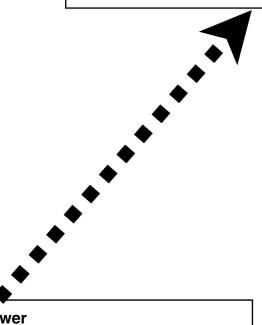
«interface» Serializable

- writeObject(obj: ObjectOutputStream)
- readObject(obj: ObjectOutputStream)
- readObjectNoData()



Answer

answer: String

- + setAnswer(string: String)
- getAnswer(): String
- . . .
- + toJsonString(): String
- + initFromJsonString(string: String)

FXMLCalculatorController

~output: TextField

- ~operator: String
- ~num1: Double
- ~answer: Answer
- ~SIMPLECALC: RwfwcbCalculatorController
- ~start: boolean
- ~decimalSet: boolean
- -stage: Stage
- ~sceneList: ArrayList<String>
- + initialize(url: URL, rb: ResourceBundle)
- -inputNumpad(event: ActionEvent)
- -inputOperator(event: ActionEvent)
- -inputClear(event: ActionEvent)
- -inputDecimal(event: ActionEvent)
- -inputPercent(event: ActionEvent)
- + handleOpen(event: ActionEvent)

+ handleSave(event: ActionEvent)

- -fillFormFromAnswer(answer: Answer)
- -createAnswerFromFormData(): Answer
- displayErrorAlert(message: String)
- handleGoToScientificCalculator(event: ActionEvent)
- handleGoToAbout(event: ActionEvent)

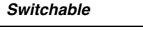


FXMLScientificCalculatorController

- + initialize(url: URL, rb: ResourceBundle)
- handleGoToCalculator(event: ActioinEvent)
- handleGoToAbout(event: ActionEvent)
- inputSquared(event: ActionEvent)
- inputCubed(event: ActionEvent)
- inputSin(event: ActionEvent)
- inputCos(event: ActionEvent)inputTan(event: ActionEvent)
- inputSquareRoot(event: ActionEvent)
- inputTenToPowerX(event: ActionEvent)
- inputEToPowerX(event: ActionEvent)

inputOneDividedByX(event: ActionEvent)

- inputPi(event: ActionEvent)



+ scene: Scene

+ CONTROLLERS: HashMap<String, Switchable>

- root: Parent

+setRoot(root: Parent)

+getRoot(): Parent

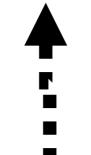
+add(name: String): Switchable

+switchTo(name: String)

+getControllerByName(name: String): Switchable

«interface» SimleCalculator

+ calculate(x:Double, y:Double, operator:String):Double



RwfwcbCalculatorController

+ calculate(x:Double, y:Double, operator:String):Double

Application

~STYLESHEET_CASPIAN: String

~STYLESHEET_MODENA: String

+ «constructor» Application()

~getUserAgentStyleSheet(): String

~launch(arg: String)

~setUserAgentStyleSheet(url String)

~init()

~start(primaryStage: Stage)

~stop()



RwfwcbCalculator

+ start(stage: Stage)

+ main(args: String[])

FXMLAboutController ~sceneList: ArrayList<String>

- handleGoToScientificCalculator(event: ActionEvent)
- handleGoToCalculator(event: ActionEvent)
- handleGoToAbout(event: ActionEvent)