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Sarah F Signature Track · a day ago % Firstly, you are getting that error because the set function requires an argument. The fact that it is set <- function(y) {.....}</pre> means that you need to pass an argument to set(). Try a\$set(c(1,2,3,4)) and you shouldn't get that error. Secondly, for the purpose of set(): It allows you to change the data that is help within your list "a" without having to re-run makeVector(). Try running a\$set(c(5,6,7,8) a\$get() Now you have a different vector in "a" and you can still use cachemean(a) to get the mean (it will be a different mean now). As far as I can tell, set() is not really used or needed if you make your vector from makeVector(). ↑ 2 ♦ · flag + Comment joseph fernando · a day ago % Thanks Sarah. I thought the same, there is really no need for "set" if Makevector is what's used to initiate cache storage. Would anyone else have a different view to Sarah and myself. ↑ 0 ↓ · flag Bill Hilton · a day ago % You can use the set() method to reset the object to a new value, basically to reuse the object rather than create a new one, something you might do if building millions of these (say for a large array) and tight on memory. The cache() function doesn't access set() but another function could.

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↑ 1 • flag

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Jim Pavlik Signature Track · 21 hours ago %

Thanks, Sarah and Bill. I'm not sure this solves my problem with my code, but it is very helpful nevertheless in understanding the example.

**↑** 0 **↓** · flag

Bill Hilton · 21 hours ago %

Hi Jim, the error in your code (and Joseph's) is you need to pass a new vector when you call a\$set ...

```
> a$set()
Error in a$set() : argument "y" is missing, with no default
```

aset(c(5,6,7,8,9)) # this should work (or any vector) ... keeps object name 'a' but with new vector and sets cached flag to NULL. (edit: just noticed Sarah F gave the same advice:)

Try it. And access it again with cache and you'll see the first access is not cached (since we loaded a new value and set to NULL) but the second access will indicate that a new value has been cached.

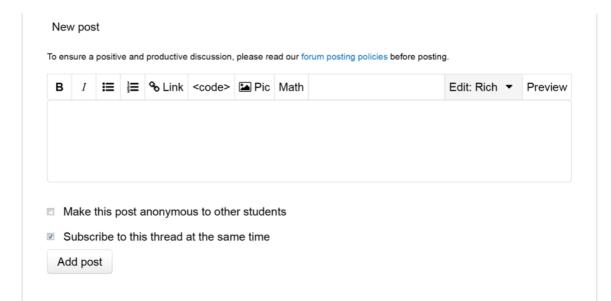
It's basically a back-door way to reset the object's vector value to something new.

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Purpose of "set function"



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Purpose of "set function"	https://class.coursera.org/rprog-009/forum/thread?thread_id=253
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