

Package ‘oysteR’

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Title Scans R Projects for Vulnerable Third Party Dependencies

Version 0.0.3

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Description Collects a list of your third party R packages, and scans them with the 'OSS' Index provided by 'Sonatype', reporting back on any vulnerabilities that are found in the third party packages you use.

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URL <https://github.com/sonatype-nexus-community/oysteR>

BugReports <https://github.com/sonatype-nexus-community/oysteR/issues>

Depends R (>= 3.5.0)

Imports cli, dplyr, glue, httr, purrr, rjson, tibble, tidyr, utils

Suggests httpptest, knitr, rmarkdown, testthat (>= 2.1.0)

Encoding UTF-8

LazyData true

RoxygenNote 7.1.0

NeedsCompilation no

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Repository CRAN

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audit_deps	<i>Check Package Dependencies Collects R dependencies and checks them against OSS Index. Returns a tibble of results.</i>
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Description

Check Package Dependencies

Collects R dependencies and checks them against OSS Index. Returns a tibble of results.

Usage

```
audit_deps(pkgs = NULL, verbose = TRUE)
```

Arguments

pkgs	Default NULL. See details for further information.
verbose	Default TRUE.

Details

By default, packages listed in `installed.packages()` are scanned by sonatype. However, you can pass your own data frame of packages. This data frame should have two columns, `version` and `package`.

Value

A tibble/data.frame.

Examples

```
# Audit installed packages
# This calls installed.packages()
# pkgs = audit_deps()

# Or pass your own packages
pkgs = data.frame(package = c("abind", "acepack"),
                  version = c("1.4-5", "1.4.1"))
audit_deps(pkgs)
```

get_vulnerabilities *Extract vulnerabilities Parse the audit data frame (obtained via audit_deps), and extract the vulnerabilities.*

Description

Extract vulnerabilities

Parse the audit data frame (obtained via audit_deps), and extract the vulnerabilities.

Usage

```
get_vulnerabilities(audit)
```

Arguments

audit Output from audit_deps.

Examples

```
# Audit installed packages
# This calls installed.packages()
# pkgs = audit_deps()

# Or pass your own packages
pkgs = data.frame(package = c("abind", "acepack"),
                  version = c("1.4-5", "1.4.1"))
deps = audit_deps(pkgs)
get_vulnerabilities(deps)
```

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