



Visualizer

#ExitListener

+actionPerformed(e: ActionEvent): void

#QuickTipsListener

+actionPerformed(e: ActionEvent): void

#AboutListener

+actionPerformed(e: ActionEvent): void

-serialVersionUID : long = 1L -WINDOW_WIDTH : int = 500 -WINDOW_HEIGHT : int = 500

-options: String[]
-menuBar: JMenuBar
-fileMenu: JMenu
-settingsMenu: JMenu
-helpMenu: JMenu
-exitItem: JMenuItem
-quickTipsItem: JMenuItem
-aboutItem: JMenuItem
-openClassItem: JMenuItem

-toolBar : JToolBar -mainPanel : JPanel -scrollPane : JScrollPane -lastNameList : JList -firstNameList : JList -idNumberList : JList

-table : JTable

-columnToolTips : String[]

-data : Object[][]
-headers : Object[]
-primary : String[]
-firstName: String[]
-lastName : String[]
-idNumber : String[]

-tableModel : DefaultTableModel

-q : String[]
-front : int
-rear : int
-size : int

+Visualizer(): +mainPanel(): void +menuBar(): void +fileMenu(): void +settingsMenu(): void +helpMenu(): void +toolBar(): void

+enqueue(s: String): void

+peek(): String +dequeue(): String +empty(): boolean +toString(): String

Attendance

+main(args : String[]) : void



