

<<Java Class>> **⊚** MainWindow controller

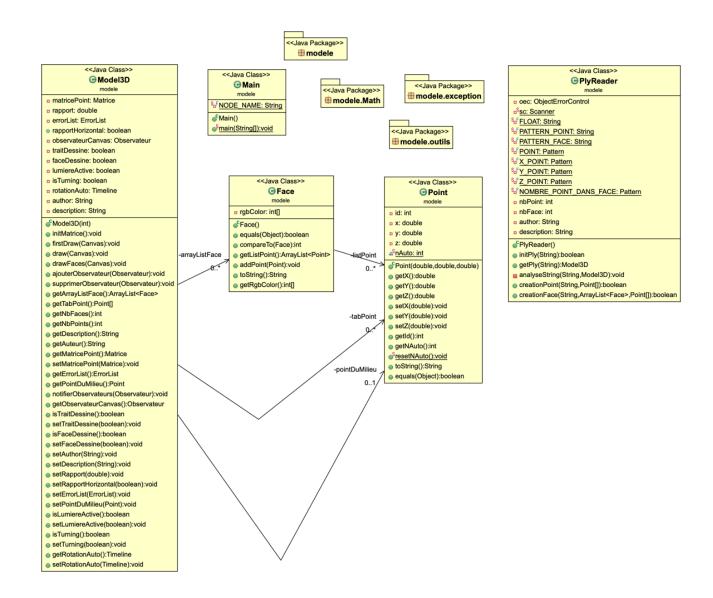
- △ listOfPlyFiles: ArrayList<Model3D>
- △ nbOngletActifs: int o^Sstage: Stage
- △ listLien: ObservableList<File>
- △ fichiersEnLecture: ArrayList<File>
- △ ply: Model3D
- ▲ aPlyReader: PlyReader
- △ onglets: TabPane
- △ listViewFiles: ListView<File> △ listFilesInformations: VBox
- ▲ listFiles: VBox
- △ fileAuteur: Label
- △ fileDescription: Label △ fileNbFaces: Label △ fileNbPoints: Label
- △ parcourir: Button △ importOpen: Button
- △ aboutUs: Button
- △ buttonTrait: ToggleButton
- △ buttonLumiere: ToggleButton △ buttonAutoTurn: ToggleButton
- △ buttonFaces: ToggleButton
- △ buttonFaces1: Button
- a quitter: Button
- setStage(Stage):void
- initialize():void
- informationSwitch():ChangeListener<Tab>
- buttonMaj():ChangeListener<Tab>
- listViewFilesFactory():Callback<ListView<File>,ListCell<File>>
- o recentlyOpenedFactory():Callback<ListView<File>,ListCell<File>>
- mouseClickedEvent(File):EventHandler<MouseEvent>
- fermetureOnglet():EventHandler<Event>
- mouseDraggedEvent():EventHandler<MouseEvent>
- mouseScrollEvent():EventHandler<ScrollEvent>
- buttonPressedParcourir():void
- importerFichier():File

<<Java Class>>

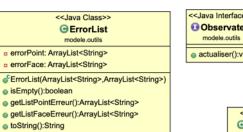
ErrorWindowController

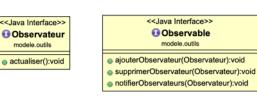
controller

- ▲ textListError: Text
- initialize():void
- buttonPressedOK():void









pointA: int

pointB: int

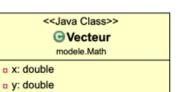


cptPoint: int cptFace: int cptLine: int cptPointManquant: int cptFaceManquante: int minX: double maxX: double ninY: double maxY: double minZ: double maxZ: double dansPoint: boolean incrCptPointDeUn():void incrCptFaceDeUn():void incrCptLineDeUn():void incrCptPointManquantDeUn():void incrCptFaceManquanteDeUn():void isDansPoint():boolean setDansPoint(boolean):void getCptPoint():int getCptFace():int getCptLine():int getCptPointManquant():int getCptFaceManquante():int getMinX():double setMinX(double):void getMaxX():double setMaxX(double):void getMinY():double setMinY(double):void getMaxY():double setMaxY(double):void getMinZ():double setMinZ(double):void getMaxZ():double setMaxZ(double):void

<<Java Class>>

⊙ ObjectErrorControl





- √Country (double, double, double)
- getX():double

z: double

- setX(double):void
- getY():double
- setY(double):void
- getZ():double
- setZ(double):void
- produitVectoriel(Vecteur):Vecteur
- produitScalaire(Vecteur):double
- Norme():double
- equals(Object):boolean
- Normalisation():Vecteur

<<Java Class>> Matrice modele.Math nb_Lignes: int nb_Col: int M: double[][] getNb_Lignes():int getNb_Col():int getM():double[][] addition(Matrice):Matrice addition(Point):Matrice multiplication(Matrice):Matrice multiplication(Point):Matrice multiplication(Matrice,Matrice):Matrice multiplication(Matrice,double):Matrice multiplication(double):Matrice homothétie(double):Matrice translation(double,double,double):Matrice rotation(Rotation,double):Matrice toString():String equals(Object):boolean

Rotation
modele.Math
§ X: Rotation
§ Y: Rotation
§ Z: Rotation

s: String
Rotation(String)
getRotation():String



<<Java Class>>

CreationNombreFaceException

modele.exception

SerialVersionUID: long

<<Java Class>>

● CreationFormatFaceException

modele.exception

SerialVersionUID: long

CreationFormatFaceException(String)

<<Java Class>>

CreationPointManquantException

modele.exception

SerialVersionUID: long

CreationPointManquantException(String)

<<Java Class>>

CreationFormatPointException

modele.exception

§ serialVersionUID: long

<<Java Package>>

vue

<<Java Class>>

Main
vue

GMain()
start(Stage):void
Main(String[]):void