

Using MATLAB on Mac OS 10.6 (Snow Leopard)

To use MATLAB® on Mac OS 10.6 (Snow Leopard)

1. Install MATLAB®.
2. Type the following commands in the terminal to show all files in Finder
 - \$ defaults write com.apple.finder AppleShowAllFiles TRUE
 - \$ killall Finder
3. Add the **DYLD_LIBRARY_PATH** variable to Mac OS:
 - 3.1 Create an empty text file in the `/etc` folder and name it: *launchd.conf*.
 - 3.2 Open it with a text editor, for example, TextEdit, and type the following text (no space)

```
setenv DYLD_LIBRARY_PATH /Applications/MATLAB_R2010b.app/bin/maci64:  
/Applications/MATLAB_R2010b.app/runtime/maci64
```

- 3.3 Save the text file as *launchd.conf* to the desktop.
- 3.4 Move the *launchd.conf* file to the `/etc` folder.
4. Create a link to the MATLAB® executable file in `/usr/bin` if it does not yet exist.
5. Call the following commands in the terminal
 - \$ cd /usr/bin
 - \$ ln -s /Applications/MATLAB_R2010b.app/bin/matlab matlab
6. Type the following commands in the terminal to reset Finder
 - \$ defaults write com.apple.finder AppleShowAllFiles FALSE
 - \$ killall Finder
7. Restart Mac OS.

Note

You can also use MATLAB® if you are using MagicDraw 18.0 on either Mac OS X 10.10 Yosemite or Mac OS X 10.11 El Capitan, by using the following steps.

Related pages

1. Disable the SIP (if your Mac is OS X El Capitan) by following the instruction [to disable OS X El Capitan's System Integrity Protection \(SIP\)](#).
- [Integration with MATLAB](#)
2. [Install MATLAB® on 32-bit and 64-bit Microsoft Windows](#)
- [Using MATLAB on 32-bit and 64-bit Linux](#)
3. Create the file *com.nomagic.magicdraw.simulation.mathengine.plist*.
 - 3.1 Create a text file and type the following text.

```
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">  
<plist version="1.0">  
<dict>  
<key>Label</key>  
<string>com.nomagic.magicdraw.simulation.mathengine.plist</string>  
<key>ProgramArguments</key>  
<array>  
<string>sh</string>  
<string>-c</string>  
<string>  
launchctl setenv DYLD_LIBRARY_PATH  
/Applications/MATLAB_R2012a.app/bin/maci64:/Applications/MATLAB_R2012a.app/runtime/maci64  
</string></array><key>RunAtLoad</key><true/></dict></plist>
```

- 3.2 Change the `/Applications/MATLAB_R2012a.app` to your MATLAB directory.
- 3.3 Save the text file. (If you are using TextEdit, change the file to plain text by clicking **Format > Make Plain Text**).
- 3.4 Rename it as *com.nomagic.magicdraw.simulation.mathengine.plist*.

(Note: If you already have the file *com.nomagic.magicdraw.simulation.mathengine.plist* in `/Library/LaunchAgents`, add `:/Applications/MATLAB_R2012a.app/bin/maci64:/Applications/MATLAB_R2012a.app/runtime/maci64` to your `DYLD_LIBRARY_PATH` in your *com.nomagic.magicdraw.simulation.mathengine.plist*. For example, `launchctl setenv DYLD_LIBRARY_PATH <Other_Path>:/Applications/MATLAB_R2012a.app/bin/maci64:/Applications/MATLAB_R2012a.app/runtime/maci64`.)