

DoSA Installation

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<http://OpenActuator.org> (zgitae@gmail.com)

FEMM Installation

➤ FEMM download

- **To run DoSA, the latest ver. is required.**

Therefore, download the latest FEMM installation file from the web below.

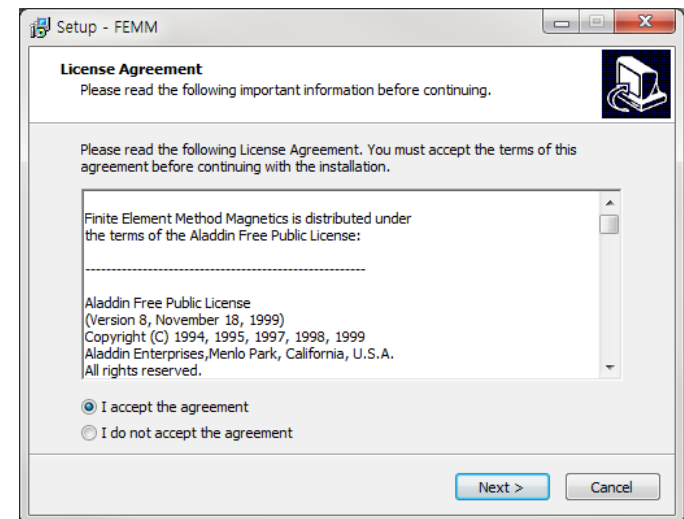
- <http://www.femm.info/wiki/NewBuild>

- Match the OS's version from the lower page file list then download the file

Attachment	Size	Date Added
femm42src_vs2015.zip	31.42 MB	5/31/2016 3:25 pm
femm42bin_x64_24Nov2017.exe	7.51 MB	11/24/2017 7:14 pm
readme.txt	11.93 KB	11/24/2017 7:15 pm
femm42bin_win32_24Nov2017.exe	5.61 MB	11/24/2017 7:07 pm
femm42src_24Nov2017.zip	2.48 MB	11/24/2017 7:06 pm

➤ FEMM Installation

- The installation is performed by default.

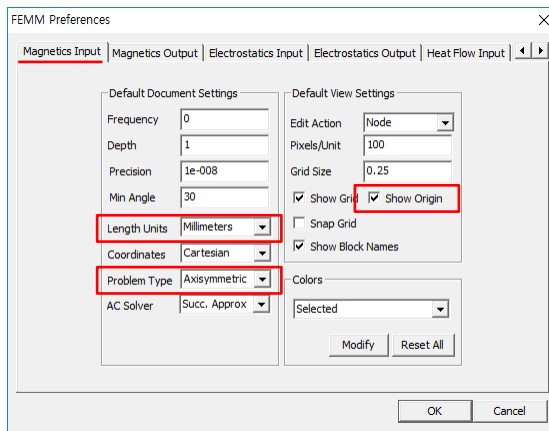


FEMM Setting

➤ FEMM Settings

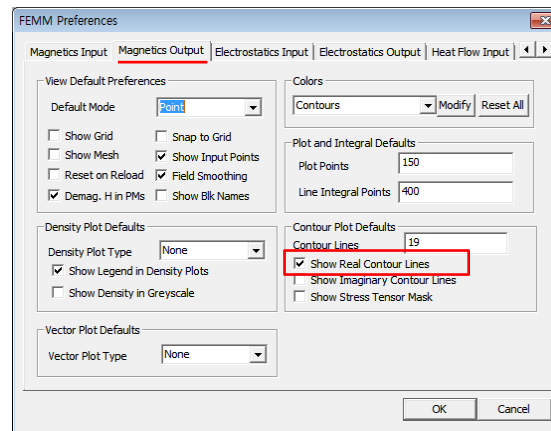
- Open installed FEMM
- Open Installation Window : Main Menu > Edit > Preferences ...
- Exit FEMM after Setting is completes

[Magnetics Input]



