# 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 / :b name | **L**i**s**t open files or buffers / Go to **b**uffer name |
| <M-h> / <M-l> | Go to previous / next buffer | | :bp / :bn | Go to **p**revious/ **n**ext **b**uffer |
| <F3> / <F4> | Cycle colorscheme back/forward | | ␣<F3> | Toggle background between dark/light |
| ␣e/:w [name] | **W**rite file (optionally: as name) | | :sav name | Save file as name |
| :wq / :x / ZZ | **W**rite file and **q**uit | | :q!/ZQ / :q | **Q**uit (no warning**!**) / **q**uit |
| ␣<C-r> | **R**eload vim config | | :bd / ␣w | **D**elete **b**uffer (close file) |
| ␣t | Open recent file | | ␣e | Delete all buffers **e**xcept current |
| ␣z | Open current selection as GH repo in Browser | |  |  |
| **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>[n]< / > | One [n] columns smaller / larger | | <C-w>[n]- / + | One [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 → |
| ge / gE | Previous word / WORD **e**nd ← | | e / E | Next word / WORD **e**nd → |
| <C-l> | Redraw screen, nohlsearch, diffupdate | | + / - | First non-blank character of next / previous line |
| h / l | ← / → | | j / k | ↓ / ↑ |
| 0 / ^ | First column / First non-blank character | | $ | End of line |
| gg / G | First line / Last line | | nG / ngg / :n | Line n |
| n| | nth column | | o / O | **o**ther corner of marked block / **O**ther end of marked block |
| <C-↓> / <C-↑> | Next/previous ale occurrence | | <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 previous / next method | | % | first matching paren / bracket: (, ), [, ], {, } |
| f / F<char> | Next / previous <char> | | t / T<char> | One position before next / previous <char> |
| gd / gf | **G**o to local **d**efinition/**f**ile under cursor | | 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 / <M-i> | **I**nsert at/**a**fter cursor/single character | | 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 / gJ | **J**oin with next line / without space | | gv | Reselect **v**isual (last selection) |
| vc / cc | Replace character / line | | r / R | **R**eplace character (without Insert Mode) / Overwrite mode |
| s / S | Replace character / line (default) | | s / S | **S**earch (leap) forward / backward (leap.nvim) |
|  |  | | ~ / gu / gU | Switch case / lowercase / **U**ppercase |
| u | **U**ndo last command | | <C-r> | **R**edo (normal mode) / Insert **r**egister (insert mode) |
| p / P | **P**aste register after / at cursor | | y / yy / Y | **Y**ank (cop**y**) selection / line / until end of line |
| ␣p / ␣P | **P**aste register 0 after / at cursor | | ␣o / ␣O | **P**aste register below / above current 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> / <C-x> | Increase/decrease number | | g<C-a>/g<C-x> | Increase/decrease selected numbers creating a sequence |
| :m+ / :m-2 | Move current line down/up | | <C-j> / <C-k> | Move current line/visually selected lines down/up |
| ga | **G**et **a**scii | | <C-g> | Show short message (filename, line & column number) |
| :retab | Replace tabs with spaces | | :reg | Show all registers |
| ␣x | Replace occurrences of current word | | ␣q | Show **w**hitespace characters |
| <F5> / <F6> | Toggle ALE / Toggle explorer | | <F2> / <F12> | Toggle paste mode / toggle line numbers & mouse mode |
| **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) |
| <C-k> | Complete from words of current buffer | | <C-y> / <CR> | YCM: finish completion |
| <Tab>/↓/<C-j> | YCM: select next completion | | <S-Tab>/↑/<C-k> | YCM: select previous completion |
| **Find/Replace** | | | | |
| / | Find forward | | ? | Find backward |
| \* / # | Find current word forward / backward | | /\c | Find forward **c**ase insensitive |
| [count]n | Find **n**ext | | [count]N | Find in other direction |
| :noh | **No** search **h**ighlighting | | <Esc> | No search highlighting (NeoVim only) |
| :s/old/new/ | Replace in current line/selection | | :%s/old/new/ | Replace old with new in all lines |
| **Automation** | | | | |
| . | Repeat last change | | ; / , | Repeat latest f, t, F or T / in opposite direction |
| @: | Repeat last command-line command | | n<action> | Perform action n times (delete, insert, move, …) |
| qd | Record to register d | | q | Stop recording |
| @d | Execute macro from d | | @@ | Execute last macro again |
| ␣n | Count number of occurrences | | :r !<command> | **R**ead result of shell command into buffer |
| **History, Help, Extra** | | | | |
| :his / F1 | Show history / Open README.md | | 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!) |
| K | Run man for **k**eyword under cursor | | ! / <C-c> | filter to external program / Esc |
| **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 |
| **LucHermitte/lh-brackets** | | | | |
| **insert mode** | | | **visual mode (in normal mode: current word instead of selection)** | |
| ( | (cursor) | | ( | (selection) |
| [ | [cursor] | | ␣[ | [selection] |
| { | {cursor} | | { | {selection} |
| " | "cursor" | | "" | "selection" |
| ' | 'cursor' | | '' | 'selection' |
| <F9> | Toggle bracket mappings | | ␣< | <selection> |
| **tpope/vim-surround** | | | | |
| cs<old><new> | | Replace (**c**hange) old surrounding with new one\* | | |
| ys<movement><surrounding> | | Add (**y**ank) surrounding | | |
| ds<surrounding> | | **D**elete surrounding | | |
| S | | **S**urround in visual mode | | |

