PersonalPlanRow

teacherName : String -totalHours : BigDecimal

-cellMap : Map<LessonType, Map<Schoolclass, Integer>>

+PersonalPlanRow(teacherName : String, totalHours : BigDecimal, freeHours : BigDecimal)

+insertCellValue(lesson : Lesson) : void +getSchoolclasses(lessonType : LessonType) : List<Schoolclass>

+getTotalDuration(lessonType : LessonType, schoolclass : Schoolclass) : String +getHasRemainingHours() : Boolean

+getHasOverflow(): Boolean +getFreeHours() : String +getTotalHours() : String +getOverflowHours(): String

EmployeeDailyViewHelper

employee : Employee

scheduleModel : ScheduleModel

+EmployeeDailyViewHelper(employee : Employee, scheduleModel : ScheduleModel)

<<Singleton>>

location : Location

+getHasEntity() : Boolean -unsetAllExcept(entity : Entity) : void

+unsetAll(): void

+getInstance() : ActivityTOHolder +plainActivityTO() : void

<Singleton ActivityParser

-LOGGER: Logger = LogManager.getLogger(ActivityParser.class)
-dataAccess: DataAccess = DataAccess.getInstance()

-INSTANCE : ActivityParser = new ActivityParser()

ActivityParser()

+getInstance(): ActivityParser +getActivityModel(teacher: Teacher): ScheduleModel +getActivityModel(schoolclass: Schoolclass): ScheduleModel

+getActivityModel(pedagogicAssistant : PedagogicAssistant) : ScheduleModel +getActivityModel(room : Room) : ScheduleModel

+getActivityModel(room: Koom): ScheduleModel
+getActivityModel(activities: List=Activity, editable: Boolean): ScheduleModel
-getActivityStartDate(activity: Activity): Date
-getActivityEndDate(activity: Activity): Date
-getActivityDate(activity: Activity): Long): Date
-getEvent(event: DefaultScheduleEvent, activity: Activity): DefaultScheduleEvent
-getLessonEvent(event: DefaultScheduleEvent, lesson: Lesson): DefaultScheduleEvent
-getMeetingEvent(event: DefaultScheduleEvent, meeting: Meeting): DefaultScheduleEvent
-getCompoundLessonEvent(event: DefaultScheduleEvent): DefaultScheduleEvent

-getPauseEvent(event : DefaultScheduleEvent, pause : Pause) : DefaultScheduleEvent

EntityHelper

teacher : Teacher

pedagogicAssistant : PedagogicAssistant

-room : Room -academicYear : AcademicYear schoolclass : Schoolclass

-INSTANCE : EntityHelper = new EntityHelper()

-EntityHelper()

+getInstance() : EntityHelper

<<Singleton> ActivityTOHolder

-activityTO : ActivityTO

-INSTANCE : ActivityTOHolder = new ActivityTOHolder()

-ActivityTOHolder()

ScheduleModelHolder -LOGGER: Logger = LogManager .getLogger(ScheduleModelHolder.class) -scheduleModel : ScheduleModel entity : Entity -enuly . Enuly
-INSTANCE : ScheduleModelHolder = new ScheduleModelHolder()
-activityParser : ActivityParser = org.woym.ui.util.ActivityParser.getInstance() -ScheduleModelHolder() +getInstance(): ScheduleModelHolder +emptyScheduleModel(): ScheduleModel

<<Singleton>

PersonalPlanHelpe

-LOGGER : Logger = LogManager _.getLogger(PersonalPlanHelper.class)

+updateScheduleModel(): void

-dataAccess : DataAccess = DataAccess.getInstance()

-INSTANCE : PersonalPlanHelper = new PersonalPlanHelper()
-activityParser : ActivityParser = org.woym.ui.util.ActivityParser.getInstance()

-PersonalPlanHelper()

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**tellenance() : PersonalPlanHelper

**tellenance() : Views(weekday) : List<EmployeeDailyViewHelpers

**tellenance() : List<PersonalPlanRows

-produceTeacherMap() : Map<Teacher, PersonalPlanRows

AcademicYearNameConverter

dataAccess : DataAccess = DataAccess.getInstance()

-LOGGER : Logger = LogManage

.getLogger(AcademicYearNameConverter.class) sObject(context : FacesContext, component : UIComponent, value : String) : Object +getAsString(context : FacesContext, component : UIComponent, value : Object) : String

EmployeeNameConverter

-dataAccess : DataAccess = DataAccess.getInstance()

+getAsObject(context : FacesContext, component : UIComponent, value : String) : Object +getAsString(context : FacesContext, component : UIComponent, value : Object) : String

SchoolclassNameConverter

dataAccess : DataAccess = DataAccess.getInstance()

-LOGGER : Logger = LogManager .getLogger(SchoolclassNameConverter.class)

-getAsObject(context : FacesContext, component : UlComponent, value : String) : Object -getAsString(context : FacesContext, component : UlComponent, value : Object) : String

MeetingTypeNameConverter

-dataAccess : DataAccess = DataAccess.getInstance()

+getAsObject(context : FacesContext, uiComponent : UIComponent, value : String) : Object +getAsString(context : FacesContext, uiComponent : UIComponent, value : Object) : String

converters

RoomNameConverter

dataAccess : DataAccess = DataAcce

-LOGGER : Logger = LogManager .getLogger(RoomNameConverter.class)

+getAsObject(context : FacesContext, component : UIComponent, value : String) : Object +getAsString(context : FacesContext, component : UIComponent, value : Object) : String

LocationNameConverter

dataAccess : DataAccess = DataAccess.getInstance()

+getAsObject(context : FacesContext, component : UIComponent, value : String) : Object rgetAsString(context : FacesContext, component : UIComponent, value : Object) : String

LessonTypeNameConverter

-dataAccess : DataAccess = DataAccess.getInstance()

+getAsObject(context : FacesContext, uiComponent : UIComponent, value : String) : Object +getAsString(context : FacesContext, uiComponent : UIComponent, value : Object) : String

WeekdayNameConverter

+getAsObject(context : FacesContext, component : UIComponent, value : String) : Object + get AsString (context: FacesContext, component: UIComponent, value: Object): String

NameValidator

+BEAN_NAME : String = "validateBean"

+PARENT_BEAN : String = "parentBean" -LOGGER: Logger = LogManager.getLogger(NameValidator.class)
-dataAccess: DataAccess = DataAccess.getInstance()

-validate(context : FacesContext, uiComponent : UIComponent, value : Object) : void

-getNameIsEmptyMessage() : FacesMessage -getNameAlreadyExistsMessage() : FacesMessage

RegexNumberValidator

+validate(context : FacesContext, component : UIComponent, value : Object) : void

validators

TimeRangeValidator

-LOGGER : Logger = LogManager.getLogger(TimeRangeValidator.class)

+validate(context : FacesContext, component : UlComponent, value : Object) : void -isTimeInRange(startTime : Date, endTime : Date) : boolean

TwoLocationsValidator

+validate(context : FacesContext, component : UIComponent, value : Object) : void

TeacherListValidator

+validate(context : FacesContext, component : UIComponent, value : Object) : void