DoSA Installation

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

FEMM Installation

➢ **FEMM download**

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

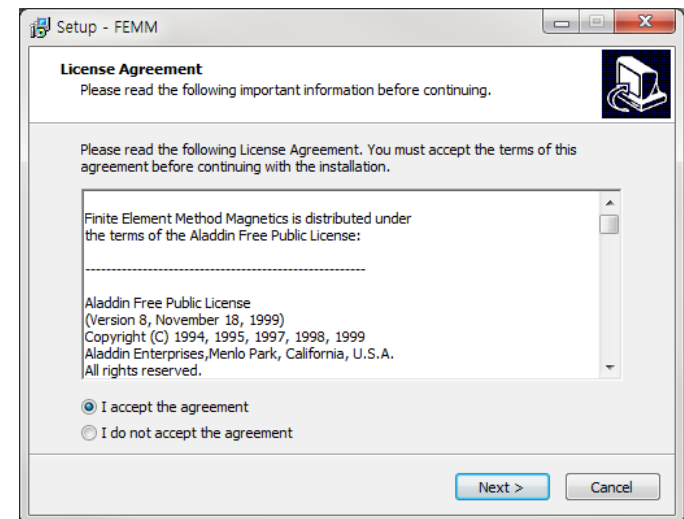 Therefore, download the latest FEMM installation file from the web below.

- 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**
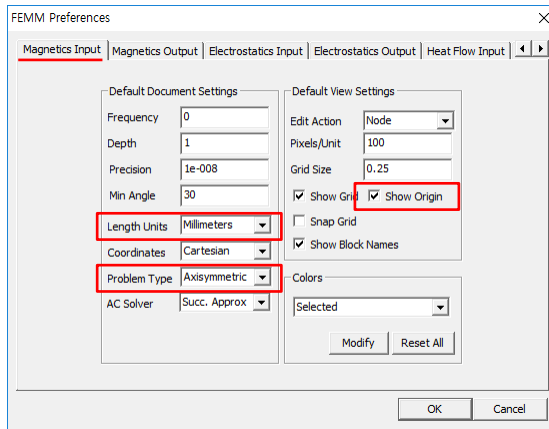
- The installation is performed by default.

FEMM Setting
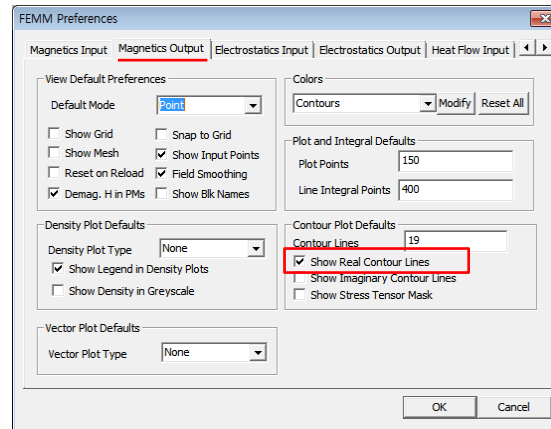
➢ **FEMM Settings**

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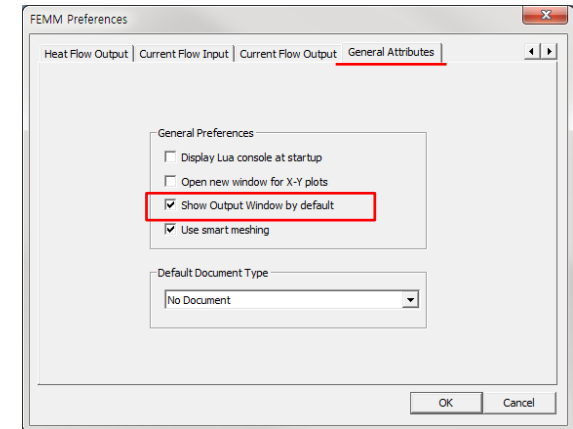- Exit FEMM after Setting is completes

[Magnetics Input]

