## **UML Class**

## MainWindow

- · Ui::MainWindow:ui\*;
- m controller:Controller
- dataColumn:int static
- graph:Graph
- <constructor>> MainWindow(Controller \*controller, QWidget \*parent = nullptr)
- ~MainWindow()
- + changeToAdmin():void
- +changeToUser():void
- on\_pushButtonLogin\_clicked():void
- on\_pushButtonResetLogin\_clicked():void
- on\_comboBoxChooseTeamName\_activated(const QString &arg1):void
- on\_pushButtonSortByTeamNames\_clicked():void- on\_pushButtonSortByStadiumNames\_clicked():void
- on\_comboBoxChooseLeague\_activated(const QString &arg1):void
- on\_pushButtonSortByBallparkTypology\_clicked() :void
- on\_comboBoxChooseRoofType\_activated(const QString &arg1):void

- on\_pushButtonSortByDateOpened\_clicked():void on\_pushButtonSortBySeatingCapacity\_clicked():void on\_pushButtonSortByGreatestFromCenter\_clicked():void
- on\_pushButtonSortByLeastFromCenter\_clicked():void
- on\_pushButtonResetStadiumsTable\_clicked():void

- resetSortLabel(QString label):void fillStadiumsComboBoxes():void on\_pushButtonUserLogout\_clicked():void
- on\_pushButtonResetAllSouvenirs\_clicked():void
- on\_comboBoxChooseStadium\_activated(const QString &arg1):void
- resetSouvenirScreenLabels():void on\_tableviewAllSouvenirs\_activated(const QModelIndex &index):void on\_pushButtonDeleteSouvenir\_clicked():void
- on\_pushButtonEditPrice\_clicked():void
- on\_pushButtonAddNewSouvenir\_clicked():void
- on\_pushButtonReturnToMaintenanceScreen\_clicked():void on\_pushButtonReturnToMaintenanceScreen\_2\_clicked():void
- on pushButtonChangeToSouvenirs\_clicked():void
- on\_pushButtonChangeToStadiums\_clicked():void
- on\_pushButtonResetAllStadiumsTableADMIN\_clicked():void
- on\_comboBoxChooseTeamNameADMIN\_activated(const QString &arg1):void
  on\_tableViewAllStadiumsADMIN\_activated(const QModelIndex &index):void
- on pushButtonEditData clicked():void
- on\_pushButtonBFS\_clicked():void
- on\_comboBox\_activated(const QString &arg1):void

- on\_pushButtonDFS\_clicked():void on\_pushButtonDFSBFS\_clicked():void void on\_pushButtonMST\_2\_clicked():void
- hideInputFieldsADMIN():void
- on\_pushButtonUploadNewStadium\_clicked():void
- $on\_pushButtonReturnFromDFSBFSMST\_clicked (): void\\$
- on\_pushButtonUploadNewStadiumDistances\_clicked():void
  on\_pushButtonLogoutFromAdminMaintenance\_clicked():void
- on\_pushButtonToUserScreen\_clicked():void
- on\_pushButtonReturnFromShortestTripScreen\_clicked():void
- on\_pushButtonReturnFromCustomTripScreen\_clicked():void
- on\_pushButtonLogoutFromUserSelection\_clicked():void on\_pushButtonToDFSBFSMSTScreen\_clicked():void
- on pushButtonToShortestTripScreen clicked():void
- on\_pushButtonToCustomTripScreen\_clicked():void
- on\_tableViewCustomTrip\_activated(const QModelIndex &index):void
- on\_pushButtonResetDisplaySelectedTrip\_clicked():void on\_pushButtonCreateCustomDirectTrip\_clicked():void
- on pushButtonDodgerStadium clicked():void
- on\_pushButtonMarlinsPark\_clicked():void

## Controller

- m database:QSalDatabase
- <<constructor>> Controller(Controller& controller)
- <<destructor>> ~Controller()
- + createTables():void
- + loadStadiums():void
- + deleteSouvenir(QString souvenir, QString stadium):void + editSouvenir(QString stadium, QString souvenir, double price):void
- + createSouvenir(QString college, QString souvenir, double price):void
- + getSouvenirsQueryModel(QString query);QSqlQueryModel\*

