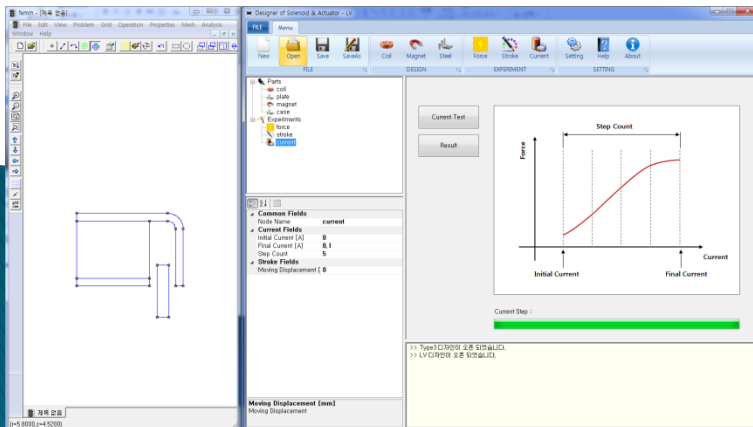


DoSA-Open_3D Install Guide

2019-12-26

GiTae Kweon (zgitae@gmail.com)



ONELAB Installation

➤ ONELAB download

- <http://onelab.info/>
- Download the ONELAB archive file at the bottom of the page.

Getting started

1. Download the ONELAB software bundle:

- Desktop version for [Windows 64-bit](#), [Windows 32-bit](#), [Linux 64-bit](#), [Linux 32-bit](#) and [MacOS](#)
- Mobile version for [Android](#) and [iOS](#)
- [Source code](#)

➤ ONELAB Installation

- Unpack the archive and copy it to the desired location.

Run the DoSA

➤ Download DoSA-Open_3D.exe

- http://solenoid.or.kr/index_dosa_open_3d_eng.html

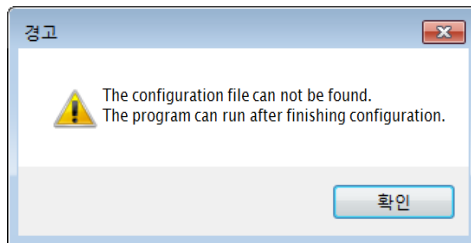
| | |
|----------------|---|
| Project Name | DoSA-Open_3D (Designer of Solenoids & Actuators) |
| Project Leader | GiTae Kweon (zgitaeg@gmail.com) |
| GitHub | https://github.com/OpenActuator/DoSA-Open_3D |
| Bulletin Board | https://solenoid.or.kr/gtzero1/gt_zboard.php?id=dosa_open_eng |
| Donation | DoSA-Open Project Donation |
| File Download | <div>- DoSA-Open_3D Installation File : DoSA-Open_3D_Setup.exe Installation Guide : Install_Guide_ENG.pdf - Solenoid Example File : Solenoid_Sample_ENG.zip - VCM Example File : VCM_Sample_ENG.zip</div> |
| Introduction | 3D open source actuator simulation software that can predict the performance of actuators in a similar working environment to the development of actuators |

➤ DoSA-Open_3D Install

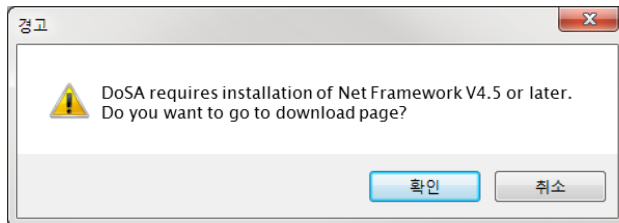
Install DoSA-Open_3D_Setup.exe with Default Options

Run the DoSA

- Handle differently depending on the notification window after running DoSA-Open_3D



