

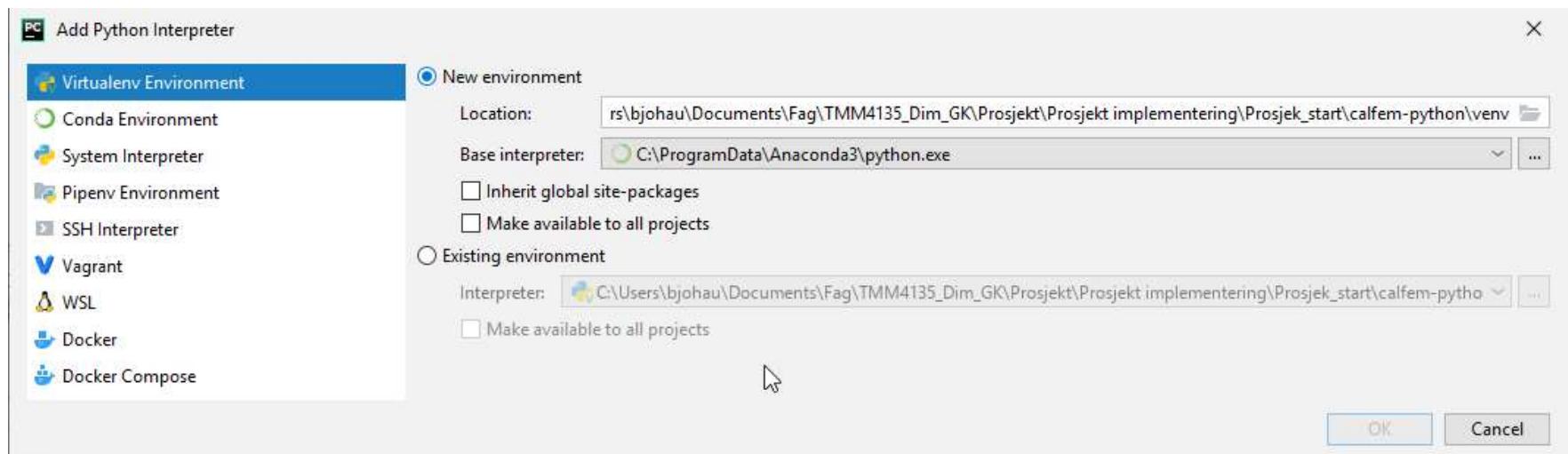
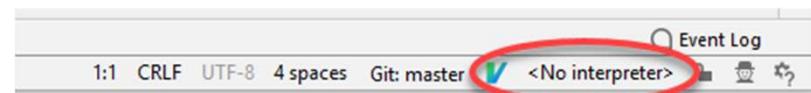
# Some hint on Python start

How to set up Visual Studio Code, pycharm etc in Dim GK and  
Produktsimulering

Also how to load «Results.vtu» in ParaView

# Pycharm

- Define a new interpreter



Create virtual environment  
(for instance in TERMINAL in Visual Studio Code)

```
python -m venv venv
.\venv\Scripts\activate
pip install numpy
pip install meshio
```

# Meshio for conda environment

conda-forge / packages / meshio 5.3.4

I/O for various mesh formats

Conda Files Labels Badges

License: MIT  
Home: <https://github.com/nschloe/meshio>  
344453 total downloads  
Last upload: 1 year and 6 months ago

### Installers

Info: This package contains files in non-standard labels.

macosx\_64 noarch v5.3.4

conda install

To install this package run one of the following:

```
conda install -c conda-forge meshio
conda install -c "conda-forge/label/cf202003" meshio
```

### Description

# Open «Results.vtu» in ParaView

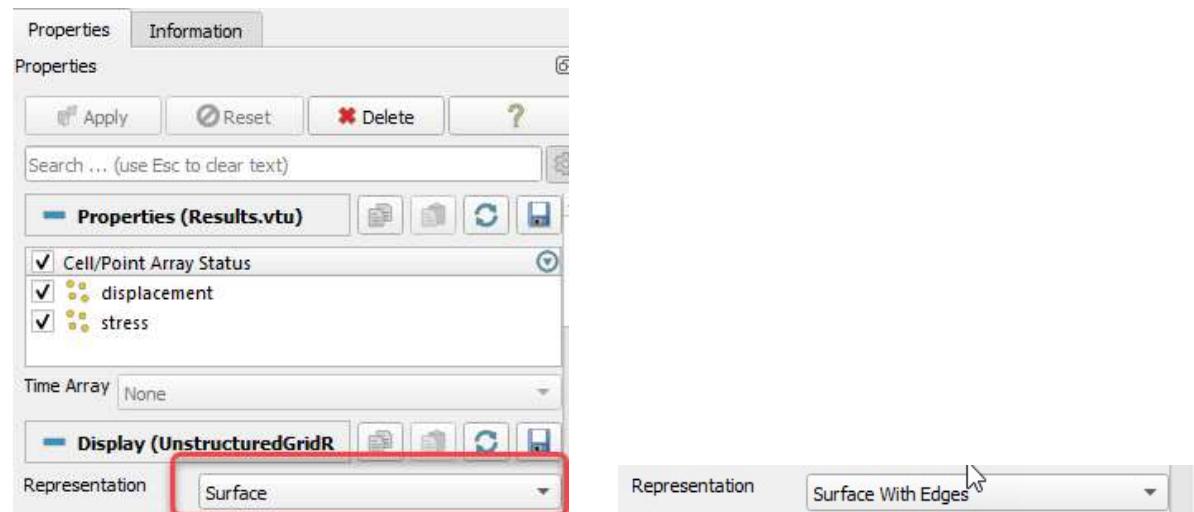
- File / Open ...

Select the file «Results.vtu»

- Press green «Apply»



- Select Surface with edges:



# Open «Results.vtu» in ParaView

- Select «Warp by vector»  
remember «Apply»  
reselect «Surface with Edges»  
set «Scale Factor» to 15.0-ish
- Select «Coloring» to «stress»
  - X is sigma\_xx
  - Y is sigma\_yy
  - Z is tau\_xy

