

# Java Developer Neovim Cheat Sheet

Kickstart.nvim + Telescope + LSP (jdtls via nvim-jdtls) — practical daily commands

## Navigation & Search (Project scale)

Action	Key / Command	Notes
Find files	<leader>sf	Telescope file picker
Live grep (project text)	<leader>sg	Search strings/logs across repo
Grep current word	<leader>sw	Search current word in project
Search diagnostics	<leader>sd	Telescope diagnostics picker
Search in current buffer	<leader>/	Fuzzy find within current file
Live grep in open files	<leader>s/	Only currently-open buffers
Resume last Telescope picker	<leader>sr	Repeat last search quickly
List open buffers	<leader><leader>	Switch buffers quickly
Document symbols	gO	Outline for current file
Workspace symbols	gW	Best way to find classes/methods
Go to definition	grd	Telescope LSP definitions
Go to declaration	grD	Less common than definition
Go to implementation	gri	Interface → implementation
Go to references	grr	See all usages before refactor
Go to type definition	grt	Jump to type of symbol
Jump back/forward	<C-o> / <C-i>	Navigate jump list
Prev/next in file search	n / N	After a / or * search

## Refactoring (LSP + jdtls)

Action	Key / Command	Notes
Rename symbol (semantic)	grn	Safe rename across files (when jdtls workspace is correct)
Code actions	gra	Fix imports/errors; quick refactors (normal+visual)
Format buffer	<leader>f	Conform format; LSP fallback
Organize imports (jdtls)	<leader>jo	Remove unused + sort imports
Inline variable (jdtls)	<leader>ji	Replace var with expression
Super implementation (jdtls)	<leader>js	Jump to super method impl
Extract variable (jdtls)	Visual + <leader>je	Extract selection to local var
Extract constant (jdtls)	Visual + <leader>jE	Extract selection to constant
Extract method (jdtls)	Visual + <leader>jm	Extract selection to new method

## Java Build & Tests (jdtls)

Action	Key / Command	Notes
--------	---------------	-------

Compile	<leader>jc	Trigger jdtls compile
Test nearest method	<leader>jt	Run JUnit test at cursor
Test class	<leader>jT	Run all tests in class
Restart jdtls	<leader>jr	Fix stuck LSP / refresh workspace

## Diagnostics & Error Handling

Action	Key / Command	Notes
Open diagnostic list	<leader>q	Populate location list with diagnostics
Jump to next/prev diagnostic	]d / [d	Default in many setups; if missing, use :help diagnostic
Hover docs / info	K	Hover (types, docs, diagnostics)
Open floating diagnostic	:lua vim.diagnostic.open_float()	Handy when hover is not enough

## Editing: high-ROI Vim motions

Action	Key / Command	Notes
Change word / around word	ciw / caw	Refactor identifiers fast
Delete word / around word	diw / daw	Remove identifiers safely
Change to end of line	C	Rewrite statement tail
Delete to end of line	D	Remove statement tail
Substitute whole line	S	Replace entire line quickly
Select inside braces / parens	vi{ / vi( / vi[	Great for extracting blocks
Select a paragraph/block	vip	Select logical chunks
Jump matching brace/paren	%	Navigate Java blocks
Move to next/prev block	} / {	Jump between code blocks
Indent / outdent selection	> / <	Visual mode indenting
Re-indent whole file	gg=G	Quick indentation cleanup

## Multi-edit & Replace

Action	Key / Command	Notes
Search word under cursor	*	Then n/N to navigate
Replace in file (confirm)	:%s/\<old\>/new/gc	Use \< \> to match whole words
Replace using last search	:%s//new/gc	Reuses previous / search or *
Replace on current line	:s/\<old\>/new/gc	No % = only current line
Replace in visual selection	Visual → :s/old/new/g	Applies only to selected lines
Range replace	:10,50s/old/new/gc	Only line 10–50
Quickfix open/close	:copen / :cclose	After grep/build/vimgrep

## Registers, Clipboard, Undo

Action	Key / Command	Notes
Paste last yank (not delete)	"Op	Avoids delete overwriting your yank
Delete without yanking	"_d	Black-hole register
System clipboard paste	"+p	If you need explicit OS clipboard
Undo / Redo	u / <C-r>	Standard
Time-travel undo	:earlier 5m / :later 5m	Undo history navigation

## Windows & Terminal

Action	Key / Command	Notes
Move between splits	<C-h>/<C-j>/<C-k>/<C-l>	Your Kickstart mappings
Exit terminal mode	<Esc><Esc>	Kickstart terminal escape

## Mini.surround (you have mini.nvim)

Action	Key / Command	Notes
Add surrounding	sa{motion}{char}	e.g., saiw) wraps word in ()
Delete surrounding	sd{char}	e.g., sd) removes surrounding ()
Replace surrounding	sr{old}{new}	e.g., sr)' replaces () with ''

**Tip:** If grn only renames one spot, check :LspInfo and ensure jdtls is attached with the correct project root (open Neovim from the repo root, e.g. nvim .).