

#### 9.1.0.12 2014/01/15 - Instructions regarding the integration of MATPOWER with GridLAB-D and NS3 through FNCS

- Since the C wrapper includes some header files from MATLAB or MCR distribution, the paths to these files need to be changed in the *start\_MATPOWER.cpp*, and recompiled.
- Also, to make sure the MATLAB paths are found when running the application, a config file has to be built in */etc/ld.so.conf.d*. I have named that file *matlab\_lib.conf*, and contains

```
/usr/local/matlab_2013a/runtime/glnxa64/  
/usr/local/matlab_2013a/bin/glnxa64
```

then do a

```
sudo ldconfig
```

These paths would be different if MCR is used, instead of the actual MATLAB.

- To run the demo, the following are to be run in separate terminals

```
./fnscsbroker 3  
./first 50 /* There are only 50 notes in MATPOWER_test.glm */  
./gridlabd MATPOWER_test.glm  
./start_MATPOWER
```