# Windows 10

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Windows** | | | | |
| Programm als Administrator öffnen | | Win, Programmname eingeben, Ctrl+Shift+Return | | |
| Sprache wechseln | | Win+Space / [Alt+Shift (deaktiviert)] | | |
| Tastaturlayout wechseln | | Strg+Shift | | |
| Grafiktreiber neu laden | | Win+Ctrl+Shift+B | | |
| **Desktops** | | | | |
| Neuer Desktop / Desktop schließen | | Win+Strg+D / Win+Strg+F4 | | |
| Vorheriger/Nächster Desktop | | Win+Strg+←/→ | | |
| Größe vom Startmenü verändern | | Win, Strg+←/→/↑/↓ | | |
| Multitaskingansicht (Desktops, Programme, Historie) | | Win+Tab | | |
| Alle offenen Programme dauerhaft sehen | | Strg+Alt+Tab | | |
| **Tools** | | | | |
| Cortana Spracheingabe/Tastatureingabe | | Win+Q / Win+S | | |
| Info-Center (a.k.a „**A**ction Center“) | | Win+A | | |
| Alles **M**inimieren / Minimierung Wiederherstellen | | Win+M / Win+Shift+M | | |
| **D**esktop | | Win+D | | |
| Sprachausgabe | | Win+Enter / Win+Return | | |
| Geräte (Wiedergeben, Drucken, Projizieren) | | Win+K | | |
| **P**rojektion | | Win+P | | |
| Aero-Peak | Win+, | Emojis | | Win+. |
| Durch **T**askleiste wechseln | Win+T | Systray | | Win+B |
| Automatische Drehung Ein/Aus | Win+O | Einstellungen | | Win+I |
| **E**xplorer | Win+E | Ausführen (**R**un) | | Win+R |
| Sperren (**L**ock) | Win+L | System-Infos | | Win+Pause |
| **N**otiz (OneNote) | Win+N | **W**indows Ink | | Win+W |
| Erleichterte Bedienung (**U**sage) | Win+U | Bildschirmlupe | | Win++ |
| **G**ame Center | Win+G |  | |  |
| **Start Kontextmenü: Win+X (oder Rechtsklick Start)** | | | | |
| **R**uhezustand | R, R, Return | Netz**w**erkverbindungen | | W |
| Apps & **F**eatures | F | E**i**ngabeaufforderung | | I |
| E**n**ergieoptionen | N | Eingabeauff. (**A**dmin) | | A |
| **E**reignisanzeige | E | Datenträger**v**erwaltung | | V |
| S**y**stem | Y | **C**omputerverwaltung | | C |
| **G**erätemanager | G | **M**obilitätscenter | | M |
| **Eingabeaufforderung (cmd)** | | | | |
| **M**arkieren Modus | | Strg+M | | |
| Markieren Modus beenden | | Esc | | |
| Markieren | | Shift+Pfeil | | |
| Markieren im Blockmodus | | Shift+Alt+←/→/↑/↓ / Alt+Maus | | |
| Alles markieren / Kopieren / Einfügen | | Strg+A / C / V | | |
| In der Eingabeaufforderung suchen | | Strg+F | | |
| In der Eingabeaufforderung scrollen | | Strg+↑/↓/Bild ↑/Bild ↓ | | |
| History | | F7 | | |
| **Explorer** | | | | |
| Extragr./große/mittelgr./kleine Symbole/Liste/Details/Kacheln/Inhalt | | | Strg+Shift+#[1-8] | |
| **A**nsicht > **L**ayout (Details, Liste, …) | | Alt+A, L | | |
| Ordner nach oben | | Alt+↑ | | |
| Eigenschaften | | Alt+1 / Alt+Return | | |
| Neuer Ordner | | Alt+2 / Strg+Shift+N | | |
| Gehe zur Adressleiste | | Strg+L / Alt+E | | |
| Eingabeaufforderung hier | | Alt+D, E / Strg+L, cmd, return | | |
| Powershell hier | | Alt+D, P / Strg+L, powershell, return | | |
| Ribbon anzeigen/ausblenden | | Strg+F1 | | |
| **Screenshot** | | | | |
| Gewählter Ausschnitt | | Win+Shift+S | | |
| Alle Bildschirme | Druck | Aktuelles Fenster | Alt+Druck | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Taskleiste** | | | |
| App starten / wählen | Win+#[1-0] / Klick | App als Admin starten | Strg+Shift+Win+#[1-0] / Strg+Shift+Klick |
| Neue App starten | Shift+Win+#[1-0] / Shift+Klick | Jumplist anzeigen | Alt+Win+#[1-0] / Rechtsklick |
| **Touchgesten** | | | |
| Zoom | Two finger pinch | Scrollen | Zwei Finger ziehen |
| Multitaskingansicht | Drei/vier Finger nach oben | Desktop anzeigen | Drei/vier Finger nach unten |
| App wechseln | Drei Finger links/rechts | Desktop wechseln | Vier Finger links/rechts |
| Wiedergabe/Pause | Drei Finger tippen | Info-Center | Vier Finger tippen |
| **Fenster** | | | |
| Win+Shift+↑ | Fenster in Länge maximieren |  |  |

## Special directories

|  |  |
| --- | --- |
| Win+R, \ | C: |
| Win+R, .. | C:\Users |
| Win+R, . / %userprofile% | Home (C:\Users\{username}) |
| Win+R, shell:AppData /  %appdata% | %userprofile%\AppData\Roaming |
| Win+R, shell:Local AppData /  %localappdata% | %userprofile%\AppData\Local |
| %tmp% | %userprofile%\AppData\Local\Temp |
| Win+R, shell:programs | %userprofile%\AppData\Roaming\Microsoft\Windows\Start Menu\Programs |
| Win+R, shell:startup | %userprofile%\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\Startup |
| Win+R, shell:Common Programs | %programdata%\Microsoft\Windows\Start Menu\Programs |
| Win+R, shell:Common Startup | %ProgramData%\Microsoft\Windows\Start Menu\Programs\Startup |

