

Running MF 2.0p1 under Mac OS X Tiger

Anna Egorova-Förster

July 18, 2006

Here is a short tutorial how to install and run successfully the new Mobility Framework 2.0p1 under Mac OS X Tiger and Omnet++ 3.2. It does not use shared libraries, I am still working on the shared libraries version. Here is how it works:

1. Download the newest version of MF, untar it somewhere and update your `LD_LIBRARY_PATH` as given in the MF Readme.
2. Download the new `mkmk_macOSX` script for MacOSX, `Makefile.gen` and `Makefile.gen.cmd` from my homepage ¹.
3. Put all three files into the MF folder.
4. Go into the MF directory and run :
`./mkmk_macOSX`
5. make the MF with:
`make core && make contrib && make networks`

Please note that you should have a working Omnet++ 3.2 installation. Also, this script changes some things in the MF distribution: it deletes the folder `contrib/lib`, as it is not used and copies a `Makefile.gen` into all networks samples and into the template directory.

You can now go to some of the examples, and try:

```
cd networks/aloha
./aloha
```

It should work now. For compiling your own simulations with MF2.0p1, use the provided `Makefile.gen` and `Makefile.gen.cmd` (creates a Makefile to compile into the Cmdenv) and do in your source directory:

```
make -f Makefile.gen
```

Please contact me if there are some problems with the script or you figured out a more elegant way to compile.

¹<http://www.inf.unisi.ch/phd/foerster/downloads/>