For details: <https://github.com/tpope/vim-surround#surroundvim> and :h surround

Surroundings: "()[]{}'t, where t means **t**ag when deleting or replacing the old one.

\* Opening bracket adds space, closing bracket omits space

## 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␣ | 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>
* Remove CR: :s/^M$//g
* <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 | : | Command-line command | g | Whole file (**g**lobally) | c | With **c**onfirmation |
| i\_ | Insert | c\_ | Command-line editing | i | Case **i**nsensitive | I | Case sensitive |
| / | Regexp | Example: :h i\_^n | |  |  | | |

# Dotfiles

|  |  |  |  |
| --- | --- | --- | --- |
| **General (minimal setup)** | | | |
| Alt+Shift+L | Clear screen | Alt+Shift+R | Reload shell |
| Ctrl+F | Add/remove sudo | Ctrl+W | Cut until beginning of **w**ord |
| Alt+M | Copy previous word | Alt+**.** / !$ | Cycle & insert previous last arguments |
| Ctrl+P | Paste from last cut command | Ctrl+G | Swap words |
| Alt+< | Undo | Ctrl+U | Cut whole line |
| Ctrl+H/L | Prev/next character | Alt+H/L | Prev/next word |
| Ctrl+K/J | Prev/next history command | Ctrl+A / Ctrl+E | Beginning/end of line |
| Ctrl+Alt+H/L | Cycle directories | Ctrl+Alt+K | Up one directory |
| Alternative Shortcuts | | | |
| ←/→ | Prev/next character | Ctrl+←/→ | Prev/next word |
| ↑/↓ | Prev/next history command | Home / End | Beginning/end of line |
| ~~Ctrl+Alt+←/→~~ | ~~Cycle directories~~ | Ctrl+↑ | Up one directory |
|  |  | Alt+Back | Cut until beginning of **w**ord |
| **zsh** | | | |
| Alt+> | Redo | Ctrl+V/Esc | Switch from viins to vicmd mode |
| Ctrl+Z | Put command into buffer | Alt+Shift+H | Show help for current command |
| Completion menu | | | |
| Ctrl+J/K | Move down/up | Ctrl+H/L | Move left/right |
| Ctrl+I / Tab | Interactive search | Ctrl+O | Complete entry and stay in menu |
| **fzf** | | | |
| Provides completion for filenames, ssh, kill, environment vars (unset, export, unalias). All commands (except kill) are triggered by appending ,,. Ex.: vi /path/to/dir/,,<Tab>; ssh ,,<Tab>; kill <Tab>; unalias ,,<Tab> | | | |
| fzf / fz [path] | Fuzzy find in current directory including subdirectories / with [path] | | |
| fif | Find in files – fuzzy search in ripgrep result | | |
| fzd / Alt+D | Find in docker containers | | |
| 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/fzd within search | | | |
| Ctrl+J/K | Move down/up | Ctrl+E/V | Open in default editor/VS Code |
| Ctrl+A/U | Toggle/unselect all marks | Ctrl+O | Paste result into command line |
| Ctrl+Space | Mark/unmark | ? | Toggle preview |
| Ctrl+F/B | Preview page down/up | Alt+J/K | Preview line down/up |
| Ctrl+Y | Copy entry to clipboard | Enter | Dive into item |
| Ctrl+G/Q/C / ESC | Abort |  |  |
| fzd within search | | | |
| Ctrl+E | Exec bash | Alt+I | Inspect |
| Alt+E | Install minimal dotfiles | Enter | Logs (quit with q) |
| Ctrl+R | Reload view | Alt+Enter | Dive into underlying image |
| fif within search | | | |
| Ctrl+R | Reload view |  |  |
| fzf.vim | | | |
| ␣f | **F**iles | ␣/ | Lines in current buffer |
| ␣b | **B**uffers | ␣r | **r**ipgrep |
| ␣c | **C**ommands | ␣g | **G**it commits |
| <C-x><C-f> | Complete file + path | <C-x><C-l> | Complete lines from all buffers |
| ␣Tab | Show all mappings |  |  |
| **less** | | | |
| (Shift+)Q / Ctrl+G | Quit |  |  |
| **Interaction with WSL clipboard** (vi copies automatically to clipboard when yanking) | | | |
| Ctrl+P | zsh vi: Paste from clipboard | Ctrl+Y | zsh vi: Copy buffer to clipboard |
| Ctrl+Shift+V/Shift+Ins | All apps: paste from clipboard | Ctrl+Shift+C | All apps: copy to clipboard |
| Ctrl+Ins | Copy selection to clipboard | y | tmux copy mode: Copy into clipboard |
| **forgit (fzf and delta powered)** | | | |
| gi [files] | Interactive git log & show | gfi [search] | Interactive git find in commits |
| gdi [commit] | Interactive git diff/git show | gli [files] | Interactive git log viewer |
| gai [files] | Interactive git add selector | gsi | Interactive git stash viewer |
| gcf | Interactive git checkout file | gri | Interactive git reset HEAD |
| gclean | Interactive git clean selector | gii | Interactive .gitignore generator |
| **More Tools** | | | |
| as-tree | Great for piping from fd, e.g. fd md|as-tree | | |
| cat / batgrep | Alias to bat/batcat (colored, better cat) / combination of bat and ripgrep | | |
| fd/fdh pattern [path] | Find pattern files [in path] / including hidden | | |
| rgh/rgh pattern [path] | Grep pattern files [in path] / including hidden | | |
| tldr | Man replacement. Compatible with tldr, fd, fzf, rg, bat, z and more. | | |
| z / zz | Change directory using most recent and/or highest ranking entries (fzf powered) / limit to current subdirs | | |

