# Keyboard Shortcuts

## Foreword

This document contains useful keyboard shortcuts for different operating systems and IDEs. We use the following symbols:

| Symbol | Common Name |
| --- | --- |
| ⇧ | Shift |
| ⌥ | Option (or Alt) |
| ⌘ | Command (or Cmd) |
| ↵ | (Carriage) Return |

The sections labeled with the star symbol (“\*”) work generally everywhere, beyond your IDE.

More advanced shortcuts may be available to your particular IDE:

* For Visual Studio for Windows, refer to [the documentation](https://docs.microsoft.com/en-us/visualstudio/ide/default-keyboard-shortcuts-in-visual-studio?view=vs-2019),
* For Visual Studio for MacOS, refer to [the documentation](https://docs.microsoft.com/en-us/visualstudio/mac/keyboard-shortcuts?view=vsmac-2019)
* For Rider, refer to [the documentation](https://www.jetbrains.com/help/rider/mastering_keyboard_shortcuts.html),
* For MonoDevelop, you can refer to [this cheatsheet](https://shortcutworld.com/Xamarin-Studio/win/Xamarin-Studio-(MonoDevelop)_Shortcuts) or directly access [the key binding panel](https://mhut.ch/journal/2011/02/05/monodevelop-tips-key-bindings).

## Useful Shortcuts

### Build solution

| OS | Keys |
| --- | --- |
| Linux | Ctrl + ⇧ + B |
| MacOS | ⌘ + B |
| Windows | Ctrl + ⇧ + B |

### Exit any program\*

| OS | Keys |
| --- | --- |
| Linux | Alt + F4 or Ctrl + q |
| MacOS | ⌘ + q |
| Windows | Alt + F4 |

### Redo\*

| OS | Keys |
| --- | --- |
| Linux | Ctrl + y |
| MacOS | ⌘ + y |
| Windows | Ctrl + y |

### Run/execute program

| OS | Keys |
| --- | --- |
| Linux | Ctrl + F5 |
| MacOS | F5 -or- ⌥ + ⌘ + ↵ |
| Windows | Ctrl + F5 |

### Save\*

| OS | Keys |
| --- | --- |
| Linux | Ctrl + s |
| MacOS | ⌘ + s |
| Windows | Ctrl + s |

### Save All\*

| OS | Keys |
| --- | --- |
| Linux | Ctrl + ⇧ + s |
| MacOS | ⌘ + ⇧ + s |
| Windows | Ctrl + ⇧ + s |

### Undo\*

| OS | Keys |
| --- | --- |
| Linux | Ctrl + z |
| MacOS | ⌘ + z |
| Windows | Ctrl + z |

### Comment Code Selection

| OS | Keys |
| --- | --- |
| Linux | Ctrl + k + c |
| MacOS | ⌘ + k + c |
| Windows | Ctrl + k + c |

### Uncomment Code Selection

| OS | Keys |
| --- | --- |
| Linux | Ctrl + k + u |
| MacOS | ⌘ + k + u |
| Windows | Ctrl + k + u |