

Language Smart

Editing with Neovim

My Goal

Show you the power Neovim gives you to edit
source code with language smart features

Slide 2

What do people expect of their IDE? -
completion - builtin manual completion that
is more explicit than typical editors -
automatic completion not supported out of
boxy - completion can be enhanced by
configuration and plugin configuration -
hover menu - no hover menu by default - hover
menu can be provided by configuration - can
be enhanced by plugin configuration -

function signature help - no signature help
by default - can be provided by configuration
- can be enhanced by plugin configuration -
diagnostics - no diagnostics by default - can
be provided by configuration - can be
enhanced by plugin configuration - renaming -
non-language aware text replace can be done
with substitute out of the box - can be
provided by configuration - can be enhanced
by plugin configuration - linting - provided

by :compiler and :make eslint.vim - ESLint
(JavaScript/TypeScript linter) jshint.vim -
JSHint (JavaScript linter) checkstyle.vim -
Checkstyle (Java linter) cppcheck.vim -
Cppcheck (C/C++ linter) csslint.vim - CSSLint
(CSS linter) jsonlint.vim - JSONLint (JSON
validator/linter) perlritic.vim -
Perl::Critic (Perl linter) pylint.vim -
Pylint (Python linter) rubocop.vim - RuboCop
(Ruby linter) ruff.vim - Ruff (Fast Python

linter) shellcheck.vim - ShellCheck (Shell script linter) splint.vim - Splint (C code linter) spotbugs.vim - SpotBugs (Java static analysis tool, successor to FindBugs) standard.vim - JavaScript Standard Style (JavaScript linter) stylelint.vim - stylelint (CSS/SCSS linter) yamllint.vim - YAMLLint (YAML linter) xo.vim - xo (JavaScript/TypeScript linter) - formatting - gq, gw, gu, gU - :retab - :left, :center,

:right - &formatprg - goto definition - goto
declaration - goto references - goto
interface - goto type definition - call
hierarchy - remote file editing - refactoring
- testing integration - source control
integration - build system integration -
debugger integration - ai integration -
spellcheck - plugin support - multicursors -
code folding - snippets - whitespace
visualization - file tree - integrated

terminal - list file symbols - list workspace
symbols - auto includes/imports/requires -
file finding - regex finding - window
management - highlighting - refactoring -
repeat actions - in-editor documentation -
man pages

Organize these by: - supported out of the box
- supported by configuration - supported by
plugin configuration - enhanced by
configuration - enhanced by plugin

configuration - not supported