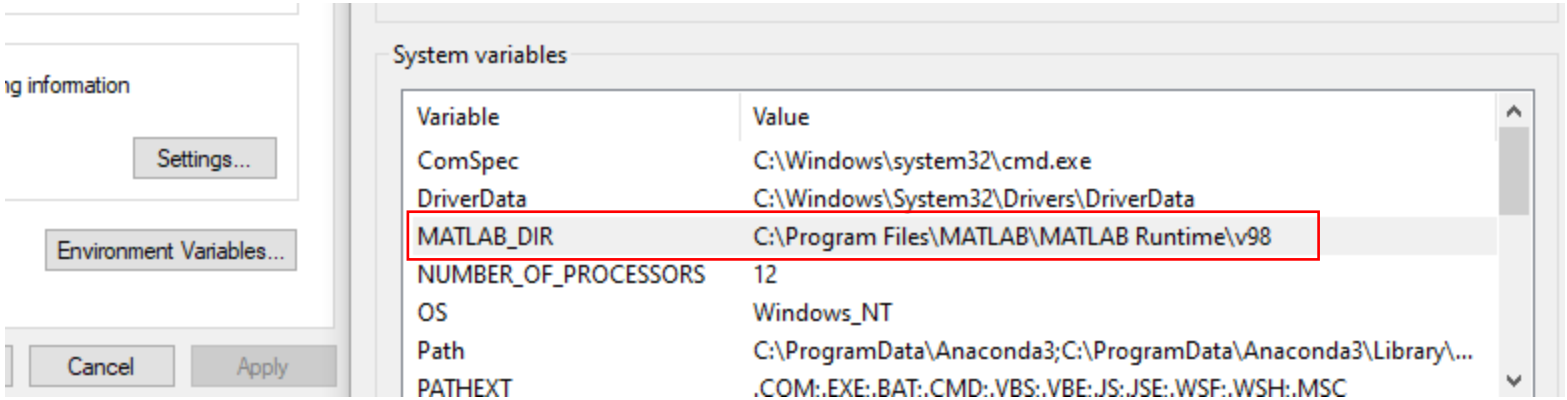
Phase Decomposition Program Opendtect Link Setup

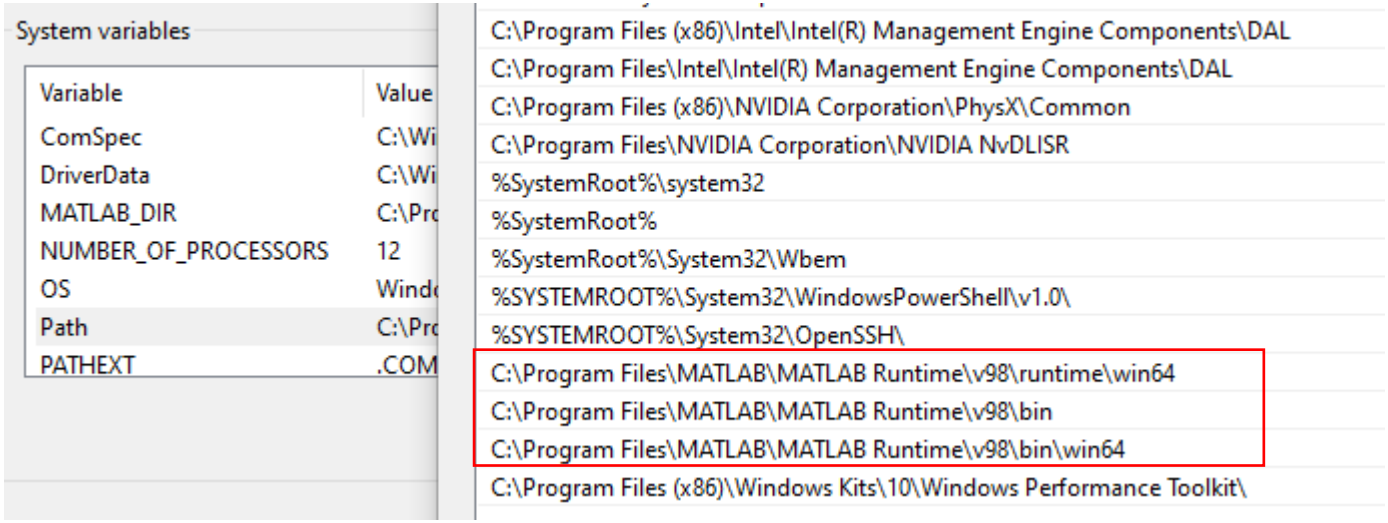
Prerequisite

- **Prerequisite files are required to install beforehand**
- **MATLAB (Tested on R2020) with Signal Processing license or freely available MATLAB runtime (should be same version as the program compiled with MATLAB Compiler) : https://www.mathworks.com/products/compiler/matlab-runtime.html**
- **Environmental setting (windows 10) for Path variable: Need to setup – Next Slide**
- **Tested Opendtect version : 6.4 https://www.dgbes.com/index.php/download**