<https://www.tenforums.com/tutorials/3109-shell-commands-list-windows-10-a.html>

# MS Office

|  |  |
| --- | --- |
| Ribbon anzeigen/ausblenden | Strg+F1 |
| Vollbild | Strg+Shift+F1 |
| **Word** | |
| Inhalt als Text einfügen | Strg+Alt+V, Doppelklick auf "Unformatierter Text" |
| Weitersuchen/Vorheriges Suchen | Strg+Bild↓/Bild↑ |
| Überschrift Ebene 1 / 2 / 3 | Alt+1 / Alt+2 / Alt+3 |
| Blocksatz | Strg+B |
| Hyperlink einfügen | Strg+K |
| Aufzählungspunkt verschieben | Alt+Shift+↑/↓ |
| Aufzählungspunkt Einzug verringern/vergrößern | Alt+Shift+←/→ |
| Überschriften-Ordnung vergrößern/verringern | Alt+Shift+←/→ |
| Shortcuts | Strg+Alt+NumPad+, <Shortcut> oder Button-Klick |
| **Excel** | |
| Inhalt als Text einfügen | Strg+Alt+V, Doppelklick auf "Werte" |
| Inhalt als Text einfügen | Strg+Alt+V, W, Enter |
| Inhalt als Text einfügen | Alt+R, V, W |
| Zwischen Dateien wechseln | Strg+Tab |
| Zellen formatieren | Strg+1 |
| Zoom In/Out | Strg+Alt+NumPad+/- |

# Keepass

|  |  |
| --- | --- |
| **System wide** | |
| Show KeePass Window | Ctrl+Alt+K / Ctrl+Alt+´ |
| **Application wide** | |
| Copy User Name | Ctrl+B |
| Copy Password | Ctrl+C |
| Perform Auto-Type | Ctrl+V |

# Notepad++

|  |  |
| --- | --- |
|  | |
| XML Tools: Pretty print XML inkl. line breaks | Strg+Alt+Shift+B |
| Delete line | Strg+L |
| Duplicate line / selection | Strg+D |
| Indent | Tab |
| Undo indent | Shift+Tab |
| Go to line | Strg+G |

# Acrobat Reader

|  |  |
| --- | --- |
|  | |
| Gehe zu Seite | Strg+Shift+N |
| Vollbildmodus | Strg+L |
| Lesemodus | Strg+H |
| Zoomfaktor | Strg+Y |
| Fensterbreite | Strg+2 |
| Fensterbreite | Strg+3 |
| Drehen im Uhrzeigersinn/Gegenuhrzeigersinn | Strg+Shift+0/1 |
| Navigationsfenster anzeigen/ausblenden | F4 |
| Werkzeugleiste anzeigen/ausblenden | F8 |
| Menü anzeigen/ausblenden | F9 |

# FastStone Viewer

|  |  |
| --- | --- |
|  | |
| Show Image in second screen | Ctrl+Shift+D |
| Move | M |
| Settings | F12 |

# Chrome

|  |  |
| --- | --- |
| **General** | |
| Menü | Alt+F / Alt+E |
| Standardsuche | Ctrl+K / Ctrl+E |
| Browserdaten löschen | Ctrl+Shift+Entf |
| History | Ctrl+H |
| Downloads | Ctrl+J |
| Adressleiste | Ctrl+L |
| Lesezeichenleiste anzeigen/ausblenden | Ctrl+Shift+B |
| Bookmark Manager | Ctrl+Shift+O |
| Duplicate Tab | Alt+D, Alt+Return |
| **Debugger** | |
| Open Debugger | F12 |
| Show/Hide Console | Esc |
| Unified Command Menu | Ctrl+Shift+P |
| Clear Console | Ctrl+L |

# Firefox

|  |  |
| --- | --- |
| **General** | |
| Suchleiste | Ctrl+K / Ctrl+E |
| Adressleiste | Ctrl+L |
| Browserdaten löschen | Ctrl+Shift+Entf |
| History / History Manager | Ctrl+H / Ctrl+Shift+H |
| Downloads | Ctrl+J |
| Bookmarks / Bookmark Manager | Ctrl+B / Ctrl+Shift+B |
| Addon Manager | Ctrl+Shift+A |
| Duplicate Tab | Alt+S, Alt+Return |
| Suchen in Links | ' |
| Tab stummschalten | Ctrl+M |
| Neues privates Fenster | Ctrl+Shift+P |
| Zuletzt geschlossenes Fenster wieder öffnen | Ctrl+Shift+N |
| Linker/Rechter Tab | Ctrl+Page ↑/↓ |
| Vorheriger Tab (nach Nutzung, falls konfiguriert) | Ctrl+Tab |
| Tab nach links/rechts verschieben | Ctrl+Shift+Page ↑/↓ |

# Edge

|  |  |
| --- | --- |
| **General** | |
| Duplicate Tab | Ctrl+K |
| Lesezeichenleiste anzeigen/ausblenden | Ctrl+Shift+B |

# Git Bash

|  |  |
| --- | --- |
| Neues Fenster | Alt+F2 |

# Cmder

|  |  |
| --- | --- |
| New Console | Ctrl+T |
| Hide/Unhide | Ctrl+ö (global) |
| Settings | Win+Alt+P |

# MobaXterm

|  |  |
| --- | --- |
| Quick Connect | Ctrl+Shift+Q\* |
| Exit | Ctrl+Q |
| Show MobaXterm / hide to systray | Ctrl + Shift + X\* |

