1. Test Examples
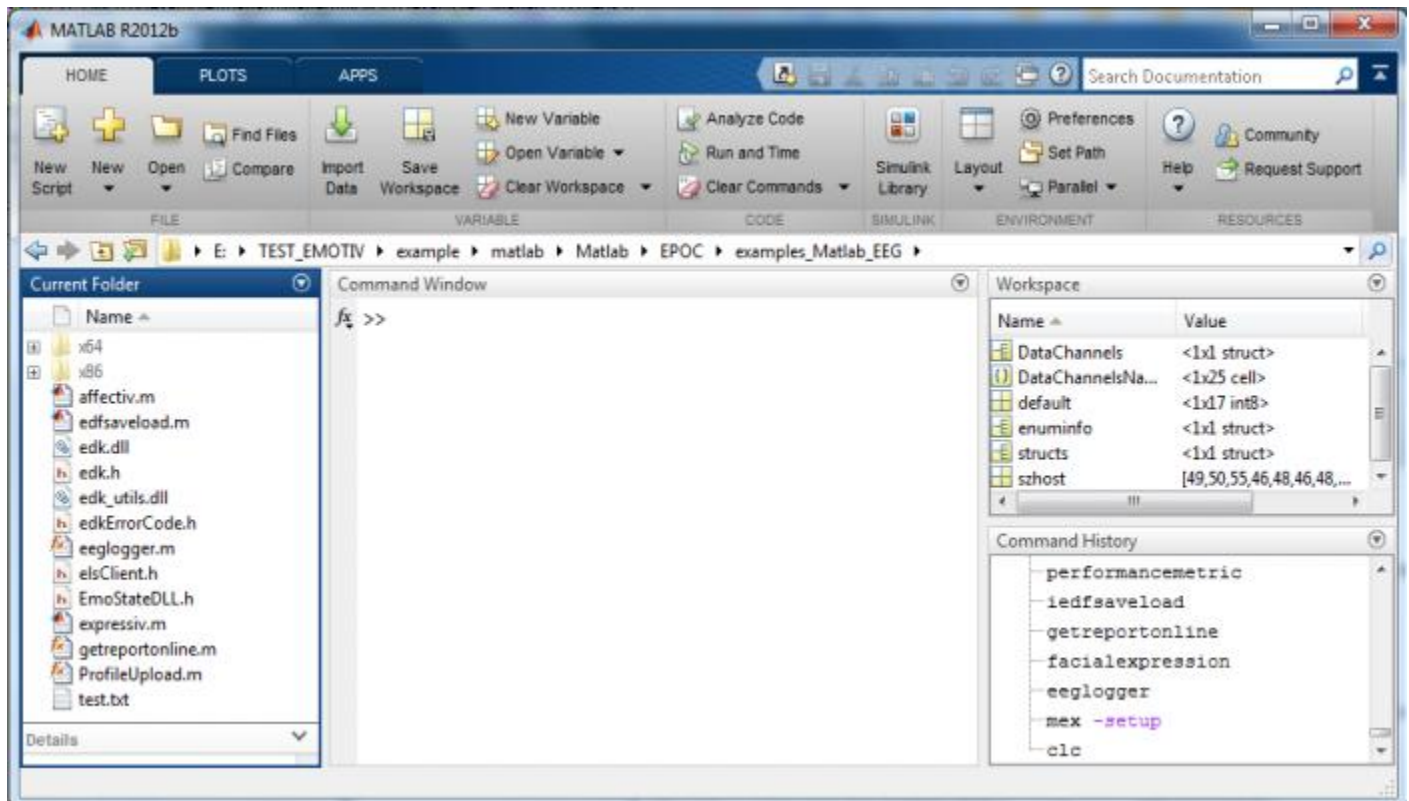
Open matlab, select Home / Open. You go to folder store example matlab

- **Step 1: mex -setup**
Matlab show:

- **Step 2: Choice: y**
Matlab Show:

```
Select a compiler:
[1] Lcc-win32 C 2.4.1 in C:\PROGRA~2\MATLAB\R2012b\sys\lcc
[2] Microsoft Visual C++ 2010 in C:\Program Files (x86)\Microsoft Visual Studio 10.0

[0] None

fx Compiler:
```

- **Step 3: Choice 2**

```
Compiler: 2

Please verify your choices:

Compiler: Microsoft Visual C++ 2010
Location: C:\Program Files (x86)\Microsoft Visual Studio 10.0

fx Are these correct [y]/n?
```

- **Step 4: Choice y**
Matlab Show:

```
Are these correct [y]/n? y

**********************************************************************
  Warning: MEX-files generated using Microsoft Visual C++ 2010 require
           that Microsoft Visual Studio 2010 run-time libraries be
           available on the computer they are run on.
           If you plan to redistribute your MEX-files to other MATLAB
           users, be sure that they have the run-time libraries.
**********************************************************************


Trying to update options file: C:\Users\thuy\AppData\Roaming\MathWorks\MATLAB\R2012b\mexopts.bat
From template:              C:\PROGRA~2\MATLAB\R2012b\bin\win32\mexopts\msvc100opts.bat

Done . . .

**********************************************************************
  Warning: The MATLAB C and Fortran API has changed to support MATLAB
           variables with more than 2^32-1 elements.  In the near future
           you will be required to update your code to utilize the new
           API. You can find more information about this at:
           http://www.mathworks.com/help/techdoc/matlab_external/bsf1nue-1.html
           Building with the -largeArrayDims option enables the new API.
**********************************************************************

fx >> |
```

- After building, you select a file.m, click F9 to run

2. Note

❖ If you run example and get a error same as:

>> *getreportonline*
EDK library already loaded
Error using calllib
Parameter can not be converted to a string

Error in getreportonline (line 34)
    AllOK = calllib('edk','EE_EngineConnect', default); % success means this value is 0

You click to *line 34* and change *default* by *'Emotiv Systems-5'*, you save code and click F9 again to run.

❖ You need run ProfileUpload example first.