

InvalidInfoException
+InvalidInfoException(message: String)

IOList
-category: String -cost: String -date: String -deleted: boolean -note: String
+IOList() +IOList(date: String, category: String, cost: String) +IOList(date: String, category: String, cost: String, note: String) +IOList(date: String, category: String, cost: String, note: String, deleted: boolean) +checkDay(dataY: String, dataM: String, dataD: String): void +checkLetterAndWhiteSpace(input: String): void +checkSpecialChar(data: String, message: String): void +checkYM(data: String, length: int, quantity: int, message: String): void +compareTo(o: IOList): int +getCategory(): String +getCost(): String +getDate(): String +getDeleted(): boolean +getNote(): String +setCategory(category: String): void +setCost(cost: String): void +setDate(date: String): void +setDeleted(deleted: String): void +setNote(note: String): void +toFile(): String +toString(): String

ExpenseList
+ExpenseList() +ExpenseList(date: String, category: String, cost: String) +ExpenseList(date: String, category: String, cost: String, note: String) +ExpenseList(date: String, category: String, cost: String, note: String, deleted: boolean)

IncomeList
+IncomeList() +IncomeList(date: String, category: String, cost: String) +IncomeList(date: String, category: String, cost: String, note: String) +IncomeList(date: String, category: String, cost: String, note: String, deleted: boolean)

<<interface>> ValidateInfo
+checkDay(dataY: String, dataM: String, dataD: String): void +checkLetterAndWhiteSpace(data: String): void +checkSpecialChar(data: String, message: String): void +checkYM(data: String, length: int, quantity: int, message: String): void

Background
-counter: int
+Background() +colorCircleAction(left: VBox, l1: Label, l2: Label, l3: Label, l4: Label, l5: Label, l6: Label): void

ListAction
+ListAction() +addBtnAction(incomeCombo: ComboBox, expenseCombo: ComboBox, inExBtn: ToggleButton, balance: BinaryFileBalance, balanceTf: TextField, yearTf: TextField, monthTf: TextField, dayTf: TextField, costTf: TextField, noteTf: TextField, right: ListView, lists: ArrayList<IOList>, errorLine: Label): void +inExBtnAction(costTf: TextField, incomeCombo: ComboBox, expenseCombo: ComboBox, inExBtn: ToggleButton, selectionLine: HBox): void +listAdd(balance: BinaryFileBalance, balanceTf: TextField, yearTf: TextField, monthTf: TextField, dayTf: TextField, costTf: TextField, noteTf: TextField, right: ListView, lists: ArrayList<IOList>, errorLine: Label, list: IOList, category: String): void +removeBtnAction(balance: BinaryFileBalance, balanceTf: TextField, right: ListView, lists: ArrayList<IOList>, errorLine: Label): void +setHeader(right: ListView): void +showListAction(right: ListView, showGroup: ToggleGroup, showIncome: ToggleButton, showExpense: ToggleButton, Lists: ArrayList<IOList>, errorLine: Label): void +sortBtnAction(right: ListView, sortBtn: ToggleButton, lists: ArrayList<IOList>): void

<<interface>> Header
+setHeader(right: ListView): void

TextFileAction
+TextFileAction() +getFilename(yearTf: TextField, monthTf: TextField, datTf: TextField): String +importBtnAction(balance: BinaryFileBalance, balanceTf: TextField, yearTf: TextField, monthTf: TextField, dayTf: TextField, right: ListView, lists: ArrayList<IOList>, errorLine: Label): void +newBtnAction(balance: BinaryFileBalance, balanceTf: TextField, yearTf: TextField, monthTf: TextField, dayTf: TextField, costTf: TextField, noteTf: TextField, inExBtn: ToggleButton, incomeCombo: ComboBox, right: ListView, lists: ArrayList<IOList>, errorLine: Label): void +openBtnAction(balanceTf: TextField, yearTf: TextField, monthTf: TextField, dayTf: TextField, right: ListView, lists: ArrayList<IOList>, errorLine: Label): void +saveBtnAction(balance: BinaryFileBalance, balanceTf: TextField, yearTf: TextField, monthTf: TextField, dayTf: TextField, right: ListView, lists: ArrayList<IOList>, errorLine: Label): void +setHeader(right: ListView): void

BinaryFileBalance
-serialVersionUID: long +value: double
+read(filename: String): Object +write(balance: Serializable, filename: String): void