\*modified

# Thunderbird

|  |  |  |  |
| --- | --- | --- | --- |
| **Mausbefehle** | | | |
| Neue HTML- / Nur-Text-Nachricht | Shift + Klick auf die Schaltfläche "Verfassen" | Zoomen beim Lesen von Nachrichten | Strg + Mausrad |
| Zeile für Zeile scrollen | Shift + Scrollen | Zoom wieder auf 100% zurücksetzen | Strg + 0 |
| **Tastaturbefehle** | | | |
| Adressbuch öffnen | Strg+Shift+B | Alle Threads aufklappen | \* |
| Antworten | Strg+R | Alle Threads zuklappen | \ |
| Antworten an Alle | Strg+Shift+R | Weitersuchen | F3 oder Strg+G |
| Neue Nachricht | Strg+N / Strg+M | Vorheriges suchen | Strg+Shift+G |
| Datei als Anhang hinzufügen | Strg+Shift+A | In dieser Nachricht suchen | Strg+F |
| Nachricht in neuem Fenster öffnen | Strg+O | Nachricht weiterleiten | Strg+L |
| Nachricht als Datei speichern | Strg+S | Gehe zur nächsten Nachricht in der Liste | F |
| Gewählte Nachrichten archivieren | A | Gehe zur vorherigen Nachricht in der Liste | B |
| Nachrichten suchen | Strg+Shift+F | Gehe zur nächsten ungelesenen Nachricht | N |
| Nachricht senden | Strg+Enter | Gehe zur vorherigen ungelesenen Nachricht | P |
| Nachricht später senden | Strg+Shift+Enter | Gehe zum nächsten ungelesenen Thread | T |
| Alle Konten abrufen und alle Nachrichten senden | Strg+Shift+T | Gehe zurück im Verlauf | [ |
| Nachrichten des aktiven Kontos abrufen | F5 / Strg+T | Gehe vorwärts im Verlauf | ] |
| Fenster oder Tab schließen | Strg+W | Springe zum nächsten Fenster | F6 |
| Drucken | Strg+P | Schriftgrad vergrößern | Strg++ |
| Kopieren | Strg+C | Schriftgrad verkleinern | Strg+- |
| Verschieben | Strg+Shift+M | Schriftgrad wiederherstellen | Strg+0 |
| Ausschneiden | Strg+X | Nachricht als gelesen oder ungelesen markieren | M |
| Löschen (Papierkorb) | Entf | Thread als gelesen markieren | R |
| Löschen (ohne Papierkorb) | Shift+Entf | Alle Nachrichten in aktivem Ordner als gelesen markieren | Shift+C |
| Einfügen | Strg+V | Schlagwort hinzufügen/entfernen | 1 bis 9 |
| Alles Markieren | Strg+A | Alle Schlagwörter der Nachricht entfernen | 0 |
| Rückgängig | Strg+Z | Ordner umbenennen | F2 |
| Wiederherstellen | Strg+Y | Nachrichten-Quelltext anzeigen | Strg+U |
| Als Junk (Spam) markieren | J | Stopp | Esc |
| Als **Kein** Junk (Spam) markieren | Shift+J | Schließen | Strg+Q |
| Als neu bearbeiten | Strg+E | Thread (in Newsgruppen) beobachten | W |
|  |  | Vorschaufenster ein/ausblenden | F8 |

# Nano

|  |  |  |  |
| --- | --- | --- | --- |
| **File** | | | |
| Write the current file to disk | ^O / F3 | Close the current file buffer / Exit from nano | ^X / F2 |
| Switch to the previous file buffer | M-< / M-, | Switch to the next file buffer | M-> / M-. |
|  |  | Insert another file into the current one | ^R / F5 |
| **Search / Replace** | | | |
| Search for a string or a regular expression | ^W / F6 | Copy the current line and store it in the cutbuffer | M-^ / M-6 |
| Replace a string or a regular expression | ^\ / M-R | Repeat last search | M-W |
| **Cut & Paste** | | | |
| Cut the current line and store it in the cutbuffer | ^K / F9 | Display the position of the cursor | ^C / F11 |
| Uncut from the cutbuffer into the current line | ^U / F10 | Invoke the spell checker, if available | ^T / F12 |
| Mark text at the cursor position | ^^ / M-A |  |  |
| **Insert / Delete** | | | |
| Insert the next keystroke verbatim | M-V | Delete the character under the cursor | ^D |
| Insert a tab at the cursor position | ^I | Delete the character to the left of the cursor | ^H |
| Insert a newline at the cursor position | ^M | Cut from the cursor position to the end of the file | M-T |
| **Indent / Justify** | | | |
| Indent the current line | M-} | Unindent the current line | M-{ |
| Justify the current paragraph | ^J / F4 | Justify the entire file | M-J |
| **Move** | | | |
| Move to the previous screen | ^Y / F7 | Move to the next screen | ^V / F8 |
| Move forward one character | ^F | Move back one character | ^B |
| Move forward one word | ^Space | Move back one word | M-Space |
| Move to the previous line | ^P | Move to the next line | ^N |
| Move to the beginning of the current line | ^A | Move to the end of the current line | ^E |
| Move to the beginning of the current paragraph | M-( / M-9 | Move to the end of the current paragraph | M-) / M-0 |
| Move to the first line of the file | M-\ / M-| | Move to the last line of the file | M-/ / M-? |
| Scroll up one line without scrolling the cursor | M-- / M-\_ | Scroll down one line without scrolling the cursor | M-+ / M-= |
| **Go to** | | | |
| Go to line and column number | ^\_ / M-G | Move to the matching bracket | M-] |
| **Help / Show** | | | |
| Display help | ^G / F1 | Help mode enable/disable | M-X |
| Count the number of words, lines, and characters | M-D | Refresh (redraw) the current screen | ^L |
| **Options** | | | |
| Constant cursor position display enable/disable | M-C | Whitespace display enable/disable | M-P |
| Use of one more line for editing enable/disable | M-O | Color syntax highlighting enable/disable | M-Y |
| Smart home key enable/disable | M-H | Long line wrapping enable/disable | M-L |
| Auto indent enable/disable | M-I | Conversion of typed tabs to spaces enable/disable | M-Q |
| Cut to end enable/disable | M-K |  |  |
| Backup files enable/disable | M-B | No conversion from DOS/Mac format enable/disable | M-N |
| Multiple file buffers enable/disable | M-F | Suspension enable/disable | M-Z |
| Mouse support enable/disable | M-M | Smooth scrolling enable/disable | M-S |

