ENSIME

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Code of Conduct: **Typelevel**

Emacs

Cheat Sheet

Learning Emacs

Cheat Sheet

Customisation

To customise your ENSIME Emacs experience, don't forget to read through the user-customisable variables with `M-x customize-group RET ensime RET` , as defined in ensime-vars.el.

Source

Shortcut	Description
`C-c C-v f`	Format the current source file
`C-c C-v r`	List all references to the symbol under the cursor
`C-c C-v i` **or** `Control+Right-click`	Inspect the type of the expression under the cursor
`C-c C-v 5 i`	Inspect the type of the expression under the cursor, in other frame
`C-c C-v t` **or hover mouse**	Show the type of the symbol under the cursor
`C-c C-v e` **or hover mouse**	Show compile warnings under the cursor ; show implicit conversions when applicable
`C-c C-v p`	Inspect the package of the current source file, or the package under the cursor
`C-c C-v o`	Inspect the package specified in .ensime as :project-package.
`C-c C-v u`	Undo a refactoring or formatting change

Presentation Compiler

Shortcut	Description
`C-c C-c c`	Typecheck the current file
`C-c C-c a`	Typecheck all files in the project
`C-c C-c r`	Reset the typechecker then typecheck all open files in the project
`C-c C-c e`	Show all errors and warnings from the last typecheck or compilation

Testing

Shortcut	Description
`C-c C-t t`	Go to (or create) test for current class
`C-c C-t i`	Go to implementation of the current test

Refactoring

Shortcut	Description
`C-c C-r a`	Add type to the symbol under the cursor
`C-c C-r o`	Organize imports in the current file
`C-c C-r t`	Import the type under the cursor
`C-c C-r r`	Rename the symbol under the cursor
`C-c C-r l`	Extract the region into a local value
`C-c C-r m`	Extract the region into a method

Shortcut	Description
`C-c C-r i`	Inline the local value under the cursor

Navigation

Shortcut	Description
`M-.` **or** `Control+Left-Click`	Jump to the definition of the symbol under the cursor
`M-x ensime-edit-definition-other-window`	Jump to the definition of the symbol under the cursor, into another window
`M-x ensime-edit-definition-other-frame`	Jump to the definition of the symbol under the cursor, into another frame
`M-,`	Pop back to the previously visited position
`M-n`	Go to the next compilation note in the current buffer
`M-p`	Go to the previous compilation note in the current buffer
`C-c C-v .`	Select the surrounding syntactic context. Subsequent taps of ¨. and ¨; will grow and shrink the selection, resp
`C-c C-v v`	Search globally for methods or types

Documentation

Shortcut	Description
`C-c C-v d`	Browse the documentation of the symbol under the cursor

SBT

Much of this is a wrapper over `sbt-mode` , so don't forget that you also have commands provided as-is by that package.

Shortcut	Description
`C-c C-b s` **or** `C-c C-v s`	Start a SBT process, or switch to an existing one
`C-c C-b S`	Switch to buffer containing the stack trace parser
`C-c C-b c`	Compile
`C-c C-b n`	Clean
`C-c C-b o`	Run the current test
`C-c C-b p`	Package
`C-c C-b r`	Run
`C-c C-b T`	Run all tests
`C-c C-b t`	Run "quick" tests (tests impacted by recent changes)

Type/package inspector

Shortcut	Description
`TAB` **or** `M-n`	Forward page
`M-p`	Backward page
`RET` **or** `Left-Click`	If the cursor is over a type, inspect that type. If the cursor is over a method, go to its source code
`,`	Go back in the inspector history
`.`	Go forward in the inspector history

Debugger

Shortcut	Description
`C-c C-d d`	Start the debugger
`C-c C-d b`	Set a breakpoint at the current line
`C-c C-d u`	Remove the breakpoint at the current line
`C-c C-d a`	Remove all breakpoints
`C-c C-d r`	Start debugging the current program
`C-c C-d s`	Step into method invocations
`C-c C-d o`	Step out of method invocations
`C-c C-d n`	Step to the next line

Shortcut	Description
`C-c C-d c`	Continue the program execution
`C-c C-d q`	Stop debugging the current program
`C-c C-d t`	Show the current backtrace
`C-c C-d i`	Inspect the value of the symbol under the cursor

REPL

Shortcut	Description
`C-c C-v z`	Start the Scala REPL or switch to it
`C-c C-v C-r`	Send the region to the REPL
`C-c C-v b`	Evaluate the current buffer in the REPL
`C-c C-v l`	Prompt for a file and load it in the REPL

Miscellaneous

Shortcut	Description
`C-c C-b S`	Create a "stacktrace" buffer or switch to it
`M-x ensime-shutdown`	Shut down ENSIME
`M-x ensime-reload`	Reload the .ensime file and recompile the project
`M-x ensime-inspect-by-path`	Prompt for a type or package and inspect it

[edit]