

Install the sparseet

1. Compile `libnrfopt.a`

- I had no problem, just run what the README said

2. Compile sparsenet.m

- We need to setup `mex -setup` in Matlab, I have encountered several problems, see below

Find MacOS sdk version number

error message:

```
xcodebuild: error: SDK "macosx10.7" cannot be located.
```

solution

```
xcrun --show-sdk-path
```

Here you can find what macosx version. I found out mine is maxcosx10.10

Setup Mex in Matlab

Setup mex in matlab

error message: just does not run.

solution [Reference](#)

Open Matlab, type in

```
cd(matlabroot)
cd bin
edit mexopts.sh
```

Backup the `mexopts.sh` file in case you messed up.

Replace all instances of 10.7 with 10.10(or your version, say 10.8); there are four of these in all (a fifth may be found in comments only)

Save, and run

```
mex -setup
```

choose to update your setup.

update the makefile

error message: in README, it says "First modify the makefile definition for MEXT to be the proper suffix for the mex file for your

machine (for SGI's it is mexsg)." WHAT DOES THAT MEAN?

solution [Referece](#)

change the related filed in the makefile

```
MEX = /Applications/MATLAB_R2012a.app/bin/mex
MEXT = mexmaci64
```

Now, run **make** !
