

manage			
<div><div>AcademicYearAndClassController</div><pre>LOGGER : Logger = LogManager getLogger(AcademicYearAndClassController.class.getName()) INITIAL_GENERATOR_SIZE : int = 1 MAX_GENERATOR_SIZE : int = 20 @dataAccess : DataAccess = DataAccess.getInstance() commandHandler : CommandHandler = CommandHandler.getInstance() commandCreator : CommandCreator = CommandCreator.getInstance() academicYear : AcademicYear schoolclass : Schoolclass location : Location academicYearMemento : Memento schoolclassMemento : Memento generatorSize : int hideDeleteDialog : boolean hide : boolean init() : void getAcademicYear() : List<AcademicYear> +beforeAdd() : void +beforeSchool() : void +getSchoolclasses() : List<Schoolclass> +generateAcademicYear() : void +addAcademicYear() : void getMaxYear() : int +getValidIdentifier() : List<Character> +addSchoolclass() : void +beforeAdd() : void +beforeSchool() : void +deleteSchoolclass() : void +getGeneratorSize() : int</pre></div>	<div><div>ConfigController</div><pre>MAX_SPINNER_VALUE : int = 1440 MIN_SPINNER_VALUE : int = 1 LOWER_CASE : String = ConfigIdentifier.LOWER_CASE UPPER_CASE : String = ConfigIdentifier.UPPER_CASE BOTH_CASES : String = ConfigIdentifier.BOTH_CASES MAX_DLY_VALUE : int = 20 +DISABLED_BACKUPS : String = "disabled" +DISABLED_BACKUPS : Backup = "enabled" +DAILY_BACKUPS : String = "daily" weekdays : List<Weekday> = Arrays.asList(Weekday.values()) selectedWeekdays : List<Weekday> weeklyStartTime : Date weeklyEndTime : Date setSimpleDateFormat : new SimpleDateFormat("HH:mm") settableGrid : int teacherSettlement : int psSettlement : int typicalActivityDuration : int identifierCase : String backupIntervalValue : int backupInterval : int backupStartTime : Date intervalType : String selectedDayOfWeek : int = 1 init() : void +updateProperties() : void +deleteAllActivities() : void +resetDialog() : void +selectedBackupSettings() : void +validateBackupSettings() : boolean +getMaxSpinnerValue() : int +getMinSpinnerValue() : int +getCoverCase() : String +getTypicalCase() : String +getTypicalCase() : String +getMaxDayValue() : int +getDailyBackups() : String +getMinuteBackups() : String +getDailyBackups() : String</pre></div>	<div><div>TeacherController</div><pre>LOGGER : Logger = LogManager getLogger(TeacherController.class.getName()) @dataAccess : DataAccess = DataAccess.getInstance() commandHandler : CommandHandler = CommandHandler.getInstance() commandCreator : CommandCreator = CommandCreator.getInstance() locationMemento : Memento teacher : Teacher teacherMemento : Memento activityTypes : DualListModel<ActivityType> hideDeleteDialog : boolean hide : boolean init() : void hourlySettlement : int init() : void onTransfer(event : TransferEvent) : void +checkHourPerWeek(event : ValueChangeEvent) : void +refresh() : void +getTeacher() : List<Teacher> +addTeacherDialog() : void +generateTeacherMemento() : void +addTeacher() : void +deleteTeacher() : void +addTeacher() : void</pre></div>	<div><div>LocationController</div><pre>@dataAccess : DataAccess = DataAccess.getInstance() LOGGER : Logger = LogManager getLogger(LocationController.class.getName()) commandHandler : CommandHandler = CommandHandler.getInstance() commandCreator : CommandCreator = CommandCreator.getInstance() locationMemento : Memento location : Location hideDeleteDialog : boolean hide : boolean init() : void +getLocation() : List<Location> +generateLocationMemento() : void +addLocation() : void +deleteLocation() : void +addLocation() : void +addTravelTime() : void +deleteTravelTime() : void +getTravelTimeEdges() : List<Edge></pre></div>
<div><div>PedagogicAssistantController</div><pre>LOGGER : Logger = LogManager getLogger(PedagogicAssistantController.class.getName()) @dataAccess : DataAccess = DataAccess.getInstance() commandHandler : CommandHandler = CommandHandler.getInstance() commandCreator : CommandCreator = CommandCreator.getInstance() pedagogicAssistant : PedagogicAssistant pedagogicAssistantMemento : Memento activityTypes : DualListModel<ActivityType> hideDeleteDialog : boolean hide : boolean init() : void onTransfer(event : TransferEvent) : void +checkHourPerWeek(event : ValueChangeEvent) : void +refresh() : void +getPedagogicAssistant() : List<PedagogicAssistant> +addPedagogicAssistantDialog() : void +generatePedagogicAssistantMemento() : void +addPedagogicAssistant() : void +deletePedagogicAssistant() : void +addPedagogicAssistant() : void</pre></div>	<div><div>LessonTypeController</div><pre>LOGGER : Logger = LogManager getLogger(LessonTypeController.class.getName()) LessonType : LessonType @dataAccess : DataAccess = DataAccess.getInstance() commandHandler : CommandHandler = CommandHandler.getInstance() commandCreator : CommandCreator = CommandCreator.getInstance() lessonTypeMemento : Memento lesson : Lesson color : ColorEnum = ColorEnum.DEFAULT colors : List<ColorEnum> = Arrays.asList(ColorEnum.values()) hideDeleteDialog : boolean hide : boolean init() : void +getLessonTypes() : List<LessonType> +addLessonType() : List<LessonType> +deleteLessonType() : void +beforeAdd() : void +addLessonType() : void +addLessonType() : void +refresh() : void +getTypicalDuration() : int</pre></div>	<div><div>MeetingTypeController</div><pre>LOGGER : Logger = LogManager getLogger(MeetingTypeController.class.getName()) MeetingType : MeetingType @dataAccess : DataAccess = DataAccess.getInstance() commandHandler : CommandHandler = CommandCreator.getInstance() commandCreator : CommandCreator = CommandCreator.getInstance() meetingTypeMemento : Memento rooms : List<Room> hideDeleteDialog : boolean hide : boolean init() : void +getMeetingTypes() : List<MeetingType> +getAllRooms() : List<Room> +deleteMeetingType() : void +beforeAdd() : void +addMeetingType() : void +addMeetingType() : void +refresh() : void +getTypicalDuration() : int</pre></div>	<div><div>ClassroomController</div><pre>LOGGER : Logger = LogManager getLogger(ClassroomController.class.getName()) @dataAccess : DataAccess = DataAccess.getInstance() selectedClass : Classroom classroomMemento : Memento selectedEmployees : List<Employee> = new ArrayList<Employee>() selectedSchoolclasses : List<Schoolclass> = new ArrayList<Schoolclass>() hideDeleteDialog : boolean hide : boolean init() : void +addClassroom() : void +addClassroom() : void +deleteClassroom() : void +beforeAdd() : void +validate() : boolean +getClassrooms() : List<Classroom> +getTeacher() : List<Teacher> +getPedagogicAssistants : List<PedagogicAssistant> +getValidSchoolclasses() : List<Schoolclass> +getDisabledTeacherSelection() : Selection +getDisabledPedagogicAssistantSelection() : Selection</pre></div>
<div><div>RoomController</div><pre>room : Room location : Location roomMemento : Memento locationMemento : Memento commandHandler : CommandHandler = CommandHandler.getInstance() commandCreator : CommandCreator = CommandCreator.getInstance() @dataAccess : DataAccess = DataAccess.getInstance() hideDeleteDialog : boolean hide : boolean init() : void +getRooms() : List<Room> +generateRoomMemento() : void +addRoom() : void +addRoom() : void +deleteRoom() : void +beforeAdd() : void</pre></div>	<div><div>BackupController</div><pre>backup : File hasName : boolean = true backupName : String +getBackups() : List<File> +addBackup() : void +deleteBackup() : void +openBackupLocation() : void +getValidPaths() : boolean</pre></div>		

