

FEA Visualization Tool

Thang Nguyen Huu

October 7, 2022

Contents

1	Application Interface	2
1.1	Load/Open File	2
1.2	View Port	2
1.3	View method	3
1.4	Limit Scalar	3

1 Application Interface

1.1 Load/Open File

You have 2 method to open the data:

- Open by select file.
- Open by select folder.

1

If you use the select file method you can open each file in the data folder or view the isolate file.

If you use the select folder method you can open all file with vtk format in the folder.

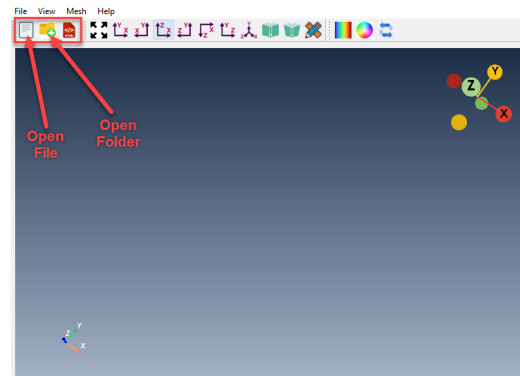


Figure 1: Open data method

1.2 View Port

You can choose the front, back, left, right, top, bottom and the isometric view by select the corresponding button in the toolbar. 2

If you select the Fit view button, the screen automate view fit all the component.

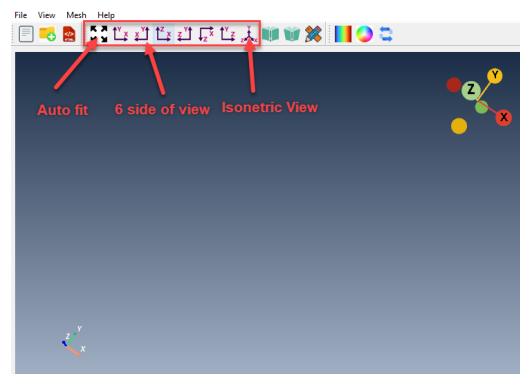


Figure 2: The Viewport.

1.3 View method

You can change the view method by select the view parallel or view perspective 3

1.4 Limit Scalar

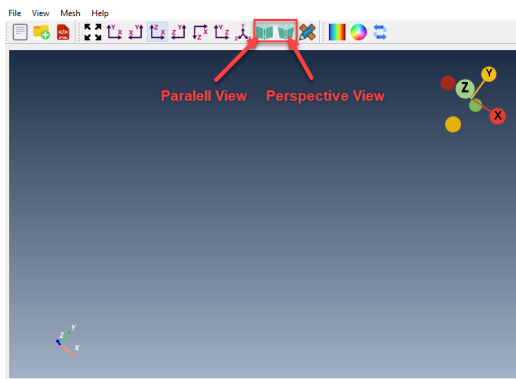


Figure 3: View Method.
You can change limit the scalar bar
by enter the input form4

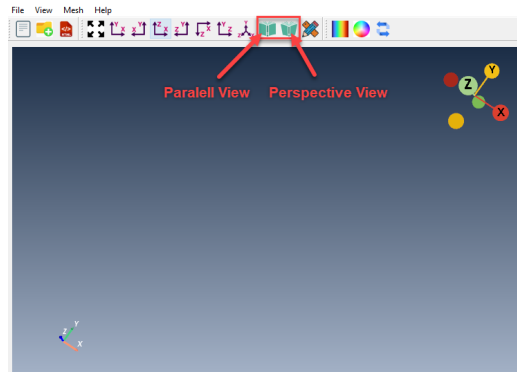


Figure 4: Scalar bar limit