Model.Main

Metier

TimeZoneHourSet

-timeZone: String
-hourProperty: SimpleStringProperty

+TimeZoneHourSet(timeZone: String, hourProperty: SimpleStringProperty)

Task

-title: String
-description: String
-date: LocalDate
-serialVersionUID: long {final}

+toString(): String
+Task(title: String, description: String, date: Localdate)

-timeZoneHourSets:ObservableList<TimeZoneHourSet>

Generate

CellFactory

+setTableView(tv: TableView)
+setTableAppearance(tv: TableView)

Timer

+pattern: String{final}
+timeZone: String* {final}

+getTimerProperty(): ObservableList<TimeZoneHourSet>

GenerateGrid

+trenteEtUnBtn: ToggleButton
+februaryList: List<ToggleButton>

+generateDayGrid(gp: GridPane, size: Double, cm: CalenderModel): GridPane
+februaryFix(currentYear: Integer)

Calendar

-monthChoice: Combobox<String>
-yearsComboBox: Combobox<String>
-title: TextField
-description: TextArea
-submit: Button
+dayGrid: GridPane

+initialize()

Persistance

TaskFactory

+saveTasks(allTasks: HashMap<LocalDate ListProperty<Task>>)
+readTasks(): HashMap<LocalDate ListProperty<Task>>

BinaryFileTaskFactory

+TASKFILE_PATH: String {final}

+saveTasks(allTasks: HashMap<LocalDate ListProperty<Task>>)
+readTasks(): HashMap<LocalDate ListProperty<Task>>

-cm

CalendarModel

-date: LocalDate
-title: StringProperty
-description: StringProperty
-currentDateLabel: StringProperty
-monthOptions: ObservableList<String>
-month: StringProperty
-selectedYear: IntergerProperty
-selectedMonth: IntergerProperty
-selectedDay: IntergerProperty
-theYears: ObservableList<String>

+updateDate()
+detTask(): Task
+Calendar(firstYear: Integer)

TaskModel

+addTask(tm: TaskManager, task: Task)
+down Task(tm: TaskManager, task: Task)
+deTask(tm: TaskManager, task: Task)
+getOldestYear(tm: TaskManager): int

-allTask: HashMap<LocalDate ListProperty<Task>>

TaskManager

+allTasksProperty(Id: LocalDate): ListProperty<Task>

-tm

-cm

MainWindow

-yearCb: ComboBox<String>
-monthCb: ComboBox<String>
-currentDateLabel: Label
-todolist: ListView
-dayGrid: GridPane
-addBtn: Button
-taskTitle: Label
-taskDescription: Label
-del: Button
-done: Button
-tableView: TableView
-hiddenLabel: Label

+initialize()
-openWindowAddTask(actionEvent: ActionEvent, tm: TaskManager, cm: CalendarModel)

Main

-loader: FXMLLoader

+start(stage: Stage)
+stop()