# Vim

|  |  |  |  |
| --- | --- | --- | --- |
| **File operations** | | | |
| :e | Reload file | :e file / dir | **E**dit (new) file in a new buffer / start netrw browsing |
| :sp file / dir | Open file / netrw in new **sp**lit buffer | :vs file / dir | Open file / netrw in new **v**ertically **s**plit buffer |
| :fin / :sf | **Fin**d file in path / **s**plit window and **f**ind | :ls | **L**i**s**t open files / buffers |
| :b name | Go to **b**uffer name | :bn / :bp | Go to **n**ext / **p**revious **b**uffer |
| :w [name] | **W**rite file (optionally: as name) | :q | **Q**uit |
| :wq / :x / ZZ | **W**rite file and **q**uit | :q! / ZQ | **Q**uit (no warning**!**) |
| gf | **G**o to **f**ile under cursor | :bd | **D**elete **b**uffer (close file) |
| **Split Windows** | | | |
| <C-w>n | **N**ew window | <C-w>s / v | **S**plit window horizontically / **v**ertically |
| <C-w>t / b | Go to window a **t**op / **b**ottom | <C-w>h/j/k/l | Go to window left/above/below/right |
| <C-w>w | Go to next split window | <C-w>x | Swap window with window N (default: next) |
| <C-w>r / R | Rotate windows down / up | <C-w>H/J/K/L | Move window to far left/top/bottom/right |
| <C-w>< / > | One column smaller / larger | <C-w>- / + | One row smaller / larger |
| <C-w>[n]< / > | n columns smaller / larger | <C-w>[n]- / + | n rows smaller / larger |
| <C-w>= | Reset split size | <C-w>q / o | **Q**uit window / Quit all and keep **o**nly current one |
| **Navigation (go to)** | | | |
| b / B | word / WORD **b**ack ← | w / W | **w**ord / **W**ORD forward → |
| e / E | Next word / WORD **e**nd → | + / - | First non-blank character of next / previous line |
| h / l | ← / → | j / k | ↓ / ↑ |
| ^ | First non-blank character | $ | End of line |
| 0 | First column | nG / ngg / :n | Line n |
| gg / G | First line / Last line | o / O | **o**ther corner of marked block / **O**ther end of marked block |
| n| | nth column | <C-e> / <C-y> | ↓ / ↑ without moving the Cursor |
| <C-f> / <C-b> | Page **f**orward ↓ / **b**ack ↑ | <C-d> / <C-u> | Half page **d**own ↓ / **u**p ↑ |
| [{ / ]} | Matching left / right bracket { / } | ([ / ]) | Matching left / right paren ( / ) |
| ]m / [m | Beginning of next / previous method | % | first matching paren / bracket: (, ), [, ], {, } |
| f / F<char> | Next / previous <char> | t / T<char> | One position before next / previous <char> |
| gd | **G**o to local **d**efinition | H / M / L | Move cursor to **h**igh / **m**iddle / **l**ow of screen |
| ,h | Navigate back from tag/help | zt, zz, zb | Move current line to **t**op / middle / **b**ottom |
| ,l / g,l | Navigate tag or help / ambiguous tag | :tags | Show all tags |
| <C-o> / <C-i> | Previous / next jump | :ju | Show all **ju**mps |
| g; / g, | Previous / next change | :changes | Show all changes |
| **Edit** | | | |
| i / a | **I**nsert at/**a**fter cursor | I / A | **I**nsert at beginning of line / end of („**a**fter“) line |
| o / O | Insert („**o**pen“) line below/above | x / d | **D**elete (and cut) char / selection |
| dd | **D**elete line | :ndm / :nym | **D**elete / **y**ank from *n*th (def: here) line *m* (def: 1) lines |
| J | **J**oin with next line | gJ | **J**oin with next line without space |
| s | Replace character | r | **R**eplace character (without Insert Mode) |
| cc / S | Replace line | ~ / gu / gU | Switch case / lowercase / **U**ppercase |
| u / <C-r> | **U**ndo last command / **R**edo |  |  |
| p / P | **P**aste register after / at cursor | ,p / ,P | **P**aste register below / above current line |
| y | **Y**ank (cop**y**) selection | yy / Y | **Y**ank (cop**y**) line |
| <C-v> | **V**isual Block (Column mode) | v / V | Toogle **v**isual char / line selection |
| << / >> (< / >) | Shift left / right (single in visual mode) | = | Indent |
| <C-a> | Increase number | g<C-a> | Increase selected numbers creating a sequence |
| :m+ / :m-2 | Move current line down/up | <C-j> / <C-k> | Move current line down/up |
| :retab | Replace tabs with spaces | ,q | Show non printable (blank) characters |
| :reg | Show all registers | ga | **G**et **a**scii |
| <F2> | Toggle paste mode | <F4> | Toggle line numbers |
| **Autocompletion (in Insert Mode!)** | | | |
| <C-x><C-n> | Just this file | <C-x><C-f> | Filename in path |
| <C-x>,l | Tags | <C-n> | Everything configured |
| <C-n> | **N**ext match (in completion dropdown) | <C-p> | **P**revious match (in completion dropdown) |
| **Find/Replace** | | | |
| / | Find forward | ? | Find backwards |
| \* / # | Find current word forward / backward | /\c | Find forward case insensitive |
| [count]n | Find **n**ext | [count]N | Find in other direction |
| :noh | Stop search (“**no**”) **h**ighlighting | ,w | Stop search highlighting |
| :s/old/new/ | Replace old with new in current line | :%s/old/new/ | Replace old with new in all lines |
| :s/^M$//g | Remove CR |  |  |
| **Automation** | | | |
| . | Repeat last change | n<action> | Perform action n times (delete, insert, move, …) |
| @: | Repeat last command-line command | :r !<command> | **R**ead result of shell command into buffer |
| qd | Record to register d | q | Stop recording |
| @d | Execute macro from d | @@ | Execute last macro again |
| **History, Help, Extra** | | | |
| :his | Show history | q: / :<C-f> | Browse and edit command line history |
| q/ / /<C-f> | Browse and edit search history | q? / ?<C-f> | Browse and edit search history |
| :h | Show **h**elp for command or keystroke | :so % | Reload (**so**urce) vim config (when in .vimrc!) |
| <C-c> | Esc | ! | filter to external program |
| **Marks** | | | |
| m{a-zA-Z} | Set mark | :marks | Show all marks |
| `{mark} | Go to exact line + column of {mark} | '{mark} | Go to first char of line of {mark} |
| `. | Go to last change | '. | Go to last change |

