Package: vulnr (via r-universe)

November 7, 2026

Title Scan R Packages for Vulnerabilities

Version 0.1.0

Date 2026-10-23

Description Scan R package dependencies for known security vulnerabilities using the OSV database, with support for renv.lock, installed libraries, and user-supplied package versions.

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URL https://github.com/Dschaykib/vulnr

BugReports https://github.com/Dschaykib/vulnr/issues

Imports data.table, httr, jsonlite (>= 1.8.8), stats, tools, utils

Suggests testthat

Config/roxygen2/version 8.1.1

Encoding UTF-8

NeedsCompilation no

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

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check *Check R dependencies for known vulnerabilities*

Description

Scans explicitly supplied package data, an ‘renv.lock‘ file, and installed libraries, then queries the OSV database for known vulnerabilities.

Usage

```
check(
  data = NULL,
  renv_file = NULL,
  lib = NULL,
  dcf = NULL,
  error_level = "LOW",
  group = TRUE,
  return_cves = FALSE,
  dependencies = FALSE
)
```

Arguments

data	Optional data frame with ‘Package‘ and ‘Version‘ columns or a vector with package names.
renv_file	Path to an ‘renv.lock‘ file, or ‘NULL‘ to skip it.
lib	Character vector of library paths, or ‘NULL‘ to skip installed libraries.
dcf	Path to a DESCRIPTION file, or ‘NULL‘ to skip it.
error_level	Minimum severity that causes an error. One of ‘CRITICAL‘, ‘HIGH‘, ‘MEDIUM‘, or ‘LOW‘.
group	Logical; if ‘TRUE‘, group findings by package in the report.
return_cves	Logical; if ‘TRUE‘, return the CVE data table instead of reporting findings with a warning or error.
dependencies	Logical; if ‘TRUE‘, include recursive strong package dependencies in the scan.

Value

Invisibly returns ‘NULL‘ by default. If ‘return_cves‘ is ‘TRUE‘, returns the CVE data table.

Examples

```
# check specific packages
check(data = "data.table")

## Not run:
# check a renv.lock file
```

```
check(renv_file = "renv.lock")

## End(Not run)
```

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