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

[Magnetics Output]
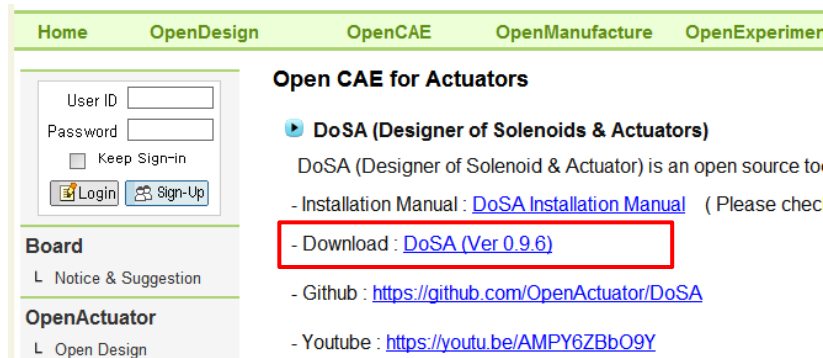

- Show Real Contour Lines check

[General Attributes]
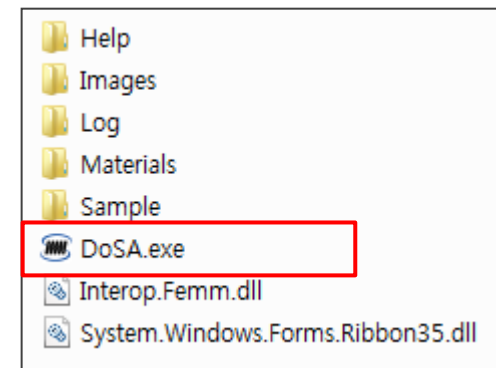

- Show Output Windows by default check

DoSA Execution

➢ **Downloading and unzipping DoSA file**

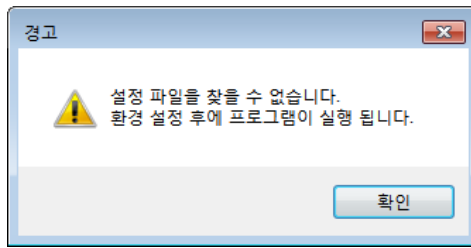- http://OpenActuator.Org (OpenCAE page)

➢ **DoSA Execution**

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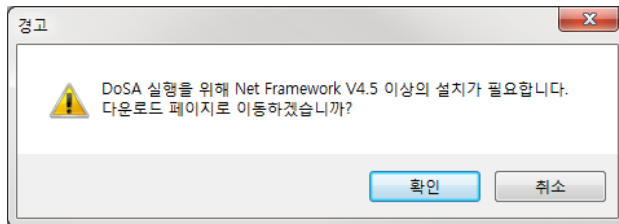
DoSA Exe.

➢ **runs differently depending on the notification window of DoSA**
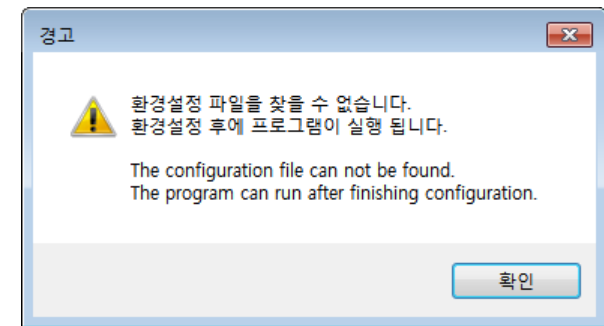

Go to next page

FEMM Version issues
Go to Last page
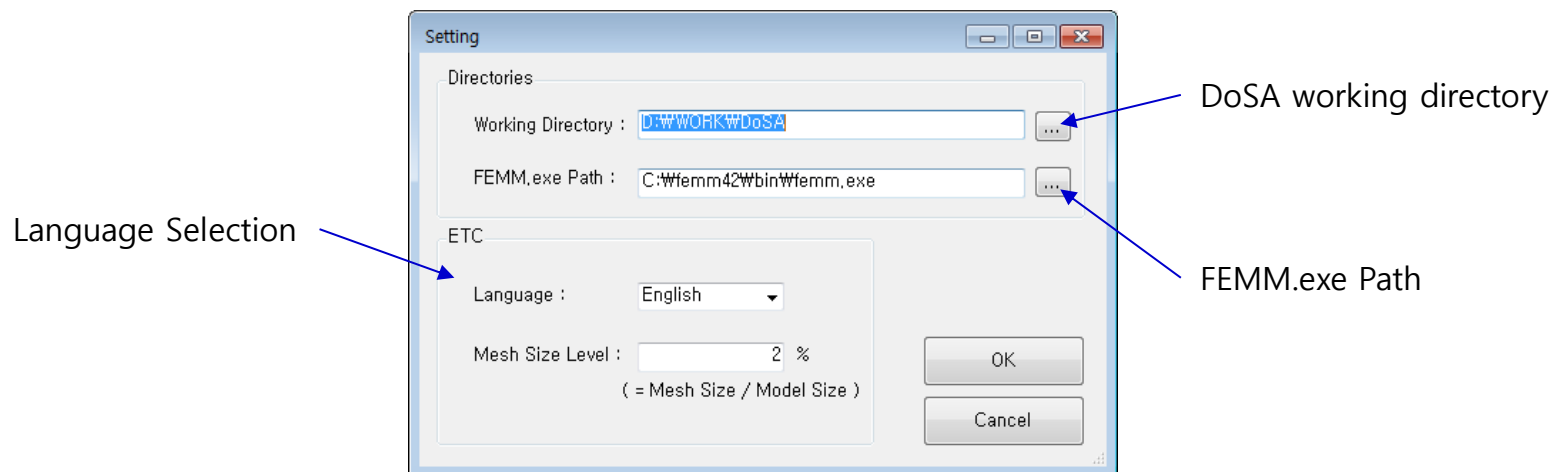**Of Net Framework Installation**

