Package 'rdeps'

July 23, 2025

Type Package

Title Identify External Packages Used in a Project

Version 0.3

Description Screens all '.R', '.Rmd', and '.qmd' files to extract the name of
packages used in a project. This package detects packages called with
'library(foo)', 'require(foo)', 'foo::bar()' and 'use(``foo'', ``bar'')' and
adds these dependencies in the DESCRIPTION file in the sections Depends,
Imports, and Suggests.

URL <https://github.com/frbcesab/rdeps>

BugReports <https://github.com/frbcesab/rdeps/issues>

License GPL (>= 2)

Encoding UTF-8

RoxygenNote 7.3.2

Imports cli, utils

NeedsCompilation no

Author Nicolas Casajus [aut, cre, cph] (ORCID:
<<https://orcid.org/0000-0002-5537-5294>>)

Maintainer Nicolas Casajus <nicolas.casajus@fondationbiodiversite.fr>

Repository CRAN

Date/Publication 2025-04-23 08:20:02 UTC

Contents

---

add_deps   *Add required dependencies to the description file*

Description

This function detects external packages used in an R project (package, compendium, website, etc.) and updates the sections **Depends**, **Imports**, and **Suggests** of the DESCRIPTION file.

A DESCRIPTION file can be created and added to an existing project with the function use_description() of the package usethis.

All .R, .Rmd, and .qmd files are screened to identify packages called by library(foo), library("foo"), library('foo'), require(foo), require("foo"), require('foo'), foo::bar() or use("foo", "bar").

Different types of dependencies are handled with the following rules:

- if a package is called with library(foo) or require(foo), it will be added to the section **Depends** of the DESCRIPTION file (except for vignettes and tests);

- if the package is called with foo::bar() or use("foo", "bar"), it will be added to the section **Imports** of the DESCRIPTION file (except for vignettes and tests);

- if the package is only used in vignettes or tests, it will be added to the section **Suggests** of the DESCRIPTION file.

This function also screens the NAMESPACE file (it detects packages mentioned as import(foo) and importFrom(foo,bar)) and @examples sections of roxygen2 headers. The detected packages are added in the **Imports** section of the DESCRIPTION file.

If the project is not an R package, non-standard folders are also screened (i.e. analyses/, paper/, etc.). The detected packages are added in the **Imports** section of the DESCRIPTION file.

Usage

```
add_deps()
```

Value

No return value.

Examples

```
## Not run:
add_deps()

## End(Not run)
```

Index

add_deps,