Package 'pkgKitten'

October 14, 2022

Type Package

Title Create Simple Packages Which Do not Upset R Package Checks

Version 0.2.2

Date 2021-07-19

Author Dirk Eddelbuettel

Maintainer Dirk Eddelbuettel <edd@debian.org>

Description Provides a function kitten() which creates cute little
packages which pass R package checks. This sets it apart from
package.skeleton() which it calls, and which leaves imperfect files
behind. As this is not exactly helpful for beginners, kitten() offers
an alternative. Unit test support can be added via the 'tinytest'
package (if present), and documentation-creation support can be
added via 'roxygen2' (if present).

License GPL (>= 2)

Suggests whoami (>= 1.1.0), tinytest, roxygen2

URL https://github.com/eddelbuettel/pkgkitten,
https://dirk.eddelbuettel.com/code/pkgkitten.html

BugReports https://github.com/eddelbuettel/pkgkitten/issues

RoxygenNote 6.0.1

NeedsCompilation no

Repository CRAN

Date/Publication 2021-07-20 05:10:02 UTC

R topics documented:

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pkgKitten-package   *Create simple packages using the* kitten *function.*

Description

The base R function package.skeleton() is very helpful, but insist on creating packages which
do not pass R CMD check.

That is silly,

This package helps with this issue. No more, no less.

Author(s)

Dirk Eddelbuettel wrote the package and maintains it.

See Also

package.skeleton, the 'Writing R Extensions' manual.

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kitten   *Create a very simple package*

Description

The kitten function creates an (almost) empty example package.

Usage

```
kitten(name = "anRpackage", path = ".", author, maintainer, email,
  license = "GPL (>= 2)", puppy = TRUE, bunny = TRUE)
```

Arguments

name	The name of the package to be created, defaults to "anPackage"
path	The path to the location where the package is to be created, defaults to the current directory.
author	The name of the author, defaults to the result of fullname (or "Your Name" as fallback).
maintainer	The name of the maintainer, also defaults to fullname or author if the latter is given.
email	The maintainer email address, defaults to email_address (or "your@email.com" as fallback).
license	The license of the new package, defaults to "GPL-2".
puppy	Toggle whether tinytest::puppy add unit testing, default to true (but conditional on tinytest being installed).
bunny	Toggle whether roxygen2 should be used for the the creation of Rd files from R, default is true (but also conditional on roxygen2 being install).

Details

The `kitten` function can be used to initialize a simple package. It is created with the minimal number of files. What distinguished it from the function `package.skeleton()` in base R (which it actually calls) is that the resulting package passes R CMD check `cleanly`.

Because every time you create a new package which does *not* pass R CMD check, a kitten experiences an existential trauma. Just think about the kittens.

Value

Nothing is returned as the function is invoked for its side effect of creating a new package.

Author(s)

Dirk Eddelbuettel

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playWithPerPackageHelpPage

Create a very simple package help page

Description

The `playWithPerPackageHelpPage` function creates an basic package help page.

Usage

```
playWithPerPackageHelpPage(name = "anRpackage", path = ".",
  maintainer = "Your Name", email = "your@mail.com")
```

Arguments

name	The name of the package to be created, defaults to "anRpackage"
path	The path to the location where the package is to be created, defaults to the current directory.
maintainer	The name of the maintainer, defaults to "Your Name" or `author` if the latter is given.
email	The maintainer email address.

Details

The `playWithPerPackageHelpPage` function can be used to create a simple help page for a package.

It has been split off from the `kitten` function so that it can be called from other packages. As such, it is also exported from **pkgKitten**.

Value

Nothing is returned as the function is invoked for its side effect of creating a new package.

Author(s)

Dirk Eddelbuettel

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