# Bash

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

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

# tmux

Prefix for every command – except in CLI and copy mode – is **Ctrl+X** (configured).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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 / Ctrl+n | | New session | | d | **D**etach session | |
| $ | | Rename session | | ~~s~~ | ~~List~~ **~~s~~**~~essions~~ | |
| ( / Page↑ | | Previous session | | ) / Page↓ | Next session | |
| **Windows („Tabs“)** | | | | | | |
| w | | List **w**indows | | c / & | **C**reate / kill window | |
| p / n | | **P**revious / **n**ext window | | Tab / h / l | Go to last / prev / next window | |
| 0..9 | | Go to window number 0..9 | | ' | Go to window by number | |
| f | | **F**ind window by name | | , / . | Rename / move (renumber) window | |
| **Panes (split Windows)** | | | | | | |
| %/v / "/s | New pane with vertical / horizontal split | | | q | | Show pane numbers |
| o / ; | Got to next / last active pane | | | q0..9 | | Go to pane number 0..9 |
| ←/→/↑/↓ | Go to pane left/right/up/down | | | Ctrl+h/l/k/j | | Go to pane left/right/up/down |
| { / } | Move pane to left / right | | | Alt+o / Ctrl+o | | Cycle panes forward / backward |
| ! | Convert pane to window | | | x / Ctrl+d | | Kill pane |
| z / Ctrl+z | Toggle pane zoom | | | Space | | Toggle between pane layouts |
| Ctrl+←/→/↑/↓ | Resize current pane left/right/up/down | | | Ctrl+x | | Toggle panes sync |
| **Copying** | | | | **Extra** | | |
| [ | Enter copy mode | | | t | | Show **t**ime |
| ] / P | Paste copied text | | | ? | | Show shortcuts |
| Ctrl+f | tmux-fzf | | | Ctrl+r | | Reload config |
| **Copy mode (without prefix)** | | | | | | |
| Space / v | Start selection | | | Esc | | Exit selection |
| Enter / y | Copy selection | | | q | | **Q**uit copy mode |
|  |  | | | r | | Toggle rectangle mode |
| Like in vi | Move / search | | | g / G | | **G**o to top / bottom |
| **Plugins** | | | | | | |
| I | Initialize plugins | | | U | | Update plugins |
| Ctrl+f | tmux-fzf | | | Alt+u | | Uninstall orphaned plugins |
| **Shortcuts without Prefix** | | | | | | |
| Shift+F1 | Dotfiles tmux shortcuts | | | Alt+F12 | | Toggle mouse mode |
| Shift+F6 | Rename window | | | Ctrl+F6 | | Rename session |
| Ctrl+Page↑/↓ | Move window | | | Shift+Page↑/↓ | | Move split |
| Shift+F2 | Enter copy mode | | |  | |  |
| Alt+F11 | Expand split to a full window | | | Ctgrl+F11 | | Join window into a vertical split |

