config

Config
```
+PROPERTIES_FILE_NAME : String = "timetable.properties"
+PROPERTIES_FILE_PATH : String = System
  .getProperty("user.dir")
  + System.getProperty("file.separator")
  + PROPERTIES_FILE_NAME
+IDENTIFIER_LOWER_CASE : String = "lower"
+IDENTIFIER_UPPER_CASE : String = "upper"
+IDENTIFIER_BOTH_CASES : String = "both"
+RESET_DIALOGS_IDENTFIER_STRING : String = "dialog"
-LOGGER : Logger = LogManager.getLogger("Config")
-propertiesConfig : PropertiesConfiguration
```
```
-Config()
+init() : void
+getPropValue(propKey : String) : String []
+updateProperty(propKey : String, propValue : String) : boolean
+addProperty(propKey : String, propValue : String) : boolean
+clearProperty(propKey : String) : void
+getSingleIntValue(defaultConfigEnum : DefaultConfigEnum) : int
+getSingleStringValue(defaultConfigEnum : DefaultConfigEnum) : String
+getBooleanValue(defaultConfigEnum : DefaultConfigEnum) : boolean
+getValidWeekdays() : List<Weekday>
-createNewConfig() : void
```

ConfigServletListener
```
+contextInitialized(event : ServletContextEvent) : void
+contextDestroyed(arg0 : ServletContextEvent) : void
```

<<enumeration>> DefaultConfigEnum
```
-propKey : String
-propValue : String
```
```
-DefaultConfigEnum(propKey : String, propValue : String)
```
```
BACKUP_INTERVAL
BACKUP_TIME
BACKUP_NEXTDATE
WEEKDAY_MONDAY
WEEKDAY_TUESDAY
WEEKDAY_WEDNESDAY
WEEKDAY_THURSDAY
WEEKDAY_FRIDAY
WEEKDAY_SATURDAY
WEEKDAY_SUNDAY
WEEKDAY_STARTTIME
WEEKDAY_ENDTIME
TIMETABLE_GRID
TYPICAL_ACTIVITY_DURATION
TEACHER_HOURLY_SETTLEMENT
PEDAGOGIC_ASSISTANT_HOURLY_SETTLEMENT
HIDE_TEACHER_DELETION_DIALOG
HIDE_PA_DELETION_DIALOG
HIDE_SCHOOLCLASS_DELETION_DIALOG
HIDE_LOCATION_DELETION_DIALOG
HIDE_ROOM_DELETION_DIALOG
HIDE_ACTIVITYTYPE_DELETION_DIALOG
HIDE_CLASSTEAM_DELETION_DIALOG
SCHOOLCLASS_IDENTIFIER_CASE
PAUSE_COLOR
COMPOUND_LESSON_COLOR
MEETING_COLOR
LESSON_STRESSING_COLOR
LESSON_RELAXING_COLOR
```

exceptions

InvalidFileException
```
-serialVersionUID : long = 5888889561386124091L
```

DatasetException
```
-serialVersionUID : long = -1484024982366879197L
```
```
+DatasetException(message : String)
```

objects

specj

<<Interface>> IMementoObject
```
+createMemento() : IMemento
+setMemento(memento : IMemento) : void
+setMemento(memento : IMemento) : void
```

<<Interface>> IActivityObject

<<Interface>> IMemento

messages

<<enumeration>> GenericErrorMessage
```
-summary : String
-statusMessage : String
```
```
-GenericErrorMessage(summary : String, statusMessage : String)
```
```
DATABASE_COMMUNICATION_ERROR
CONFIG_UPDATE_ERROR
NAME_IS_EMPTY
NAME_ALREADY_EXISTS
SYMBOL_IS_EMPTY
SYMBOL_ALREADY_EXISTS
UNDO_EMPTY
REDO_EMPTY
BACKUP_FAILURE
RESTORE_FAILURE
NOT_FULLY_RESTORED
INVALID_FILE
NO_ACTIVITIES_TO_DELETE
INVALID_WEEKDAY_IN_DISPLAY
INVALID_WEEKDAY
```

<<enumeration>> SpecificErrorMessage
```
-summary : String
-statusMessage : String
```
```
-SpecificErrorMessage(summary : String, statusMessage : String)
```
```
ADD_OBJECT_DATASET_EXCEPTION
UPDATE_OBJECT_DATASET_EXCEPTION
DELETE_OBJECT_DATASET_EXCEPTION
VALIDATE_ACTIVITY_EXCEPTION
```

<<enumeration>> GenericSuccessMessage
```
-summary : String
-message : String
```
```
-GenericSuccessMessage(summary : String, message : String)
```
```
BACKUP_SUCCESS
RESTORE_SUCCESS
VALIDATE_SUCCESS
```

<<enumeration>> SpecificSuccessMessage
```
<<Property>> -summary : String
<<Property>> -message : String
```
```
-SpecificSuccessMessage(summary : String, message : String)
```
```
ADD_OBJECT_SUCCESS
UPDATE_OBJECT_SUCCESS
DELETE_OBJECT_SUCCESS
```

MessageHelper
```
+generateMessage(message : SpecificErrorMessage, clazz : Class<? extends Entity>, severity : Severity) : FacesMessage
+generateMessage(message : GenericErrorMessage, severity : Severity) : FacesMessage
+generateMessage(message : SpecificSuccessMessage, entity : Entity) : FacesMessage
+generateMessage(message : GenericSuccessMessage) : FacesMessage
-getInsertString(clazz : Class<? extends Entity>, success : boolean) : String
```