# Matlab usage to set/get register values from MSCB

1. place mexwrapper, getNodeAdress, and setVal files into the active workspace opened in Matlab

2. use getNodeAddress function to retrieve mapping of node addresses

3. use setVal function and pass in register info, mapped node addresses to read/write to a register

See testbench.m for example.

# Creating mexwrapper:

Building mex file in Matlab command window with:

1. mex -setup

2. Choose Visual Studio Compiler

3. Build mex file in Matlab command window with the command:

mex mexwrapper.c msc.c mscb.c mscbrpc.c musbstd.c mxml.c strlcpy.c libusb.lib wsock32.lib -v