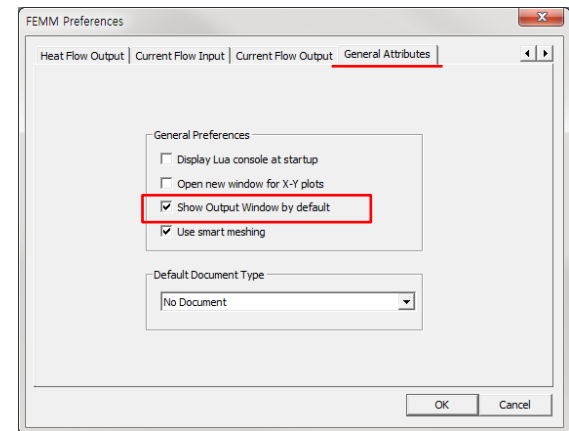
- Length Units : Millimeters
- Problem Type : Axisymmetric
- Show Origin check

[Magnetics Output]



- Show Real Contour Lines check

[General Attributes]

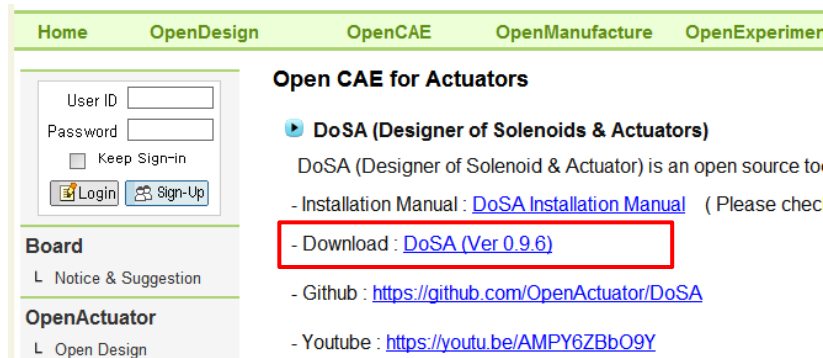


- Show Output Windows by default check

DoSA Execution

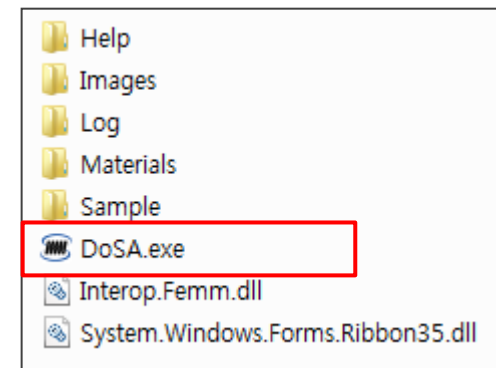
➤ Downloading and unzipping DoSA file

- <http://OpenActuator.Org> (OpenCAE page)



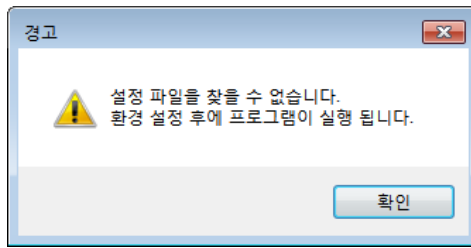
➤ DoSA Execution

- Locate DoSA directory in a suitable location.
- Run DoSA.exe in DoSA directory.

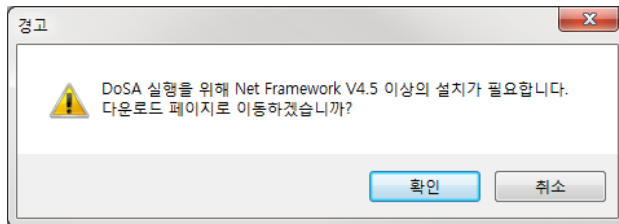


DoSA Exe.

