

Package ‘box.lsp’

July 22, 2025

Title Provides 'box' Compatibility for 'languageserver'

Version 0.1.3

Description A 'box' compatible custom language parser for the 'languageserver' package to provide completion and signature hints in code editors.

URL <https://github.com/Appsilon/box.lsp>,
<https://appsilon.github.io/box.lsp/>

BugReports <https://github.com/Appsilon/box.lsp/issues>

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Encoding UTF-8

RoxygenNote 7.3.2

Imports box, cli, fs, rlang

Suggests languageserver, lintr, magrittr, mockery, purrr, rprojroot,
stringi, stringr, testthat (>= 3.0.0), withr

Config/testthat/edition 3

NeedsCompilation no

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box_use_parser	<i>'box::use' Document Parser</i>
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Description

Custom {languageserver} parser hook for {box} modules.

Usage

```
box_use_parser(expr, action)
```

Arguments

expr	An R expression to evaluate
action	A list of action functions from <code>languageserver:::parse_expr()</code> .

Value

Used for side-effects provided by the action list of functions.

Examples

```
action <- list(
  assign = function(symbol, value) {
    cat(paste("ASSIGN: ", symbol, value, "\n"))
  },
  update = function(packages) {
    cat(paste("Packages: ", packages, "\n"))
  },
  parse = function(x) {
    cat(paste("Parse: ", names(x), x, "\n"))
  },
  parse_args = function(x) {
    cat(paste("Parse Args: ", names(x), x, "\n"))
  }
)
box_use_parser(expr = expression(box::use(fs)), action = action)
```

use_box_lsp	<i>Configures a project to use {box.lsp}</i>
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Description

Configures a project to use {box.lsp}

Usage

```
use_box_lsp(file_path = ".Rprofile")
```

Arguments

file_path File name to append {box.lsp} configuration lines.

Value

Writes configuration lines to file_path.

Examples

```
if (interactive()) {  
  use_box_lsp()  
}
```

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