## Combinations

[count][register]{operator}{motion / [range]text object}

* Register: "{register}
* Operators: **d**elete (and cut), **c**hange, **y**ank (cop**y**), **v**isually select, ~, gu, gU, !, <, >, =
* Motions: $, ^, 0, h, j, k, l, H, M, L, w, W, b, B, e, E, ]m, %
* Range: **a**ll, **i**n, un**t**il forward, un**T**il backward, **f**ind forward, **F**ind backward
* Text objects: **w**ords, **s**entences, **p**aragraphs, **t**ags, () **b**lock, {} **B**lock, ), ], }, ", '

Examples:

|  |  |  |  |
| --- | --- | --- | --- |
| diw | delete in word | caw | change all word including whitespace |
| yi) | yank all text inside parentheses | dt<space> | delete until space |
| va" | visually select all inside doublequotes including | diB / di{ / di} | delete and cut current method body (surrounded by {}) |
| 6+ | 6x go down to line start | gUaW | capitalize a word |
| 3ce | 3x change to word end | d]m | delete to start of next method |
| viwp | Replace current word from Clipboard |  |  |

## Registers (:h registers) – How to use vim registers with macros: <https://stackoverflow.com/a/7018760>

|  |  |  |  |
| --- | --- | --- | --- |
| "" | unnamed – all operations | "a … "z | named – user driven (content is replaced) |
| "0 | yanked text | "A … "Z | named – user driven (content is appended) |
| "1 … "9 | deleted text | "# | alternate filename for current window |
| "- | small delete register (less than one line) | ". | read-only – last inserted text |
| "= | expression | "% | read-only – name of current file |
| "/ | last search pattern | ": | read-only – most recent executed command-line |
| "\* | Win: gui clipboard / Linux: mouse highlight | "+ | Win: gui clipboard / Linux: system clipboard |
| "~ | selection – dropping plain text onto vim | "\_ | black hole – nothing happens, always empty |

## Workflows

* Blockwise (= Column mode): <C-v>, chose edit mode (I/A/d/x/r/c/s/…), insert text, <Esc>
* Replace in Selection: Visual Select, :s/old/new/g<CR>
* Replace in Block Selection: Visual Select, :s/\%Vold/new/g<CR>
* <https://vim.fandom.com/wiki/Making_a_list_of_numbers>
* <https://vim.fandom.com/wiki/Search_and_replace>
* <https://vim.fandom.com/wiki/Replace_a_word_with_yanked_text>
* Rename files in folder

|  |  |
| --- | --- |
| vi ren.sh | Open a new empty file |
| :r !ls | List all files of current folder |
| ggdd | Delete empty first line |
| :%s/$/"/g | Append " to each line end |
| <C-v>ggI | Column insert, then type: mv " |
| <C-v>G$y | Copy all filenames |
| A␣<Esc>p | Insert filenames |
| <C-v>G$:s/\%Vold/new/g<CR> | Mark block and replace in block selection |
| :x | Save, then execute script: bash ren.sh |

## Definitions

* WORD: separated by blanks / word: separated by punctuation marks
* Dot command **.** only repeats changes to the buffer. Does not repeat motions.

|  |  |  |  |
| --- | --- | --- | --- |
| Scopes for help search can be used as a prefix to find the key definition in a specific scope | | Regexp modifiers (appended after last /) | |
| v\_ | Visual | g | Whole file (**g**lobally) |
| i\_ | Insert | i | Case **i**nsensitive |
| : | Command-line command | I | Case sensitive |
| c\_ | Command-line editing | c | With **c**onfirmation |
| / | Regexp |  |  |
| Example: :h i\_^n | |  |  |

