4 Close editor tab

Shift + F4
Open tab in new window

F4 / Ctrl + Enter
Jump to source

Ctrl + H Type hierarchy

Ctrl + Shift + H
Method hierarchy

Ctrl + Alt + H Call hierarchy

F11 Toggle bookmark

F2 / Shift + F2
Next or previous error

## TOOL WINDOWS

Alt + 1 Project window

Alt + 6 Logcat

Alt + 9 Version Control

Esc Back to editor

Shift + Esc
Hide active tool window

Ctrl + Shift + F12
Hide all tool windows

Ctrl + Tab
Switch tabs and tool windows

Ctrl + Alt + S Settings

Ctrl + Alt + Shift + S
Project structure

Ctrl + Alt + Y
Sync project with Gradle

## EDIT CODE

Ctrl + Space
Basic completion
*Press twice for private and non-imported members*

Ctrl + Shift + Space
Smart completion
*Press twice to include chains*

Ctrl + Shift + Enter
Complete statement

Alt + Enter
Quick fix / intention

Alt + Insert
Generate code or new file

Ctrl + Alt + L Reformat code

Ctrl + Alt + O
Optimize imports

Ctrl + / Line comment

Ctrl + Shift + /
Block comment

Ctrl + D
Duplicate line or selection

Ctrl + Y Delete line

Ctrl + W / Ctrl + Shift + W
Grow or shrink selection

Ctrl + O Override methods

Ctrl + I Implement methods

Ctrl + Alt + T Surround with

Ctrl + Q
Quick documentation

Ctrl + P Parameter info

Ctrl + Shift + I
Quick definition

## EDIT CODE (cont.)

Ctrl + B Go to declaration

Ctrl + Alt + B
Go to implementations

Ctrl + U Go to super method

Ctrl + NumpadMinus / Ctrl + NumpadPlus
Collapse or expand block

Ctrl + Shift + NumpadMinus / Ctrl + Shift + NumpadPlus
Collapse or expand all

Ctrl + [ / Ctrl + ]
Jump to block start or end

Ctrl + Delete / Ctrl + Backspace
Delete to word end or start

Tab / Shift + Tab
Indent or unindent

Ctrl + Alt + I
Auto-indent lines

Ctrl + Shift + J
Smart line join

Ctrl + Enter Smart line split

Shift + Enter Start new line

## REFACTOR

Shift + F6 Rename

Ctrl + Alt + M
Extract method

Ctrl + Alt + V
Extract variable

Ctrl + Alt + F Extract field

Ctrl + Alt + C
Extract constant

Ctrl + Alt + P
Extract parameter

Ctrl + Alt + N Inline

Ctrl + F6 Change signature

F6 Move

F5 Copy

Alt + Delete Safe delete

## RUN AND DEBUG

Shift + F10 Build and run

Shift + F9 Debug

Ctrl + F9 Build project

Ctrl + F10
Apply changes, restart activity

## RUN AND DEBUG (cont.)

Ctrl + Alt + F10
Apply code changes

Ctrl + F8 Toggle breakpoint

Ctrl + Shift + F8
View breakpoints

F8 Step over

F7 Step into

Shift + F7 Smart step into

Shift + F8 Step out

F9 Resume program

Alt + F9 Run to cursor

Alt + F8 Evaluate expression

## VERSION CONTROL

Ctrl + K Commit project

Ctrl + T
Update project from VCS

Alt + `
VCS operations popup

## LAYOUT AND DESIGN EDITOR

B Design or Blueprint mode

## RECIPES

**Fix a crash from Logcat**

```
# Alt+6   open Logcat, filter by package
# click the stack trace link (jumps to source)
# Ctrl+F8  breakpoint on that line
# Shift+F9  debug; F8 / F7 to step
# Alt+F8   evaluate expression
```

**Add a field from a constructor argument**

```
# put caret on the unused parameter
# Alt+Enter   pick Create field
# Ctrl+Alt+L  reformat
# Ctrl+Alt+O  optimize imports
```

**Safe rename and review**

```
# Shift+F6   rename symbol
# Ctrl+Shift+F  find leftover text uses
# Ctrl+K   commit with diff review
```

**Swap a quick edit onto the device**

```
# edit a layout or function body
# Ctrl+Alt+F10  apply code changes
# Ctrl+F10      restart activity if needed
# Shift+F10     full rerun as fallback
```