

Package ‘codriver’

August 8, 2026

Title Context-Aware AI Assistant for 'RStudio'

Version 1.0.0

Description A context-aware AI assistant for 'RStudio' that works directly in the source editor without switching context or opening a separate chat window. Reads the cursor position and selection to automatically choose the right action - generate, complete, continue, edit, or comment. Supports configuration of multiple large language model providers and can be invoked via the keyboard shortcut or Addins menu.

URL <https://vdwulp.github.io/codriver/>

BugReports <https://github.com/vdwulp/codriver/issues>

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Encoding UTF-8

Config/roxygen2/version 8.0.0

Config/roxygen2/markdown TRUE

Config/testthat/edition 3

VignetteBuilder knitr

SystemRequirements RStudio (>= 2026.04,
<https://posit.co/download/rstudio-desktop/>)

Depends R (>= 4.0.0)

Imports cli, ellmer (>= 0.3.0), jsonlite, rlang, rstudio.prefs (>= 0.1.6), rstudioapi (>= 0.19.0)

Suggests testthat (>= 3.0.0), glue, knitr, rmarkdown, withr

NeedsCompilation no

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Repository CRAN

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codriver

Context-aware AI assistant for RStudio

Description

Inspects the current editor context — cursor position and any selection — and automatically chooses and executes one of five modes: complete, continue, generate, edit, or comment. Results are presented as ghost text or an edit suggestion directly in the source editor.

Usage

```
codriver()
```

Details

Codriver is intended to be invoked via a keyboard shortcut **Ctrl+/ **(default) or the RStudio **Addins** menu, not called directly. Use [codriver_configure\(\)](#) to set up a provider and register the recommended shortcut before first use.****

Value

Returns TRUE invisibly on success. Returns FALSE invisibly if RStudio is not available, no configuration is found, or the mode cannot be resolved.

See Also

- [codriver_configure\(\)](#) to set up the LLM provider and recommended keyboard shortcut
- [vignette\("getting-started-with-codriver"\)](#) for extended information on configuring codriver
- [vignette\("start-using-codriver"\)](#) for an overview of modes and result presentation

codriver_configure	<i>Configure codriver</i>
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Description

Set up the AI provider that codriver uses to generate and edit R code and comments. The configuration is saved locally and validated immediately by making a test call to the provider.

Usage

```
codriver_configure(name, ...)
```

Arguments

name	Character. Provider name passed to <code>ellmer::chat()</code> , in the form "provider" or "provider/model". Supported providers are listed on https://ellmer.tidyverse.org/index.html#providers .
...	Named arguments passed to the ellmer constructor, such as <code>model</code> or <code>base_url</code> .

Details

Pass any arguments supported by the underlying `ellmer::chat()` constructor directly via `name` and `...`.

If no keyboard shortcut is registered for codriver, the function offers to register the default shortcut Ctrl+/. Shortcut registration is strongly recommended but can be skipped or changed later via Tools > Modify Keyboard Shortcuts in RStudio.

Value

Returns TRUE invisibly on successful provider configuration. Returns FALSE invisibly if RStudio is not available or provider validation fails.

See Also

- `vignette("getting-started-with-codriver")` for extended information on configuring codriver
- `vignette("start-using-codriver")` for an overview of modes and result presentation
- `ellmer::chat()` and supported providers at <https://ellmer.tidyverse.org/index.html#providers>

Examples

```
## Not run:
codriver_configure("openai", model = "gpt-4o")
codriver_configure("openai_compatible/mistral", base_url = "http://localhost:1234/v1")

## End(Not run)
```

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