- runs differently depending on the notification window of DoSA



Go to next page

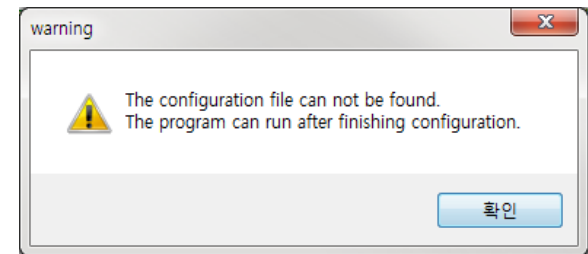


FEMM Version issues
Go to Last page
Of Net Framework Installation

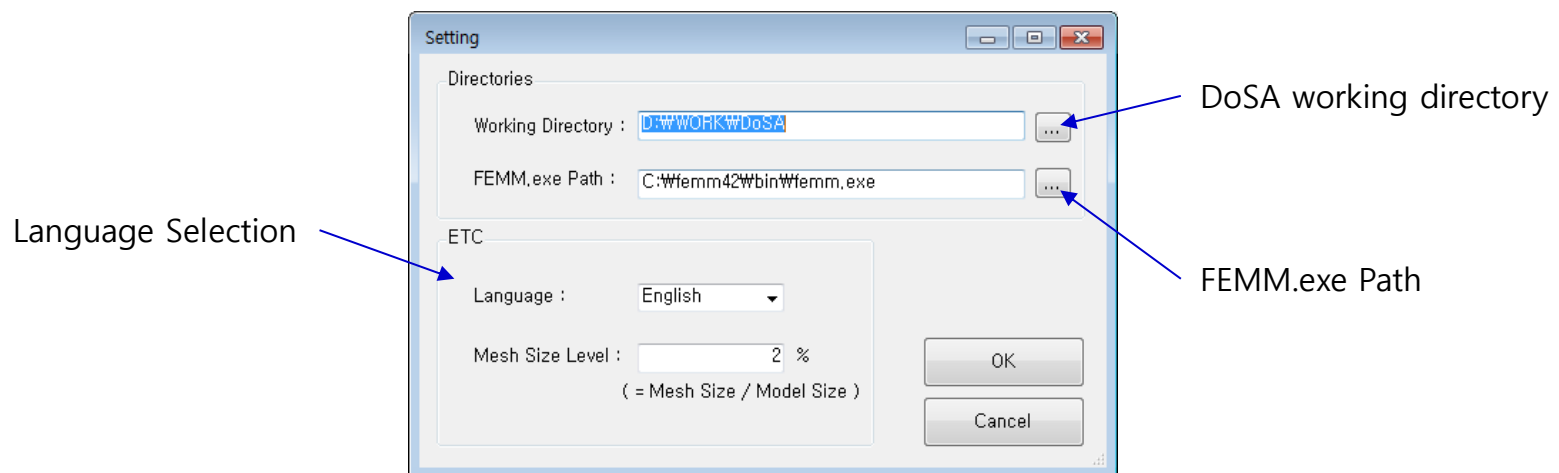
DoSA Settings

➤ Setting

- In case of the first execution, the warning window on the right side appears.
- Create a DoSA working directory in the appropriate location.
- When you close the warning window, the following configuration window appears.

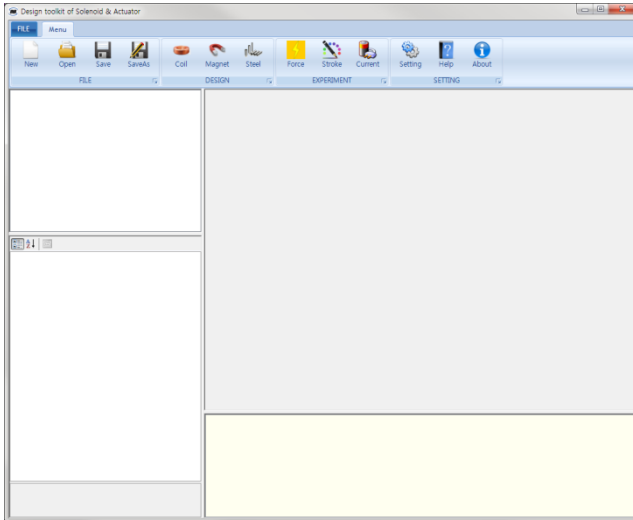


- In the Setting window, select the working directory and the FEMM.exe path.



