

Efficiency with Android Studio

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Android Studio is built on top of [IntelliJ](#), a popular IDE created by JetBrains (the same company that created Kotlin!). Most of the tips described here **should** work on other IntelliJ-based applications such as PyCharm, RubyMine, etc.

The key idea to improve efficiency is to **avoid using your mouse**. Instead, use keyboard shortcuts to make precise changes that can be easily repeated.

Android Studio Navigation

| Description | Windows/Linux | Mac |
|--------------------------------|------------------------|------------------------|
| Search everywhere | Shift Shift | Shift Shift |
| Open tool window | Control+# | Command+# |
| Close tool window | Shift Escape | Shift Escape |
| Open file | Control+Shift+N | Command+Shift+O |
| Jump to declaration | Control+B | Command+B |
| Find usages | Alt+F7 | Option+F7 |
| Recent files | Control+E | Command+E |
| Navigate to place of last edit | Control+[or Control+] | Command+[or Command+] |

Code Editing

| Description | Windows/Linux | Mac |
|-----------------------------|-------------------------------------|-------------------------------------|
| Project quick fix | Alt+Enter | Option+Enter |
| Reformat code | Control+Alt+L | Command+Option+L |
| Comment/uncomment | Control+/ | Command+/ |
| Move code block up/down | Control+Shift+Up/Down | Command+Shift+Up/Down |
| Autocomplete | Tab for replacement, enter for full | Tab for replacement, enter for full |
| Select multiple occurrences | Alt+J | Control+G |
| Rename | Shift+F6 | Shift+F6 |
| Clipboard History | Control+Shift+V | Command+Shift+V |

Code Editing (Advanced)

| Description | Windows/Linux | Mac |
|--|---------------------|---------------------|
| Optimize imports | Control+Alt+O | Control+Option+O |
| Delete whole line | Control+Y | Command+Backspace |
| Show toolbar hint about params for a method call | Control+P | Command+P |
| Duplicate line/selection | Control+D | Command+D |
| Complete statement | Control+Shift+Enter | Command+Shift+Enter |
| Live templates | Toast, postfix, ... | Toast, postfix, ... |

Other resources:

- Android developers reference:
<https://developer.android.com/studio/intro/keyboard-shortcuts>
- Coding in Flow playlist:
<https://www.youtube.com/watch?v=DLA-QWb8d-0&list=PLrnPJCHvNZuCmNI3IQLu1tw8T-ZDqMEQ3&index=1>