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,
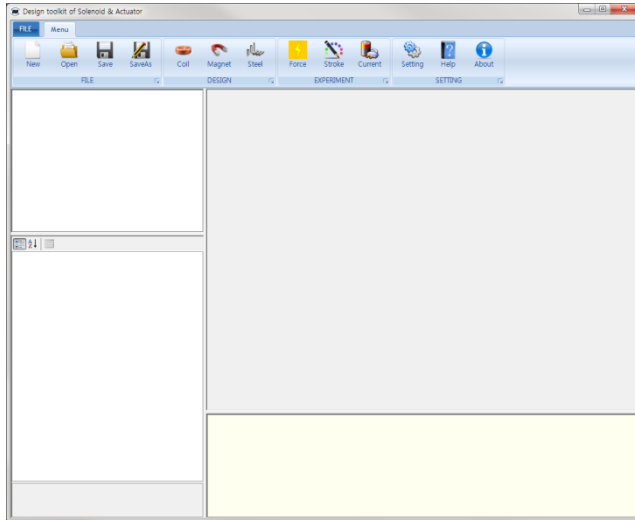 the following configuration window appears.

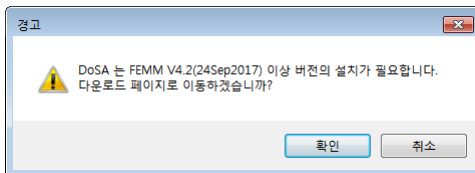- In the Setting window, select the working directory and the FEMM.exe path.
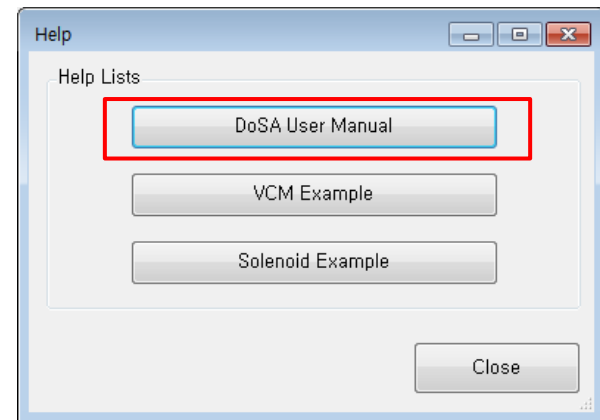

DoSA working directory

FEMM.exe Path

Language Selection

Activating DoSA

➢ After setting, proceed according to the following window.

Install Complete

Try the examples at Toolbar > Help

FEMM Version issues

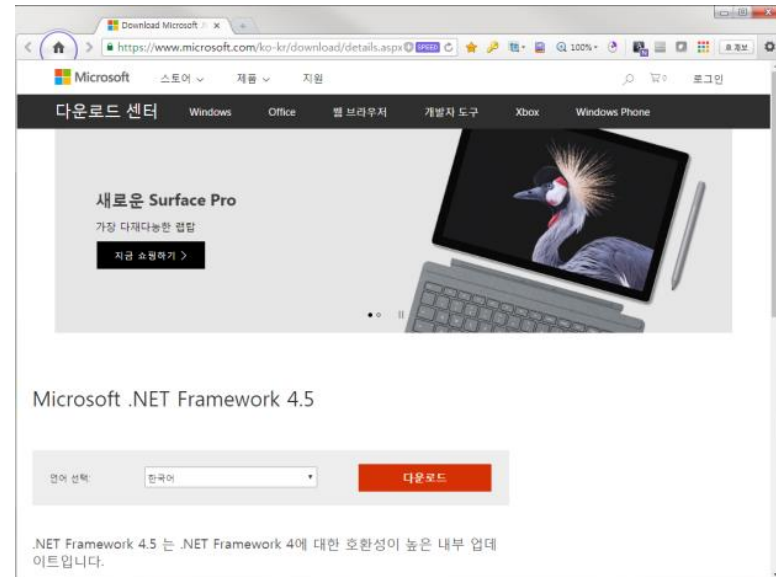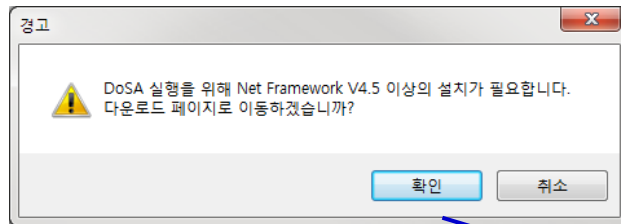**Please refer to the first page, install the version after 24Sep2017 and run DoSA.exe again**

– 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.