

# Package ‘languageserver’

September 15, 2020

**Type** Package

**Title** Language Server Protocol

**Version** 0.3.7

**Date** 2020-9-12

**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), desc (>= 1.2.0), fs (>= 1.3.1), jsonlite (>= 1.6), lintr (>= 2.0.0), parallel, R6 (>= 2.4.1), repr (>= 1.1.0), roxygen2 (>= 7.0.0), stringi (>= 1.1.7), styler (>= 1.2.0), tools, utils, xml2 (>= 1.2.2), xmlparsedata (>= 1.0.3)

**Suggests** covr (>= 3.4.0), magrittr (>= 1.5), mockery (>= 0.4.2), processx (>= 3.4.1), purrr (>= 0.3.3), testthat (>= 2.1.0), withr (>= 2.1.2)

**ByteCompile** yes

**Encoding** UTF-8

**LazyData** true

**NeedsCompilation** yes

**RoxygenNote** 7.1.1

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**Repository** CRAN

**Date/Publication** 2020-09-15 05:30:02 UTC

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languageserver-package

*languageserver: Language Server Protocol*

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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.

### Details

An implementation of the Language Server Protocol for R

### Author(s)

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### See Also

Useful links:

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

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run

*Run the R language server*

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### Description

Run the R language server

### Usage

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

**Arguments**

<code>debug</code>	set TRUE to show debug information in stderr; or it could be a character string specifying the log file
<code>host</code>	the hostname used to create the tcp server, not used when port is NULL
<code>port</code>	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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