

Package: jenkins (via r-universe)

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Type Package

Title Simple Jenkins Client for R

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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.

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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

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Config/pak/sysreqs libssl-dev

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

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

RemoteRef master

RemoteSha 2963fcecc5483029a1c6a551b63423035b947f89

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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)
```

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