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1  #Download and install prerequisites
2  brew tap homebrew/science
3  brew install open-mpi
4  brew install scotch
5  brew install boost --without-single --with-mpi
6  brew install cgal
7  cd Downloads
8  mkdir OpenFOAM && cd OpenFOAM
9  curl -L http://downloads.sourceforge.net/foam/OpenFOAM-2.3.0.tgz > OpenFOAM-2.3.0.tgz
10 curl -L https://raw.githubusercontent.com/mrklein/openfoam-os-x/master/OpenFOAM-2.3.0.patch > OpenFOAM-2.3.0.patch
11
12 #Build OpenFOAM
13 cd
14 hdiutil create -size 4.4g -type SPARSEBUNDLE -fs HFSX -volname OpenFOAM -fsargs -s OpenFOAM.sparsebundle
15 mkdir OpenFOAM
16 hdiutil attach -mountpoint $HOME/OpenFOAM OpenFOAM.sparsebundle
17 cd OpenFOAM
18 tar xzf ~/Downloads/OpenFOAM/OpenFOAM-2.3.0.tgz
19 cd OpenFOAM-2.3.0
20 cp ~/Downloads/OpenFOAM/OpenFOAM-2.3.0.patch .
21 git apply OpenFOAM-2.3.0.patch
22 source etc/bashrc
23 ./Allwmake > log.Allwmake 2>&1
24
25 #Test to see that everything worked out
26 mkdir -p $FOAM_RUN
27 run
28 cp -r $FOAM_TUTORIALS/incompressible/icoFoam/cavity .
29 cd cavity
30 blockMesh
31 icoFoam
32
33 #Post config
34 alias of230='hdiutil attach -quiet -mountpoint $HOME/OpenFOAM OpenFOAM.sparsebundle; sleep 1; source $HOME/OpenFOAM/OpenFOAM-2.3.0/etc/ba:
35 of230

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