Options + uniqueInstance : Options + mainPane : BorderPane + TabPane centerPane + ToolBar toolbar + VBox bottomPane + TitledPane outputWindow + HBox StatusBar

Singleton Pattern

+ Button btnNew + Button btnOpen + Button btnSave + Button btnCut + Button btnCopy

+ Button btnPaste + Button btnDelete + Button btnUndo + VBox topPane + Button btnAssemble

+ Button btnRun

+ ToggleButton btnFullScreen + Button btnSuggest + Button btnRedo + Button btnSaveAll

+ MenuBar mainMenu + Menu fileMenu + Menu editMenu + Menu viewMenu

+ Menu runMenu + Menu toolsMenu + Menu helpMenu

+ MenuItem menuPrint + MenuItem menuNew + MenuItem menuOpen + MenuItem menuSave + MenuItem menuSaveAs + MenuItem menuSaveAll + MenuItem menuExit

+ MenuItem menuCopy + MenuItem menuCut + MenuItem menuUndo + MenuItem menuPaste + MenuItem menuDelete + MenuItem menuSelectAll + MenuItem menuFindSelected + MenuItem menuRedo

+ MenuItem menuFind + MenuItem menuReplace + CheckMenuItem menuFullScreen + CheckMenuItem menuShowLineNumber

+ MenuItem menuRun + MenuItem menuAssemble + MenuItem menuSettings + MenuItem menuOpenInTerminal

+ MenuItem menuAbout + Label StatusBarText

+ TextField txtFind + HBox findBox

+ Scene scene + CodeArea output + Stage stage + boolean fullScreen + boolean lineNumber + getUniqueInstance : Options