

Package ‘languageserver’

September 24, 2026

Type Package

Title Language Server Protocol

Version 0.3.20

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Description An implementation of the Language Server Protocol for R. The Language Server protocol is used by an editor client to integrate features like auto completion. See <https://microsoft.github.io/language-server-protocol/> for details.

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URL <https://github.com/REditorSupport/languageserver/>

Depends R (>= 3.4.0)

Imports callr (>= 3.0.0), collections (>= 0.3.0), digest, fs (>= 1.3.1), jsonlite (>= 1.6), lintr (>= 3.0.0), parallel, R6 (>= 2.4.1), roxygen2 (>= 7.0.0), stringi (>= 1.1.7), styler (>= 1.5.1), tools, utils, xml2 (>= 1.2.2), xmlparsedata (>= 1.0.3)

Suggests covr (>= 3.4.0), magrittr (>= 1.5), mockery (>= 0.4.2), pacman, processx (>= 3.4.1), purrr (>= 0.3.3), testthat (>= 2.1.0), withr (>= 2.3.0), rmarkdown (>= 2.0), stringr

ByteCompile yes

Encoding UTF-8

NeedsCompilation yes

Config/testthat/edition 3

Config/testthat/parallel true

Config/Needs/development testthat, magrittr, mockery, purrr, withr, rmarkdown

Config/roxygen2/version 8.1.0

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Repository CRAN

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	<i>languageserver: Language Server Protocol</i>

Description

An implementation of the Language Server Protocol for R. The Language Server protocol is used by an editor client to integrate features like auto completion. See <https://microsoft.github.io/language-server-protocol/> for details.

Details

An implementation of the Language Server Protocol for R

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See Also

Useful links:

- <https://github.com/REditorSupport/languageserver/>

diagnostics	<i>diagnostics</i>
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Description

Diagnose problems in files after linting.

run	<i>Run the R language server</i>
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Description

Run the R language server

Usage

```
run(debug = FALSE, host = "localhost", port = NULL)
```

Arguments

debug	set TRUE to show debug information in stderr; or it could be a character string specifying the log file
host	the hostname used to create the tcp server, not used when port is NULL
port	the port used to create the tcp server. If NULL, use stdio instead.

Examples

```
## Not run:  
# to use stdio  
languageserver::run()  
  
# to use tcp server  
languageserver::run(port = 8888)  
  
## End(Not run)
```

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