

Installing Monocle

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26 April , 2019

Installing Monocle 2

First Try

No module loaded. Just open **R** and do *BiocManager::install("monocle")*.

This fails for packages **densityClust** and **DDRTree**.

Second try

First do *module load gcc* then try again. This works for **densityClust** but not **DDRTree**.

Third try

I realized that this gives the same error as when trying to install *clusterExperiment*.

```
* installing *source* package 'DDRTree' ...
** package 'DDRTree' successfully unpacked and MD5 sums checked
** libs
icpc -std=gnu++11 -I"/opt/packages/R/3.5.1-mkl/lib64/R/include"
-DNDEBUG -I"/pylon5/ib5phhp/diyadas/rpack/3.5/Rcpp/include"
-I"/pylon5/ib5phhp/hectorrb/rpack/RcppEigen/include"
-I"/pylon5/ib5phhp/diyadas/rpack/3.5/BH/include" -I/usr/local/include -fpic -O3
-ipo -openmp -xHost -c DDRTree.cpp -o DDRTree.o
icpc: command line error: option '-openmp' is not supported.
Please use the replacement option '-qopenmp'
make: *** [DDRTree.o] Error 1
ERROR: compilation failed for package 'DDRTree'
* removing '/pylon5/ib5phhp/hectorrb/rpack/DDRTree'
```

I will try to use the same trick.

Installing other packages

Python packages

```
pip install --user virtualenv
```

```
install.packages("reticulate")
library(reticulate)
py_install('umap-learn')
```

```
pip install --user louvain
```

Installing Louvain fails as well...