# Bash

|  |  |
| --- | --- |
| **Processes** | |
| Ctrl+C | Interrupt (SIGINT kill) |
| Ctrl+D | Exit shell (EOF) |
| Ctrl+Z / fg | Suspend current / Return to last **f**ore**g**round process |
| **Screen** | |
| Ctr+L / clear | Clear (**l**öschen) screen |
| Ctrl+S / Ctrl+Q | **S**top screen output / Resume screen output |
| **Navigation** | |
| Ctrl+A / Ctrl+E (Home / End) | Beginning (**A**nfang) / **e**nd of line |
| Alt+B / Alt+F | **B**ack / **f**orward one word |
| Ctrl+B / Ctrl+F | **B**ack / **f**orward one character |
| Ctrl+X,Ctrl+X | Switch between current pos and Home |
| **Edit** | |
| Ctrl+D / Ctrl+H (Del / Back) | **D**elete current / previous character |
| Alt+D | **D**elete until end of line |
| Alt+T / Ctrl+T | Swap current with previous word / character |
| Ctrl+\_ | Undo last key press |
| Ctrl+W | Cut until beginning of **w**ord |
| Ctrl+U / Ctrl+K | Cut until beginning / end of line |
| Ctrl+Y | Paste (***y***ank) |
| Alt+U / Alt+L | Capitalize (**u**ppercase) / uncapitalize (**l**owercase) until end of word |
| Alt+C | **C**apitalize current character and move to end of word |
| **History** | |
| Ctrl+P / Ctrl+N (↑ / ↓) | **P**revious / **n**ext command |
| Alt+R | **R**evert changes to command of history |
| Alt+**.** / !$ | Insert last argument of previous command |
| Ctrl+R | History **r**everse search |
| Ctrl+O | Run command from reverse search |
| Ctrl+G / Esc | Escape history search |

This is emacs style. Can be switched to vi style and back: set -o vi / set -o emacs

# Dotfiles

|  |  |
| --- | --- |
| **zsh** | |
| Ctrl+F | Add/remove sudo before current/last command |
| **fzf** | |
| Ignores hidden files/dirs by default. Completion for ssh, kill, environment vars (unset, export, unalias).  All commands (except kill) are triggered by appending \*\*. | |
| fzf | Fuzzy find in current directory including subdirectories |
| Alt+C | Change directory |
| Alt+S | Anywhere in the command-line: paste search result into current command |
| Ctrl+R | History reverse search (search String can be typed before or after Ctrl+R) |
| **fzf within search** | |
| Ctrl+J/K | Move down/up |
| ? | Show preview |
| Ctrl+E/V | Open in default editor/VS Code |
| Ctrl+A/U | Toggle/unselect all marks |
| Tab | Mark/unmark |
| **fd** | |
| fd pattern [location] | Find pattern [in location] |
| fdh pattern [location] | Find pattern including hidden files [in location] |
| **rg** | |
| rg pattern [location] | Grep pattern [in location] |
| rgh pattern [location] | Grep pattern including hidden files [in location] |
| **More Tools** | |
| cat | Alias to bat/batcat (coloured, better cat) |
| tldr | Man replacement. Compatible with tldr, fd, fzf, rg, bat, z and more. |
| z | Change directory using most recent and/or highest ranking entries |

# tmux

Prefix for every command – except in CLI and copy mode – is Ctrl+B (configurable).

|  |  |
| --- | --- |
| **CLI** | |
| tmux / tmux new -s <name> | New session / new session with name |
| tmux kill-ses [-t <name>] | Kill [named] session |
| tmux a [-t <name>] | **A**ttach to [named] session |
| tmux ls | **L**i**s**t sessions |
| **Sessions** | |
| :new | New session |
| $ | Rename session |
| d | **D**etach session |
| ( / ) | Previous / next session |
| s | List **s**essions |
| **Windows („Tabs“)** | |
| w | List **w**indows |
| c / & | **C**reate / kill window |
| p / n | Go to **p**revious / **n**ext window |
| l | Go to **l**ast window |
| 0..9 | Go to window number 0..9 |
| ' / f | Go to window by number / **f**ind window by name |
| . / , | Renumber / rename window |
| **Panes (split Windows)** | |
| % / “ | New pane with vertical / horizontal split |
| ←/→/↑/↓ | Go to pane left/right/up/down |
| o / ; | Got to next / last active pane |
| { / } | Move pane to left / right |
| Ctrl+o | Swap with last active pane |
| Q[,0..9] | Show pane numbers [and go to pane numbered 0..9] |
| ! | Convert pane to window |
| x / Ctrl+D | Kill pane |
| z | Toggle pane zoom |
| Space | Toggle between pane layouts |
| :setw synchronize-panes | Toggle panes sync |
| Ctrl+x | Toggle panes sync |
| :resize-pane -X [num] | Resize current pane X=D,U,L,R (down, up left, right) num lines/columns |
| **Extra** | |
| [ | Enter copy mode |
| t | Show **t**ime |
| ? | Show shortcuts |
| **Copy mode** | |
| q | **Q**uit copy mode |
| Space / Esc | Start / exit selection |
| Enter | Copy selection |
| Like in vi | Move / search |
| g / G | **G**o to top / bottom |