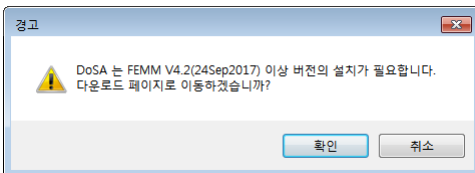
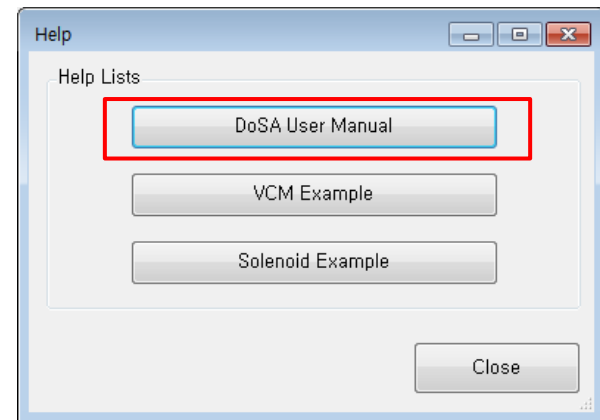
Activating DoSA

- After setting, proceed according to the following window.



Install Complete

Try the examples at Toolbar > Help



FEMM Version issues

**Please refer to the first page,
install the version after 24Sep2017
and run DoSA.exe again**

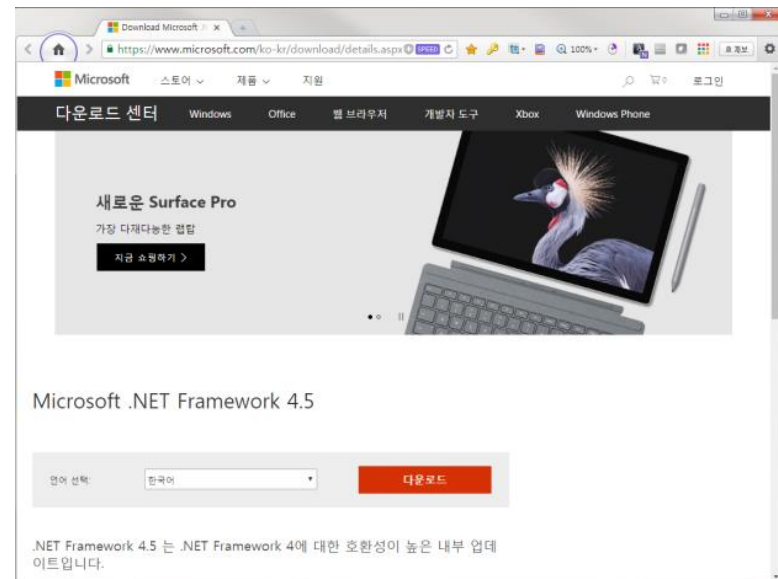
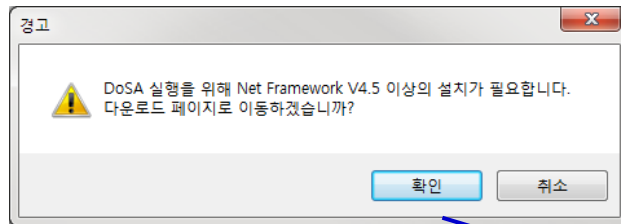


– Thank You –

[Reference] Net Framework installation

➤ Net Framework Install

- If Net Framework is not installed in the system, the alert window(shown below) appears.
- If you click Okay button, the download page of Net Framework 4.5 will appear.



➤ Net Framework Installation

- After download, install Net Framework.
- After installing Framework, run DoSA.exe again and continue to install DoSA.