

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_IDENTIFIER_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
+createNewConfig() : void
```

ConfigServletListener

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

<<enumeration>>

DefaultConfigEnum

```
<<Property>> -propKey : String
<<Property>> -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
```

exceptions

InvalidFileException

```
-serialVersionUID : long = 588889561386124091L
```

DatasetException

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

objects

spec

<<interface>>

IMementoObject

```
+createMemento() : IMemento
+setMemento(memento : IMemento) : void
```

<<interface>>

IActivityObject

<<interface>>

IMemento

messages

<<enumeration>>

GenericErrorMessage

```
<<Property>> -summary : String
<<Property>> -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
```

<<Property>>

-summary : String

-statusMessage : String

```
-GenericErrorMessage(summary : String, statusMessage : 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
```

<<Property>>

-summary : String

-message : String

```
-SpecificSuccessMessage(summary : String, message : String)

ADD_OBJECT_SUCCESS
UPDATE_OBJECT_SUCCESS
DELETE_OBJECT_SUCCESS
```

<<enumeration>>

SpecificErrorMessage

```
<<Property>> -summary : String
<<Property>> -statusMessage : String
-SpecificErrorMessage(summary : String, statusMessage : String)

ADD_OBJECT_DATASET_EXCEPTION
UPDATE_OBJECT_DATASET_EXCEPTION
DELETE_OBJECT_DATASET_EXCEPTION
VALIDATE_ACTIVITY_EXCEPTION
```

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
```