

Package ‘pkgKitten’

July 20, 2021

Type Package

Title Create Simple Packages Which Do not Upset R Package Checks

Version 0.2.2

Date 2021-07-19

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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

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

Description

The base R function `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 Eddebuettel wrote the package and maintains it.

See Also

[package.skeleton](#), the ‘Writing R Extensions’ manual.

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

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

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

<code>name</code>	The name of the package to be created, defaults to “anRpackage”
<code>path</code>	The path to the location where the package is to be created, defaults to the current directory.
<code>maintainer</code>	The name of the maintainer, defaults to “Your Name” or author if the latter is given.
<code>email</code>	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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