TaskList (interface)

m	add(Task)	void
m	remove(Task)	boolean
m	size()	int
m	getTask(int)	Task
m	getAll()	List<Task>
m	incoming(Date, Date)	TaskList

LinkedTaskList

f	log	Logger
f	numberOfTasks	int
f	last	Node
m	add(Task)	void
m	remove(Task)	boolean
m	size()	int
m	getTask(int)	Task
m	getAll()	List<Task>
m	iterator()	Iterator<Task>
m	equals(Object)	boolean
m	hashCode()	int
m	toString()	String
m	clone()	LinkedTaskList

ArrayTaskList

f	tasks	Task[]
f	numberOfTasks	int
f	currentCapacity	int
f	log	Logger
m	ArrayTaskList()	
m	iterator()	Iterator<Task>
m	add(Task)	void
m	remove(Task)	boolean
m	size()	int
m	getTask(int)	Task
m	getAll()	List<Task>
m	equals(Object)	boolean
m	hashCode()	int
m	toString()	String
m	clone()	ArrayTaskList

Node

f	task	Task
f	last	Node
f	next	Node
m	Node(Task, Node)	
m	getNext()	Node
m	setNext(Node)	void
m	getTask()	Task
m	getLast()	Node
m	setLast(Node)	void

LinkedTaskListIterator

f	cursor	int
f	lastCalled	int
m	hasNext()	boolean
m	next()	Task
m	remove()	void

ArrayTaskListIterator

f	cursor	int
f	lastCalled	int
m	hasNext()	boolean
m	next()	Task
m	remove()	void

NewEditController

f	clickedButton	Button
f	log	Logger
f	currentStage	Stage
f	currentTask	Task
f	tasksList	ObservableList<Task>
f	service	TasksService
f	dateService	DateService
f	shouldEdit	boolean
f	incorrectInputMade	boolean
f	fieldTitle	TextField
f	datePickerStart	DatePicker
f	txtFieldTimeStart	TextField
f	datePickerEnd	DatePicker
f	txtFieldTimeEnd	TextField
f	fieldInterval	TextField
f	checkBoxActive	CheckBox
f	checkBoxRepeated	CheckBox
f	DEFAULT_START_TIME	String
f	DEFAULT_END_TIME	String
f	DEFAULT_INTERVAL_TIME	String
m	setClickedButton(Button)	void
m	setCurrentStage(Stage)	void
m	setShouldEdit(boolean)	void
m	setTasksList(ObservableList<Task>)	void
m	setService(TasksService)	void
m	setCurrentTask(Task)	void
m	initialize()	void
m	initNewWindow(String)	void
m	initEditWindow(String)	void
m	switchRepeatedCheckbox(ActionEvent)	void
m	hideRepeatedTaskModule(boolean)	void
m	saveChanges()	void
m	closeDialogWindow()	void
m	collectFieldsData()	void
m	makeTask()	Task

Task

f	title	String
f	time	Date
f	start	Date
f	end	Date
f	interval	int
f	active	boolean
f	log	Logger
f	sdf	SimpleDateFormat
m	Task(String, Date)	
m	Task(String, Date, Date, int)	
m	getTitle()	String
m	setTitle(String)	void
m	isActive()	boolean
m	setActive(boolean)	void
m	getTime()	Date
m	setTime(Date)	void
m	getStartTime()	Date
m	getEndTime()	Date
m	getRepeatInterval()	int
m	setTime(Date, Date, int)	void
m	isRepeated()	boolean
m	nextTimeAfter(Date)	Date
m	getFormattedDateStart()	String
m	getFormattedDateEnd()	String
m	getFormattedRepeated()	String
m	equals(Object)	boolean
m	hashCode()	int
m	toString()	String
m	clone()	Task

Controller

f	log	Logger
f	tasksList	ObservableList<Task>
f	service	TasksService
f	dateService	DateService
f	editNewStage	Stage
f	infoStage	Stage
f	mainTable	TableView
f	tasks	TableView
f	columnTitle	TableColumn<Task, String>
f	columnTime	TableColumn<Task, String>
f	columnRepeated	TableColumn<Task, String>
f	labelCount	Label
f	datePickerFrom	DatePicker
f	fieldTimeFrom	TextField
f	datePickerTo	DatePicker
f	fieldTimeTo	TextField
m	setService(TasksService)	void
m	initialize()	void
m	updateCountLabel(ObservableList<Task>)	void
m	showTaskDialog(ActionEvent)	void
m	deleteTask()	void
m	showDetailedInfo()	void
m	showFilteredTasks()	void
m	getDateFromFilterField(LocalDate, String)	Date
m	resetFilteredTasks()	void

TasksOperations

f	tasks	List<Task>
f	log	Logger
m	TasksOperations(ObservableList<Task>)	
m	incoming(Date, Date)	Iterable<Task>
m	calendar(Date, Date)	SortedMap<Date, Set<Task>>

TaskIO

f	simpleDateFormat	SimpleDateFormat
f	TIME_ENTITY	String[]
f	SECONDS_IN_DAY	int
f	SECONDS_IN_HOUR	int
f	SECONDS_IN_MIN	int
f	IO_ERROR	String
f	log	Logger
m	TaskIO()	
m	write(TaskList, OutputStream)	void
m	read(TaskList, InputStream)	void
m	writeBinary(TaskList, File)	void
m	readBinary(TaskList, File)	void
m	write(TaskList, Writer)	void
m	read(TaskList, Reader)	void
m	writeText(TaskList, File)	void
m	readText(TaskList, File)	void
m	getTaskFromString(String)	Task
m	getIntervalFromText(String)	int
m	getDateFromText(String, boolean)	Date
m	getTitleFromText(String)	String
m	getFormattedTask(Task)	String
m	getFormattedInterval(int)	String
m	rewriteFile(ObservableList<Task>)	void

DateService

f	SECONDS_IN_MINUTE	int
f	MINUTES_IN_HOUR	int
f	HOURS_IN_A_DAY	int
f	service	TasksService
m	DateService(TasksService)	
m	getLocalDateValueFromDate(Date)	LocalDate
m	getDateValueFromLocalDate(LocalDate)	Date
m	getDateMergedWithTime(String, Date)	Date
m	getTimeOfTheDayFromDate(Date)	String

Main

f	primaryStage	Stage
f	DEFAULT_WIDTH	int
f	DEFAULT_HEIGHT	int
f	log	Logger
f	savedTasksList	ArrayTaskList
f	classLoader	ClassLoader
f	savedTasksFile	File
m	start(Stage)	void
m	main(String[])	void

TasksService

f	tasks	ArrayTaskList
m	TasksService(ArrayTaskList)	
m	setTasks(ArrayTaskList)	void
m	getObservableList()	ObservableList<Task>
m	getIntervalInHours(Task)	String
m	formTimeUnit(int)	String
m	parseFromStringToSeconds(String)	int
m	filterTasks(Date, Date)	Iterable<Task>

Notificator

f	MILLISECONDS_IN_SEC	int
f	SECONDS_IN_MIN	int
f	log	Logger
f	tasksList	ObservableList<Task>
m	Notificator(ObservableList<Task>)	
m	run()	void
m	showNotification(Task)	void
m	getTimeInMinutes(Date)	long

TaskInfoController

f	log	Logger
f	labelTitle	Label
f	labelStart	Label
f	labelEnd	Label
f	labelInterval	Label
f	labelIsActive	Label
m	initialize()	void
m	closeWindow()	void