# Visual Studio

Schema: Visual C# 2005 / \*: selbst erstellt

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Fenster/Ansicht** | | | | | |
| Vervollständigungs Liste transparent | | Strg | Gehe zu nächster (vorheriger) Meldung | | (Shift+)F8 |
| Code | | F7 | Nächstes (Vorheriges) Toolfenster | | Strg+(Shift+)F8\* |
| Designer | | Shift+F7 | Akt. Toolfenster schließen | | Shift+Esc |
| Projektmappen-Explorer (Solution) | | Strg+W, S / Strg+Alt+L | Akt. Toolfenster autom. im Hintergrund | | Strg+Shift+<\* |
| ToolboX | | Strg+W, X / Strg+Alt+X | Vollbildmodus | | Alt+Shift+Enter / Strg+<\* |
| Fehlerliste (Window > Errors) | | Strg+W, E | Alle Fenster automatisch ausblenden | | Strg+Shift+X\* |
| Symbolsuche-Ergebnisse (Query results) | | Strg+W, Q / Strg+Alt+F12 | Breakpoints | | Strg+D, B / Strg+Alt+B |
| Lesezeichen (Window > Bookmarks) | | Strg+W, B | Direktfenster (Debug > Immediate) | | Strg+D, I / Strg+Alt+I |
| SQL Server Explorer | | Strg+W, L / Strg+Alt+S | Überwachen (Debug > Watch) [#] | | Strg+D, W / Strg+Alt+W, # |
| Undo Close (PowerCommands) | | Strg+W, Z\* | Auto | | Strg+D, A |
| Pending Changes (Ankh) | | Strg+W, N\* | Lokal | | Strg+D, L |
| Repository Explorer (Ankh) | | Strg+W, Y\* | Aufrufliste (Debug > Calls) | | Strg+D, C / Strg+Alt+C |
| Working Copy Explorer (Ankh) | | Strg+W, K\* | Ausnahmen (Debug > Exceptions) | | Strg+D, E / Strg+Alt+E |
| **Editor** | | | | | |
| Zeile löschen | | Strg+L\* | Durch Zwischenablage rotieren | Strg+Shift+V | |
| Klein (Groß) -schreibung | | Strg+(Shift+)U | Leere Zeile oben (unten) einfügen | Strg+(Shift+)Enter | |
| Kommentieren | | Strg+E, C | Entkommentieren | Strg+E, U | |
| Dokument formatieren | | Strg+E, D | Ganzes Wort markieren | Strg+Shift+W | |
| Leerstelle anzeigen | | Strg+E, S | Umschließen (Surround with) | Strg+K, S / Strg+K, Strg+S | |
| **IntelliTipps** | | | | | |
| QuickInfo | | Strg+K, I | Memberliste | Strg+J | |
| Wortvervollständigung | | Strg+Leertaste | Parameterinfo | Strg+Shift+Leerstaste | |
| **Navigation** | | | | | |
| Lesezeichen Setzen/Löschen | | Strg+B, T | Lesezeichen (De)Aktivieren | Strg+B, E | |
| Nächstes Lesezeichen (Next) | | Strg+B, N | Vorheriges Lesezeichen (Prev) | Strg+B, P | |
| Zurück | | Strg+**–** | Vorwärts | Strg+Shift+**–** | |
| **Compiler** | | | | | |
| Auswahl neu erstellen | | Shift+F6\* | Projektmappe neu erstellen | Strg+F6\* | |
| Erstellen abbrechen | | Strg+Pause |  |  | |
| **Debugger** | | | | | |
| Breakpoint (de)aktivieren | | Strg+F9 | An Prozess anhängen | Strg+Alt+P | |
| Ausführen bis Cursor | | Strg+F10 | Nächste Anweisung festlegen | Strg+Shift+F10 | |
| **Suchen** | | | | | |
| Klammern finden | | Strg+` | inkrementelle Suche | Strg+I | |
| In Dateien suchen | | Shift+Strg+F | In Dateien ersetzen | Shift+Strg+H | |
| Auswahl suchen (vorwärts) | | Strg+F3 | Auswahl suchen (rückwärts) | Strg+Shift+F3 | |
| Gehe zu Definition | | F12 | Alle Verweise suchen | Shift+F12 | |
| **DPack** | | | | | |
| File Browser | | Alt+U | Code Browser | Alt+G | |
| Solution Browser | | Alt+S | Framework Browser | Alt+R | |
| **Gliederung** | | | | | |
| Nur Definitionen anzeigen | Strg+M, O / Strg+M, Strg+O | | Gliederung entfernen | Strg+M, P / Strg+M, Strg+P | |
| Automatische Gliederung | Strg+M, A | | Gliederung umschalten | Strg+M, M / Strg+M, Strg+M | |
| **Makros (Makro-Explorer > Makros.Samples.VSEditor)** | | | | | |
| BeginningOfFunction | Alt+Einfg\* | | TopOfBlock | Alt+Ende\* | |
| LineToTop | Alt+Bild↑\* | | CenterScreen | Alt+Bild↓\* | |

# Trello

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Navigation** | | | | |
| Tastaturkürzel | ? |  |  | |
| Boards Schnellsuche | B | Boardmenü ein/aus (rechts) | W | |
| Karten navigieren | ←/→/↑/↓ | Schließen/Abbrechen | Esc | |
| **Suche/Filter** | | | | |
| Suchfeld | / | Mein Kartenfilter | Q | |
| Kartenfilter | F | Filter löschen | X | |
| **Karten bearbeiten** | | | | |
| Neue Karte | N | Label | L (dann 1, 2, …, 9)  oder direkt 1, 2, …, 9 | |
| Karte öffnen | Enter | Mitglieder | M | |
| Text speichern | Ctrl+Enter | Mich selbst zuordnen | Space | |
| Schnellbearbeitung | E | Karte kopieren | Ctrl+C | |
| Titel bearbeiten | T | Karte einfügen | Ctrl+V | |
| **Sonstiges** | | | | |
| Karte verschieben | </> | Abstimmen | | V |
| Abonnieren | S | Mitglieder auto vervollst. (Kommentar/neue Karte) | | @ |
| Karte archivieren | C | Labels auto vervollst. (neue Karte) | | # |
| Frist | D | Position auto vervollst. (neue Karte) | | ^ |