System Variable New – MATLAB_DIR

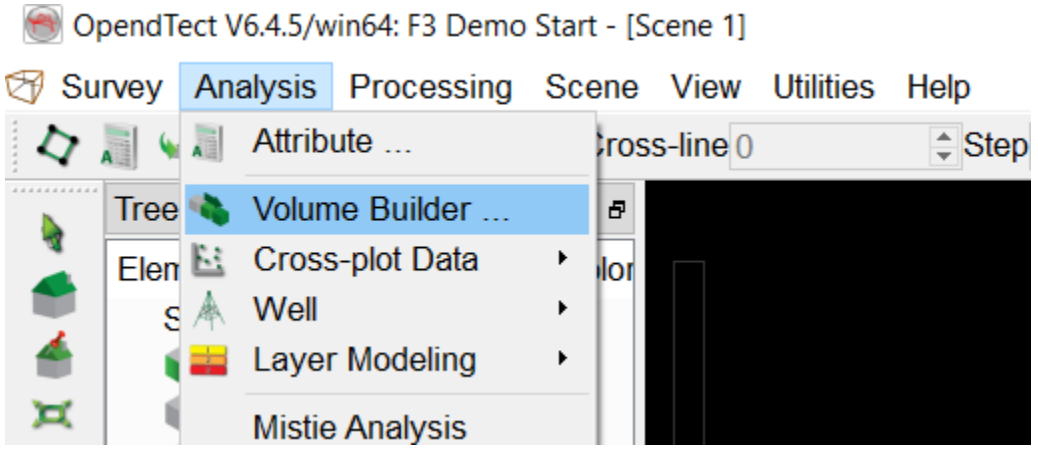


System Variable PATH



Opendtect Seismic Volume Run Steps

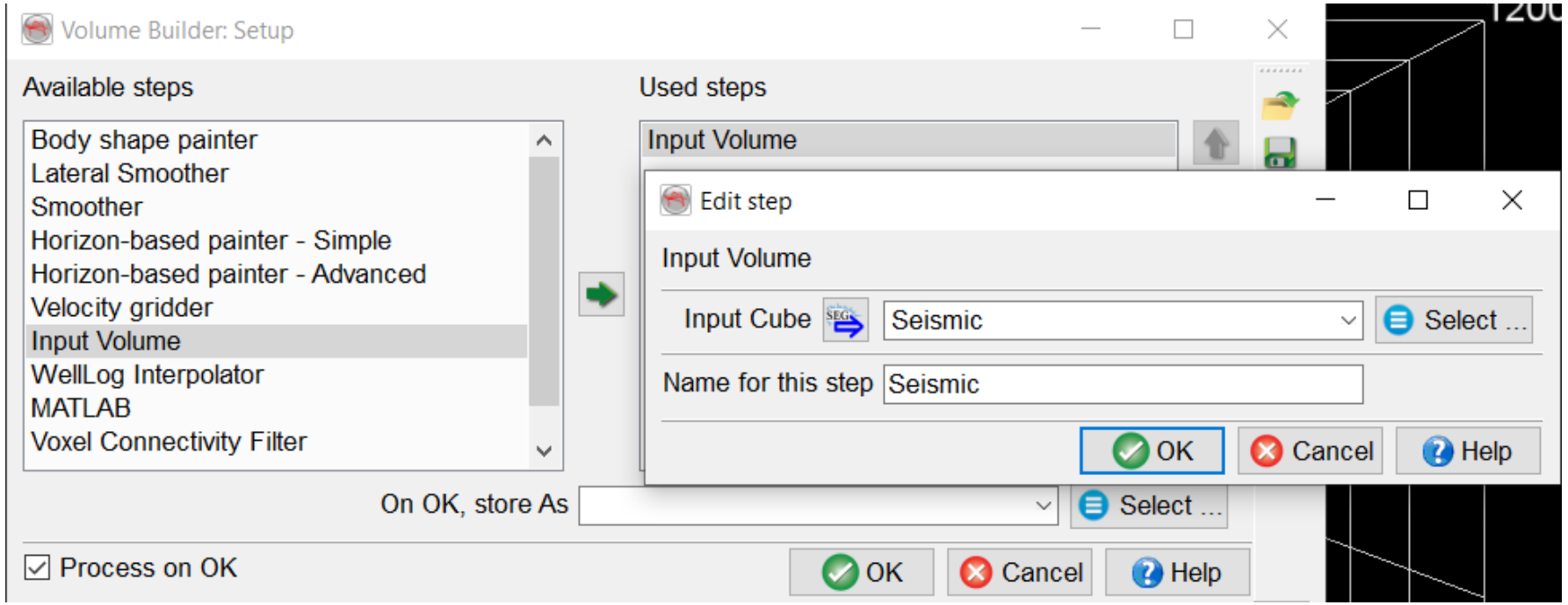
- Create the 3D seismic project and load 3D seismic data in Opendtect
- Click on Analysis>>Volume Builder*



*** Volume builder works only with 3D seismic**

Opendtect Seismic Volume Run Steps

- Add Input Volume and the select the seismic cube



Opendtect Seismic Volume Run Steps

- Add MATLAB and the select the DLL library file(c shared dll library file) and provide the requisite parameters