Package: jenkins (via r-universe)

August 30, 2026

Type Package

Title Simple Jenkins Client for R

Version 1.0.9102

Author Jeroen Ooms

Maintainer Jeroen Ooms <jeroenooms@gmail.com>

Description Manage jobs and builds on your Jenkins CI server <https://jenkins.io/>. Create and edit projects, schedule builds, manage the queue, download build logs, and much more.

License MIT + file LICENSE

URL https://docs.ropensci.org/jenkins/ (website), https://github.com/ropensci/jenkins

BugReports https://github.com/ropensci/jenkins/issues

Encoding UTF-8

Imports curl, jsonlite

LazyData true

RoxygenNote 6.1.1

Roxygen list(markdown = TRUE)

Config/pak/sysreqs libssl-dev

Repository https://ropensci.r-universe.dev

Date/Publication 2024-09-09 17:50:42 UTC

RemoteUrl https://github.com/ropensci/jenkins

RemoteRef master

RemoteSha 2963fcecc5483029a1c6a551b63423035b947f89

Contents

jenkins 2

Index **4**

jenkins *Jenkins Client*

Description

Simple client for managing jobs and builds on a Jenkins server. Set a default access token via the JENKINS_PAT environment variable.

Usage

```
jenkins(server = "http://jenkins.ropensci.org", username = "jeroen",
  token = jenkins_pat(), verbose = FALSE)
```

Arguments

server	base url of the jenkins server
username	name of the jenkins user to login
token	authentication token (or password) for your jenkins server.
verbose	print http output for debugging

Methods

```
## jk <- jenkins('https://ci.yourserver.com')
<jenkins>
 $build_info(job_name, build_id = "lastBuild")
 $build_log(job_name, build_id = "lastBuild")
 $build_stop(job_name, build_id = "lastBuild")
 $node_info(node_name = "master")
 $node_list()
 $project_build(job_name, params = list(KEEP_CACHE = "true"))
 $project_build_all(delay = 0.5, shuffle = FALSE, keep_cache = TRUE, update_universe = FALSE)
 $project_config(job_name)
 $project_create(job_name, xml_string)
 $project_delete(job_name)
 $project_disable(job_name)
 $project_enable(job_name)
 $project_list()
 $project_update(job_name, xml_string)
 $queue_cancel(queue_id)
 $queue_cancel_all()
 $queue_info(queue_id)
 $queue_list()
 $server_info()
 $user_info(user_name = username)
 $user_list()
 $view_create(view_name, xml_string)
```

```
$view_delete(view_name)
$view_info(view_name)
$view_list()
$view_update(view_name, xml_string)
```

References

https://wiki.jenkins.io/display/JENKINS/Terminology

Examples

```
## Not run: # This requires a jenkins server
jk <- jenkins(server = 'http://jenkins.ropensci.org', username = 'jeroen')

# Do stuff
jk$server_info()
jk$project_build('magick')

# It's now in the queue
jk$queue_list()

# Check build status
jk$build_info('magick')

# Get latest build log
jk$build_log('magick', build_id = 'lastCompletedBuild')

## End(Not run)
```

Index

jenkins, 2