

Package: vprint (via r-universe)

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Title More Flexible Form of Boolean Verbose

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Depends R (>= 4.2.0)

Description R functions are not supposed to print text without giving the user the option to turn the printing off or on using a Boolean 'verbose' in a construct like 'if(verbose) print(...)'. But this black/white approach is rather rigid, and an approach with shades of gray might be more appropriate in many circumstances.

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Encoding UTF-8

VignetteBuilder knitr

Suggests knitr, rmarkdown, testthat (>= 3.0.0)

Config/testthat/edition 3

NeedsCompilation no

Config/roxygen2/version 8.0.0

Repository <https://cran.r-universe.dev>

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vprint

vprint

Description

more flexible form of if(verbose) print(...)

Usage

```
vprint(class, verbose = NULL, txt, nNew = 0)
```

Arguments

class	integer representing the verbose class
verbose	integer vector representing classes
txt	argument to print
nNew	integer number of extra newlines to precede (nNew<0) or follow (nNew>0) txt

Details

if you are the developer, and you have some debug statements rather than comment them out, you can turn them off and on likewise, a user can request more or less informational comments

suggested standardized class codes for vprint():

-1 = developer debugging only

0 = constitutively turned on

1 = help for new user

2 = follow progress of long computation

3 = primary results

4 = meta info (e.g. dims of a mat before/after trimming)

5 = warnings

6 = errors

Note that the class argument is hardwired into the function code by the developer. For example, for a debugging statement, '-1' is hardwired in. The choice of whether or not to display this message is subsequently governed by the user selecting which values to include in the 'verbose' vector parameter.

Value

returns no values but has side effect of printing some text

Examples

```
vprint(1,1:2,"try me",2)
vprint(0,1:2,"try me")
vprint(3,1:2,"try me")
```

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