# Visual Studio Code

|  |  |  |  |
| --- | --- | --- | --- |
| **Windows + Tabs** | | | |
| Ctrl+N | New file | Ctrl+Shift+N | New window |
| Ctrl+W | Close tab | Ctrl+Shift+T | Reopen last tab |
| Ctrl+K, W | Close all tabs | Ctrl+Shift+W | Close Window |
| Ctrl+\ | Split tab horizontally | Ctrl+Shift+Page↑/Page↓ | Move tab left/right |
| Ctrl+1/2/3 | Focus tab group 1/2/3 | Ctrl+Alt+←/→ | Move tab into new group/back |
| Ctrl+Shift+V | Markdown preview | Ctrl+K, V | Markdown preview to the side |
| **Edit** | | | |
| Ctrl+Shift+K | Cut line | Ctrl+D | Mark word(s) |
| Alt+Shift+↑/↓ | Duplicate line above/below | Alt+↑/↓ | Move line up/down |
| Alt+Z | Toggle word wrap | Alt+Shift+←/→ | Shrink/Expand selection |
| Ctrl+/ | Toggle comment | Ctrl+Shift+[/] | Collapse/Uncollapse |
| Ctrl+Space | Autocompletion | Ctrl+Shift+Space | Parameter hints |
| Ctrl+F2 | Mark all occurrences | Ctrl+K, Ctrl+I | Show hover |
| Ctrl+. | Quick Fix | Shift+Alt+F | Format document |
| Ctrl+L | Add current line to selection | Ctrl+K,Tab | Insert tab literally |
| Alt+Shift+Mouse | Ctrl+Alt+Shift+←/→/↑/↓/Page↑/Page↓ | | Column mode |
| **Refactoring** | | | |
| Ctrl+Shift+R | Refactor | F2 | Rename |
| **Navigation** | | | |
| Ctrl+Shift+P / F1 | Command Palette | Ctrl+P / Ctrl+E | Quick Open, Go to File |
|  |  | Ctrl+R | Open recent |
| Ctrl+G | Go to line | Ctrl+T / Ctrl+Shift+O | Show Symbol / Go to symbol |
| F12 / Alt+F2 | Go to / peek definition | Ctrl+K, F12 | Open definition to the side |
| Shift+F12 | Show references | Ctrl+Shift+. | Navigate in file |
| Ctrl+Shift+\ | Go to matching bracket | Alt+←/→ | Back/forward |
| **Sidebar Views** | | | |
| Ctrl+B | Toggle Sidebar | Ctrl+Shift+F/H | Show search/replace in files |
| Ctrl+Shift+E | Show Explorer/Toggle focus | Ctrl+Shift+G, G | Show Source Control |
| Ctrl+Shift+D | Show Debug/Toggle focus | Ctrl+Shift+E | Show Extensions/Toggle focus |
| Ctrl+, | Settings | Ctrl+K, Ctrl+S | Keyboard shortcuts |
| F11 | Toggle full screen | Ctrl+K, Z | Toggle Zen mode (Esc, Esc: Exit) |
| **Bottom Views** | | | |
| Ctrl+J | Toggle bottom views |  |  |
| Ctrl+Shift+M | Toggle Problems | Ctrl+` | Toggle Terminal |
| Ctrl+Shift+U | Toggle Output | Ctrl+Shift+Y | Toggle Debug Console |
| **Debug** | | | |
| F9 | Toggle Breakpoint | F5 | Start/Continue |
| F11/Shift+F11 | Step into/out | Shift+F5 | Stop |
| F10 | Step over |  |  |

# Windows 11

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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+←/→ | | |
| Multitaskingansicht (Desktops, Programme, Historie) | | Win+Tab | | |
| Alle offenen Programme dauerhaft sehen | | Strg+Alt+Tab | | |
| **Tools** | | | | |
| Suche | | 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 | | |
| Geräte (Wiedergeben, Drucken, Projizieren) | | Win+K | | |
| **P**rojektion | | Win+P | | |
| Aero-Peak | Win+, | Emojis | | Win+. / 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**achrichtencenter | Win+N | **W**idget | | Win+W |
| Erleichterte Bedienung (**U**sage) | Win+U | Bildschirmlupe | | Win++ |
| **G**ame Center | Win+G | Snap-Assistent | | Win+Z |
| Sprachdienste | Win+H | Teams Chat (Special) | | Win+C |
| Globale Zwischenablage | Win+V |  | |  |
| **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>

