Ui_MainWindow

+ centralWidget
+ groupBoxGraph
+ vboxLayout
+ splitter
+ qvtkWidget
+ run
+ loadFEMGroup
+ loadAnsysButton
+ loadAbaqusButton
+ loadCTGroup
+ loadDicomButton
+ loadMetafileButton
+ extrusionGroup
+ extrusionSlider
+ extrusionLabel
+ exportExtrusionButton
+ assignmentGroup
+ elementAssign
+ nodeAssign
+ showGroup
+ showFEMModel
+ showCTImage
+ showAssignment
+ showExtrudedImage
+ showScale
+ outputGroup
+ exportAnsysButton
+ exportAbaqusButton
+ interpolationGroup
+ cubicInterpolation
+ linearInterpolation

+ setupUi()
+ retranslateUi()

Ui::MainWindow

ui

MainWindow

- renderer
- femModelActor
- ctActor
- extrudedCtActor
- assignmentActor
- scaleActor
- ui
- mesh
- ctImage
- extrudedCtImage

+ MainWindow()
+ showActor()
+ hideActor()
+ ~MainWindow()
+ toggleFEMModel()
+ toggleCTImage()
+ toggleExtrudedCTImage()
+ toggleAssignment()
+ toggleScale()
+ loadAnsys()
+ loadAbaqus()
+ loadDicom()
+ loadMetafile()
+ extrusionSliderChanged()
+ exportExtrudedImage()
+ run()
# changeEvent()
- loadMesh()
- loadCtImage()
- showMessage()
- checkLoadComplete()