

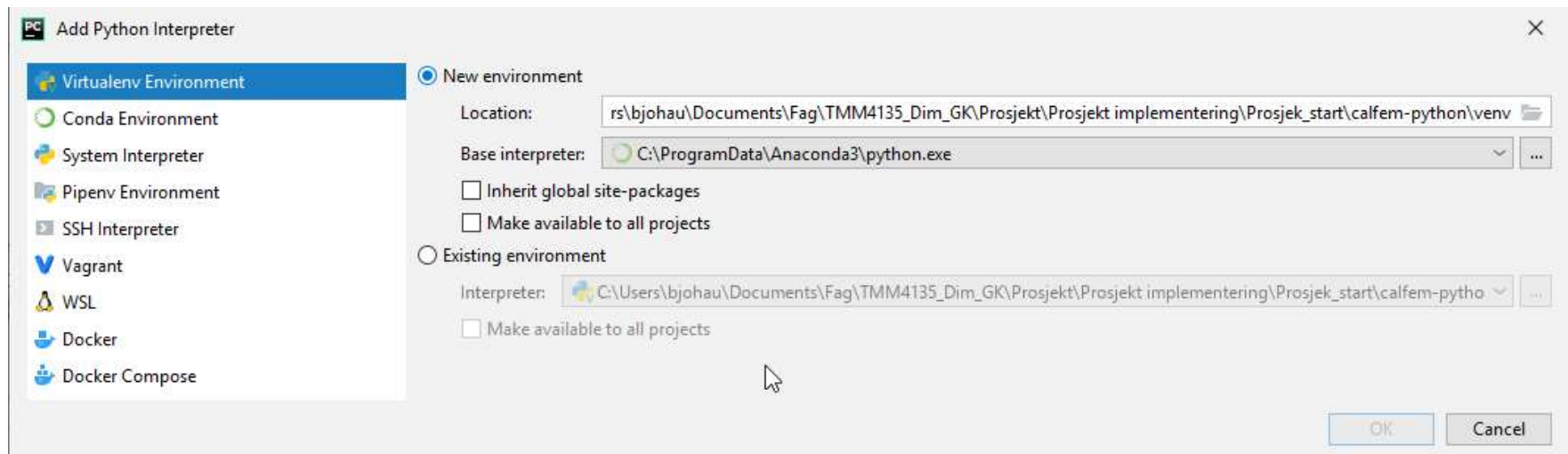
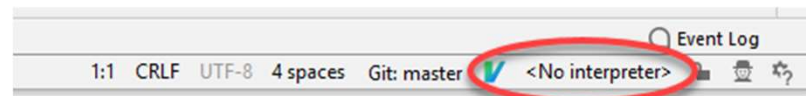
Some hint on Python start

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



2


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.

 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

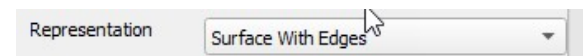
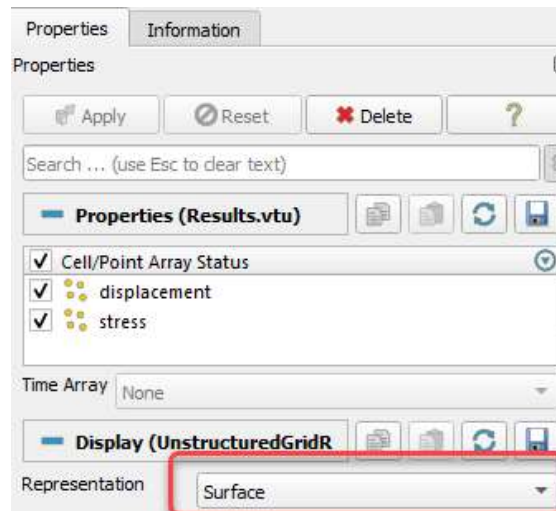
Open «Results.vtu» in ParaView

- 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 σ_{xx}
 - Y is σ_{yy}
 - Z is τ_{xy}