# Jira

|  |  |  |  |
| --- | --- | --- | --- |
| **Global** | | | |
| Go to **D**ashboard | g, d | Quick search | / |
| Go to **P**rojekt | g, p | Quick operations | . |
| Go to Boards | g, a | **C**reate issue | c |
| Go to **I**ssues | g, i | Shortcut help | ? |
| Administration quick search | g, g | Form **s**ubmit | Alt + S |
| **Vorgänge navigieren** | | | |
| View selected issue | o / Return | Toggle issue fullscreen | z |
| Next/Prev issue | j/k bzw. ↓/↑ | **N**ext/**P**rev activitiy | n/p |
| Dock/undock filters panel | [ | List view/Issue detail view | ←/→ |
| **F**ocus search field | f | Search for issues | u |
| Switch filter view | t | Detail view order by | y |
| **Vorgangsaktionen** | | | |
| **A**ssign | a | Assign to me | i |
| **E**dit | e | Co**m**ment | m |
| **S**hare | s | Edit **l**abels | l |
| Jump to fields for editing | , / . |  |  |
| **Board-Verknüpfungen** | | | |
| Backlog | 1 | Hide/show detail view | t |
| Aktive Sprints/Kanban | 2 | Hide/show menus | z |
| Reports | 3 | Toggle all swimlanes (Active Sprints) | - |
| **N**ext/**P**rev Column | n/p | **S**end to **t**op/**b**ottom | s, t/b |

# Google.de

|  |  |
| --- | --- |
|  | |
| Weitersuchen | Buchstaben eingeben oder ESC |
| Durch die Suchergebnisse navigieren | Tab, ↓/↑, Return |

# GitHub.com

|  |  |  |  |
| --- | --- | --- | --- |
| **Site wide** | | | |
| Show shortcuts | ? |  |  |
| Focus search bar | S or / | Go to notifications | G N |
| **Repositories** | | | |
| Go to code | G C | Go to pull requests | G P |
| Go to issues | G I | Go to wiki | G W |
| **Source Code editing** | | | |
| Search in file editor | Ctrl+F |  |  |
| Find next | Ctrl+G | Find previous | Ctrl+Shift+G |
| Jump to line | Alt+G | Replace all | Ctrl+Shift+R |
| Undo | Ctrl+Z | Redo | Ctrl+Y |
| **Source code browsing** | | | |
| File finder | T | Jump to line | L |
| Switch to new branch/tag | W | Expand URL | Y |
| Show/hide comments on diffs | I | Blame view | B |
| **Comments** | | | |
| Bold | Ctrl+B | Italic | Ctrl+I |
| Link | Ctrl+K | Toggle write/preview | Ctrl+Shift+P |
| Submit comment | Ctrl+Enter |  |  |
| **Issue / PR list** | | | |
| Create issue | C | Issue search | / |
| Filter by author | U | Filter by/edit label | L |
| Filter by/edit milestone | M | Filter by/edit assignee | A |
| Quote selected text in reply | R | Open issue | O / Enter |
| **Issue / PR** | | | |
| Request reviewer | Q | Set milestone | M |
| Set label | L | Set assignee | A |
| **Changes in PRs** | | | |
| Commits | C | Changed files | T |
| Move selection down | J | Move selection up | K |
| **Notifications** | | | |
| Mark as read | E / L / Y | Mute thread | Shift+M |
| **Network Graph** | | | |
| Scroll left | ← / H | Scroll far left | Shift+← / Shift+H |
| Scroll right | → / L | Scroll far right | Shift+→ / Shift+L |
| Scroll up | ↑ / K | Scroll far up | Shift+↑ / Shift+K |
| Scroll down | ↓/ J | Scroll far down | Shift+↓ / Shift+J |

# Slack.com

|  |  |  |  |
| --- | --- | --- | --- |
| **Channels & Direct Messages** | | | |
| Previous/Next in list | Alt+↑/↓ | Previous/Next unread | Alt+Shift+↑/↓ |
| Back/Forward in history | Alt+←/→ | Mark (all) as read | (Shift+)Esc |
| Quick switcher | Ctrl+K / Ctrl+T | Browse direct messages | Ctrl+Shift+K |
| **Messaging** | | | |
| Autocomplete Names | [a-z]+Tab / @+Tab | New line | Shift+Enter |
| Autocomplete Channels | #+Tab | Edit last message | ↑ (in input) |
| Bold / Italic | Ctrl+B / Ctrl+I | Strikethrough / Code | Ctrl+Shift+X / Ctrl+Shift+C |
| Numbered/Ordered List | Ctrl+Shift+7/8 |  |  |
| Autocomplete Emoji | :+Tab | React to last message | +:<emoji> / Ctrl+Shift+# |
| **Extras** | | | |
| Open Preferences | Ctrl+, | Search | Ctrl+F |
| Toggle Flexpane | Ctrl+. | Paste Snippet | Ctrl+Shift+Enter |
| Channel Info | Ctrl+Shift+I | Upload a File | Ctrl+U |
| Activity | Ctrl+Shift+M | Dismiss Dialogs | Esc |
| Team Directory | Ctrl+Shift+E | All Commands | Beginn message with / |
| Favorites | Ctrl+Shift+S | Keyboard Shortcuts | Ctrl+ö |
| Set status | Ctrl+Shift+Y | Fullscreen | Ctrl+Shift+F |
| Show unread messages | Ctrl+Shift+A | Jump to unread messages | Ctrl+J |

# PSQL

Siehe auch <https://www.postgresql.org/docs/9.6/static/app-psql.html>, Sektion Meta-Commands.

|  |  |
| --- | --- |
| Hilfe anzeigen | \h [<command>] |
| Verlassen | \q bzw. Ctrl+d |
| Datenbanken anzeigen | \l |
| Datenbank wählen | \c <database> |
| Schemas anzeigen | SELECT schema\_name FROM information\_schema.schemata; |
| Search\_path anzeigen | SHOW search\_path; |
| Search\_path wechseln | SET search\_path TO <schema>; |
| Alles anzeigen | \d |
| Tabellen anzeigen | \dt |