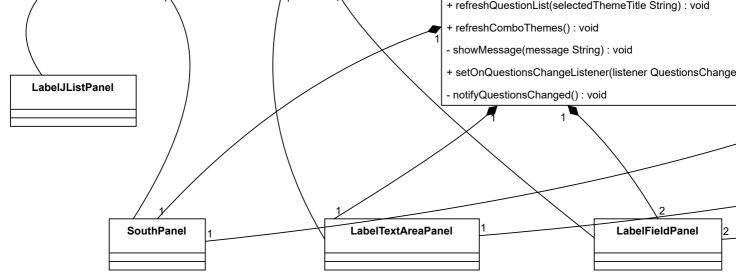
<<SubPanel>> <<ThemeChangeListener>> MainThemePanel

- SouthPanel bottomPanel
- SubPanel westPanel
- SubPanel centerPanel
- LabelFieldPanel labelFieldPanel
- LabelTextAreaPanel labelTextPanel
- MyLabel titleLabel
- int selectedIndex
- LabelJListPanel labelJListPanel
- List<quizlogic.Theme> allThemes
- List<String> themeTitles
- ThemeChangeListener onThemeChangeListener
- boolean isUpdating
- QuizDataManager dataManager
- + setOnThemeChangeListener(listener ThemeChangeListener): void
- + MainThemePanel()
- init(): void
- initComponents(): void
- initWestPanel(): SubPanel
- initTitlePanel(): SubPanel
- initCenterPanel(): SubPanel
- updateSelection(): void
- initButtonsActions(): void
- refreshThemes(): void
- saveTheme(): void
- deleteTheme(): void
- reset(): void
- resetFields(): void
- showMessage(message String): void

<<SubPanel>> <<ThemeChangeListener>> <<GuiConstants>> MainQuestionPanel

- QuizDataManager dataManager
- MyButton buttonShow
- SubPanel centerPanel
- SubPanel westPanel
- SouthPanel bottomPanel
- LabelFieldPanel themePanel
- LabelFieldPanel titlePanel
- LabelTextAreaPanel questionPanel
- AnswerPanel answerPanel
- ComboBoxJListPanel comboPanel
- String selectedThemeInfo
- int currentQuestionId
- Theme selectedTheme
- QuestionsChangeListener questionsChangeListener
- boolean isUpdatingCombo
- + MainQuestionPanel()
- fillWithData(question quizlogic.Question) : void
- init(): void
- initLayout(): void
- initComponents(): void
- initComboBoxListener(): void
- initButtonActions(): void
- initQuestionListListener(): void
- saveQuestionFromUI(): void
- collectQuestionFromUI(theme quizlogic.Theme) : quizlogic.
- clearAllFields(): void
- deleteQuestion(): void
- updateQuestionsList(themeTitle String) : void
- toggleShowListOrInfo(): void
- + refreshQuestionList(selectedThemeTitle String) : void



<<SubPanel>> <<QuestionChangeListener>> <<ThemeChangeListener>> <<GuiConstants>> MainPlayPanel - QuizDataManager dataManager - SubPanel centerPanel - SubPanel westPanel - SouthPanel bottomPanel - LabelFieldPanel themePanel - LabelFieldPanel titlePanel - LabelTextAreaPanel questionPanel - AnswerPanel answerPanel - ComboBoxJListPanel comboPanel - Theme selectedTheme - Question randomQuestion - int currentQuestionId + MainPlayPanel() - fillWithData(question quizlogic.Question) : void - init(): void - initLayout(): void - initComponents(): void - createWestPanel() : SubPanel - createThemePanel() : LabelFieldPanel - createTitlePanel(): LabelFieldPanel - createQuestionPanel(): LabelTextAreaPanel - createPossibleAnswerPanel(): SubPanel - createAnswerPanel(): SubPanel - createCenterPanel(): SubPanel Question - createComboPanel() : ComboBoxJListPanel + refreshThemes(): void - initComboBoxListener(): void - updateQuestionsList(themeTitle String) : void - initButtonActions(): void - showAnswer(): void - saveAnswer(): void - nextQuestion(theme quizlogic.Theme) : void :Listener): + onQuestionsChanged(): void showMessage(message String): void ComboBoxJListPanel AnswerPanel

MainStatisticPanel

+ MainStatisticPanel()

<<interface>> QuestionChangeListener

+void onQuestionsChanged()

<<interface>> ThemeChangeListener

+void onThemesChange()