
From: Martina Schmiri
Sent: Monday, 27 July 2020 11:20 PM
To: Sunny Yu; CRAN
Subject: Re: CRAN submission dycdtools 0.1.0

Thanks,

Please add small executable examples in your Rd-files to illustrate the use of the exported function but also enable automatic testing.

Please ensure that your functions do not write by default or in your examples/vignettes/tests in the user's home filespace (including the package directory and getwd()).

In your examples/vignettes/tests you can write to tempdir().

You write information messages to the console that cannot be easily suppressed.

It is more R like to generate objects that can be used to extract the information a user is interested in, and then print() that object.

Instead of print()/cat() rather use message()/warning() or if(verbose)cat(..) (or maybe stop()) if you really have to write text to the console.

(except for print, summary, interactive functions)

Please make sure that you do not change the user's options, par or working directory. If you really have to do so within functions, please ensure with an **immediate** call of on.exit() that the settings are reset when the function is exited. e.g.:

```
...  
oldpar <- par(no.readonly = TRUE) # code line i  
on.exit(par(oldpar)) # code line i + 1  
...  
par(mfrow=c(2,2)) # somewhere after  
...
```

```
...  
oldwd <- getwd() # code line i  
on.exit(setwd(oldwd)) # code line i+1  
...  
setwd(...) # somewhere after  
...
```

If you're not familiar with the function, please check ?on.exit. This function makes it possible to restore options before exiting a function even if the function breaks. Therefore it needs to be called immediately after the option change within a function.

Please always add all authors, contributors and copyright holders in the Authors@R field with the appropriate roles.
e.g. MIT from the license file ?

Best,
Martina

On 22.07.20 04:34, CRAN submission wrote:

```
> [This was generated from CRAN.R-project.org/submit.html]
>
> The following package was uploaded to CRAN:
> =====
>
> Package Information:
> Package: dycdtools
> Version: 0.1.0
> Title: Tools for DYRESM-CAEDYM Model Development: Auto-Calibration and
> Post-Processing
> Author(s): Songyan Yu [aut, cre]
> (<https://orcid.org/0000-0001-5765-7060>), Marieke Frassl [aut]
> Maintainer: Songyan Yu <sunny.yu@griffith.edu.au>
> Depends: R (>= 2.10)
> Suggests: testthat
> Description: Tools for DYRESM-CAEDYM model development, including
> auto-calibrate selected model parameters and visualise model
> output through time series plot, profile plot, contour plot,
> and scatter plot.
> License: MIT + file LICENSE
> Imports: dplyr, ncdf4, tidyr, hydroGOF, ggplot2, RColorBrewer,
> lubridate
>
>
> The maintainer confirms that he or she
> has read and agrees to the CRAN policies.
>
> Submitter's comment: ## Test environments
> * Windows Server 2008 R2 SP1,
> R-devel, 32/64 bit
> * Ubuntu Linux 16.04 LTS,
> R-release, GCC
> * Fedora Linux, R-devel, clang,
> gfortran
>
> ## R CMD check results
> There were no ERRORS
> or WARNINGS or NOTES.
>
> ## R-hub check results
> There
> was 1 NOTE
>
> * checking CRAN incoming feasibility ...
> NOTE
```

```

>
> CAEDYM (2:25, 15:31)
> DYRESM (2:18,
> 15:24)
> Maintainer: 'Songyan Yu
> <sunny.yu@griffith.edu.au>'
> New submission
> Possibly
> mis-spelled words in DESCRIPTION:
>
> * I can confirm
> that the two words CAEDYM, DYRESM are not
> mis-spelled. They are the names of two models.
>
> ##
> This is my first submission.
>
> =====
>
> Original content of DESCRIPTION file:
>
> Package: dycdtools
> Title: Tools for DYRESM-CAEDYM Model Development: Auto-Calibration and
> Post-Processing
> Version: 0.1.0
> Authors@R: c(
> person(given = "Songyan",
> family = "Yu",
> role = c("aut", "cre"),
> email = "sunny.yu@griffith.edu.au",
> comment = c(ORCID = "0000-0001-5765-7060")),
> person(given = "Marieke",
> family = "Frassl",
> role = c("aut"),
> email = "marieke.frassl@gmail.com")
> Description: Tools for DYRESM-CAEDYM model development, including auto-calibrate selected
> model parameters and visualise model output through time series plot, profile plot, contour plot,
> and scatter plot.
> License: MIT + file LICENSE
> Encoding: UTF-8
> LazyData: true
> Imports: dplyr, ncdf4, tidyr, hydroGOF, ggplot2, RColorBrewer,
> lubridate
> RoxygenNote: 7.1.1
> Depends: R (>= 2.10)
> Suggests: testthat
> NeedsCompilation: no
> Packaged: 2020-07-22 02:24:20 UTC; s2974665
> Author: Songyan Yu [aut, cre] (<https://orcid.org/0000-0001-5765-7060>),
> Marieke Frassl [aut]

```

> Maintainer: Songyan Yu <sunny.yu@griffith.edu.au>
>