Package: deps (via r-universe)

September 5, 2024

Type Package

Title Dependency Management with 'roxygen'-Style Comments

Version 0.4.0

Description Manage your source code dependencies by decorating your existing R code with special, 'roxygen'-style comments.

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LazyLoad yes

Imports renv, jsonlite, remotes

RoxygenNote 7.3.1

Encoding UTF-8

Roxygen list(markdown = TRUE)

BugReports https://github.com/analythium/deps/issues

URL https://hub.analythium.io/deps/,
https://github.com/analythium/deps

Language en-US

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

RemoteUrl https://github.com/analythium/deps

RemoteRef HEAD

RemoteSha 2e1a4c248801deee42e2bdff1029a0123e9c68c6

Contents

create *Create a Dependencies JSON File*

Description

Discover dependencies and write a `dependencies.json` file.

Usage

```
create(
  dir = getwd(),
  file = "dependencies.json",
  output = dir,
  installed = c("base", "recommended"),
  overwrite = TRUE,
  ask = TRUE
)
```

Arguments

`dir`	Path to the directory where the files to be scanned are located.
`file`	The name of the file to be save, default is `"dependencies.json"`.
`output`	Path to the directory where JSON file should be written to.
`installed`	The `priority` argument for `installed.packages()` for packages to be excluded.
`overwrite`	Logical, should the `file` in the `output` directory be overwritten if exists?
`ask`	Logical, asking confirmation before writing the `dependencies.json` file.

Value

Invisibly returns the list of file names that were created. The side effect is a JSON (and possibly a text for system requirements) file written to the hard drive. The function fails when there are no R related files in `dir`.

Examples

```
dir <- system.file("examples/01-basic", package = "deps")
out <- tempdir()
create(dir, output = out, ask = interactive())
cat(readLines(file.path(out, "dependencies.json")), sep = "\n")
unlink(file.path(out, "dependencies.json"))
```

`install` *Install Dependencies*

Description

Install dependencies from an existing `dependencies.json` file or after discovering the dependencies.

Usage

```
install(
  dir = getwd(),
  file = "dependencies.json",
  upgrade = "never",
  cleanup = TRUE,
  timeout = 300L,
  ask = TRUE,
  ...
)
```

Arguments

`dir`	Path to the directory where the JSON file should be written to.
`file`	The name of the file to be save, default is `"dependencies.json"`. If the file is not found in `dir`, `create()` is called.
`upgrade`	Should package dependencies be upgraded? Argument passed to remotes functions.
`cleanup`	Logical, clean up files created by `create()` when `file` does not exist.
`timeout`	Integer, timeout for file downloads (default 60 seconds can be short).
`ask`	Logical, asking confirmation before writing the `dependencies.json` file.
`...`	Other argument passed to remotes functions.

Value

Returns `NULL` invisibly. The side effect is the dependencies installed.

Examples

```
dir <- system.file("examples/01-basic", package = "deps")
out <- tempdir()
create(dir, output = out, ask = interactive())
cat(readLines(file.path(out, "dependencies.json")), sep = "\n")
## Not run:
install(out)

## End(Not run)
unlink(file.path(out, "dependencies.json"))
```

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