Go to next page

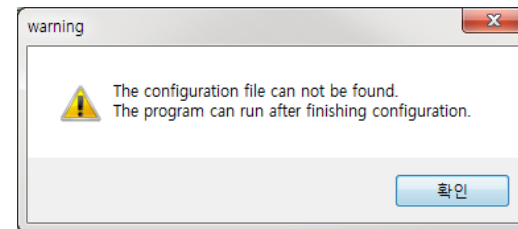


Framework Version issues
Go to Last page
Of Net Framework Installation

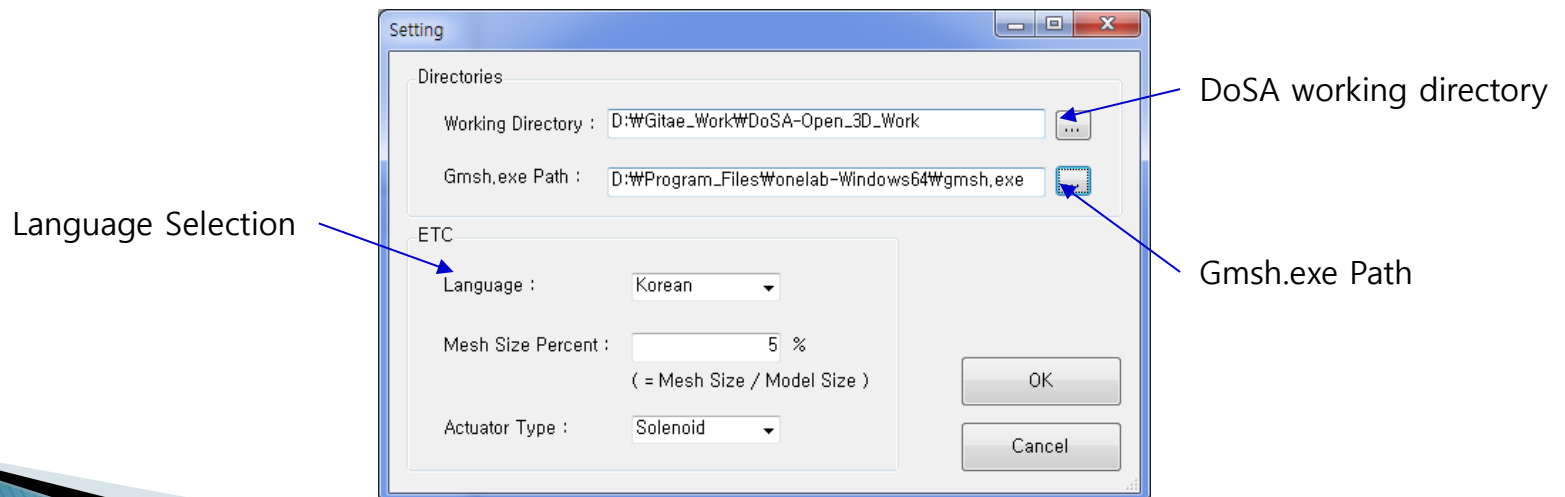
DoSA Settings

➤ Program Setting

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

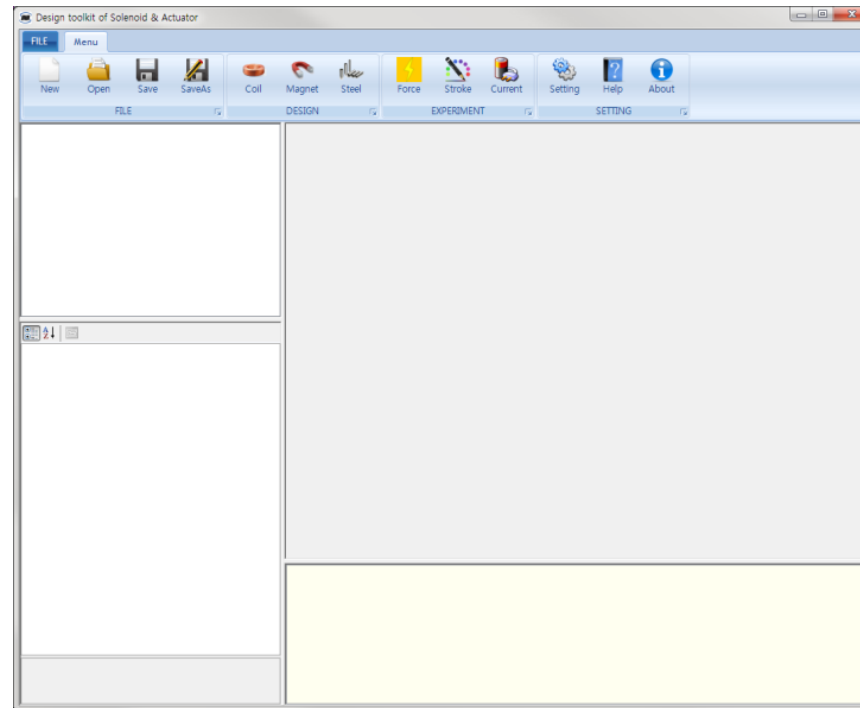


- In the Setting window, select the working directory and the Gmsh.exe path.



Finish installation

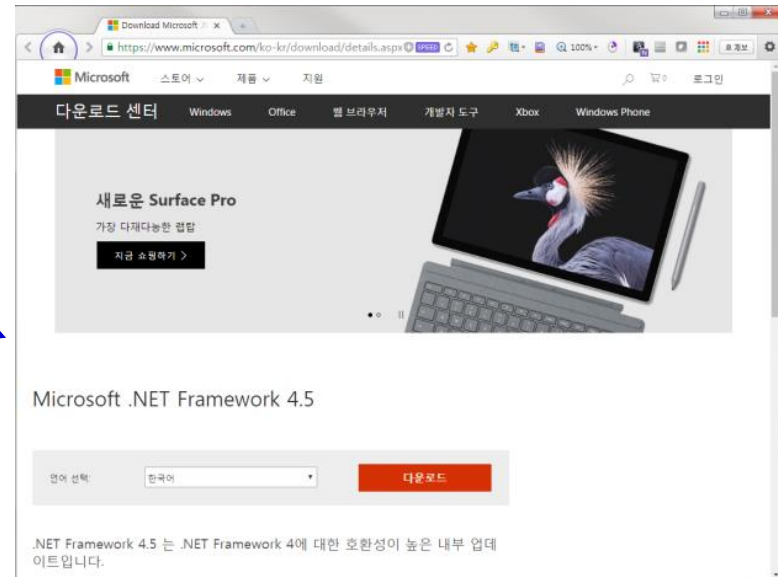
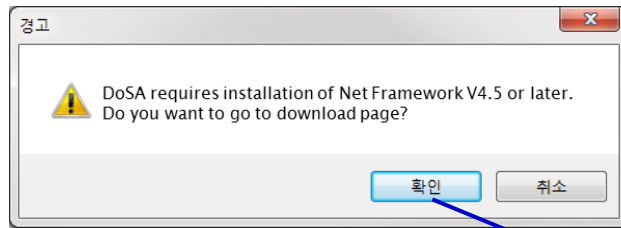
- When the following window appears after setting up, installation is complete.



[Ref.] 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.

Thank You