

# Package ‘vprint’

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**Version** 1.2

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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.

**License** GPL (>= 2)

**Encoding** UTF-8

**VignetteBuilder** knitr

**Suggests** knitr, rmarkdown, testthat (>= 3.0.0)

**RoxygenNote** 7.3.2

**Config/testthat/edition** 3

**NeedsCompilation** no

**Repository** CRAN

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vprint

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**Description**

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

**Usage**

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

**Arguments**

<code>class</code>	integer representing the verbose class
<code>verbose</code>	integer vector representing classes
<code>txt</code>	argument to print

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

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