# Windows Terminal

|  |  |  |  |
| --- | --- | --- | --- |
| **Open/Close** | | | |
| Ctrl+(Shift+)T | New tab | Ctrl+Shift+D | Duplicate tab |
|  |  | Alt+Shift+D | Duplicate tab in auto split |
| Ctrl+Shift+[1..9] | New tab [1..9] | Ctrl+Shift+Space | Tab dropdown |
| Alt+Shift+- | Split pane horizontically | Alt+Shift++ | Split pane vertically |
| Ctrl+Shift+W | Close pane | Alt+F4 | Close Window |
| **Navigation** | | | |
| Alt+←/→/↑/↓ | Move Focus (Pane) | Alt+Shift+←/→/↑/↓ | Resize Pane |
| Ctrl+(Shift+)Tab | Next/Prev Tab | Ctrl+Page↓/Page↑ | Next/Prev Tab |
| Ctrl+Shift+↑/↓ | Scroll Up/Down | Ctrl+Shift+Page↑/Page↓ | Scroll Up/Down Page |
| Alt+Shift+Z | Toggle pane zoom | Ctrl+Alt+[1..9] | Go to Tab [1..9] |
| Ctrl+Alt+←/→/↑/↓ | Swap Pane |  |  |
| **Edit** | | | |
| Ctrl+Shift+C/Ctrl+Ins | Copy | Ctrl+Shift+V / Shift+Ins | Paste |
| Ctrl+Shift+M | Mark Mode | Ctrl+Shift+B | Toggle block selection |
|  |  | Ctrl+Shift+O | Switch selection marker |
| Ctrl++/- | Inc/Dec Font Size | Ctrl+0 | Reset Font Size |
| **Misc** | | | |
| F11 | Fullscreen | Ctrl+, | Settings |

# Powertoys

|  |  |  |  |
| --- | --- | --- | --- |
| **Tools** | | | |
| Win+Ctrl+T | Always in foreground | Char+←/→ | Fast accents |
| Win+Shift+C | Color Chooser | Win+Shift+M | Screen ruler |
| Win+Shift+` | Fancy Zones | Win+Shift+/ | Keyboard combinations |
| Ctrl+Ctrl | Find mouse | Win+Shift+T | Text extractor (OCR) |
| Ctrl+Alt+/ | Run |  |  |

# MS Office

|  |  |
| --- | --- |
| Ribbon anzeigen/ausblenden | Strg+F1 |
| Vollbild / Zen | Strg+Shift+F1 |
| „Was möchten Sie tun” | Alt+M |
| **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 |
| Tab suchen | Ctrl+Shift+A |
| **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 |

# 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

|  |  |  |  |
| --- | --- | --- | --- |
| **Command Palette** | | | |
| Command Palette | Ctrl+K/Ctrl+Alt+K | @ / ! / ? | Orgs, Repos, Users / Projects / Help |
| Short for Ctrl+K, > | Ctrl+Shift+K | / | Files in current Repo |
| > | Commands | # | Issues, PRs, discussions, Projects |
| **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** | | | |
| Move selection down / up | J / K | Commits / Changed files | C / T |
| **Notifications** | | | |
| Mark as read | E / L / Y | Mute thread | Shift+M |
| **Network Graph** | | | |
| Scroll left/right/up/down | ← / → / ↑ / ↓ | Scroll left/right/up/down | H / L / K / J |
| Scroll far left | Shift+← / Shift+H | Scroll far up | Shift+↑ / Shift+K |
| Scroll far right | Shift+→ / Shift+L | 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

Also see <https://www.postgresql.org/docs/9.6/static/app-psql.html>, section Meta-Commands.

|  |  |
| --- | --- |
| Postgresql help | \h [<command>] |
| psql help | \? |
| Quit | \q  Ctrl+d |
| Show databases | \l  \l+  SELECT datname FROM pg\_database; |
| Select database | \c <database> |
| Show schemas | \dn  \dn+  SELECT schema\_name FROM information\_schema.schemata; |
| Show search\_path | SHOW search\_path; |
| Change search\_path | SET search\_path TO <schema>; |
| Show everything | \d  \d+ |
| Show tables | \dt  \dt+  SELECT \* FROM pg\_catalog.pg\_tables WHERE schemaname != 'pg\_catalog' AND schemaname != 'information\_schema'; |
| Change password | \password [<user>] |