GUIController
<pre>commandHandler : CommandHandler = CommandHandler.getInstance() LOGGER : Logger = LogManager getLogger(GUIController.class.getName()) @DataAccess : DataAccess = DataAccess.getInstance() scheduleModelHolder : ScheduleModelHolder = ScheduleModelHolder.getInstance() init() : void +redo() : void +getAmountOfTeachers() : String +getAmountOfPedagogicAssistants() : String +getAmountOfEmployees() : String +getAmountOfRooms() : String +refreshEntity : Entity : void</pre>

planning		
PlanningController	CompoundLessonController	LessonController
<pre>LOGGER : Logger = LogManager getLogger(PlanningController.class) CALENDAR_YEAR : int = 1900 CALENDAR_MONTH : int = Calendar.JANUARY CALENDAR_DAY : int = 1 @DataAccess : DataAccess = DataAccess.getInstance() commandCreator : CommandCreator = CommandCreator.getInstance() scheduleModelHolder : ScheduleModelHolder = ScheduleModelHolder .getInstance() activityValidator : ActivityValidator = ActivityValidator .getInstance() activityTOHolder : ActivityTOHolder = ActivityTOHolder.getInstance() entityHelper : EntityHelper = EntityHelper.getInstance() +getProperty : compoundLesson : CompoundLesson +getProperty : location : Location activity : Activity weekdays : List<Weekday> = Arrays.asList(Weekday.values()) scheduleModelHolder : ScheduleModelHolder = ScheduleModelHolder .getInstance() activityTOHolder : ActivityTOHolder = ActivityTOHolder.getInstance() weekdays : List<Weekday> init() : void +getScheduleModel() : int +getMinTime() : String +getMaxTime() : String +getMinHour() : int +getMaxHour() : int +getMaxTime() : Date +getMaxWeekend() : Boolean +onEventSelected(selectEvent : SelectEvent) : void +deleteActivity() : void +onEventMove(event : ScheduleEntryMoveEvent) : void +onEventSelected(selectEvent : SelectEvent) : void +onEventResize(event : ScheduleEntryResizeEvent) : void +changeDailyData(date : Date, dayDelta : int, minuteDelta : int) : Date +getTeacherForLessonTerm() : List<Teacher> +getPedagogicAssistantsForSearchTerm() : List<PedagogicAssistant> +getSchoolclassesForAcademicYear() : List<Schoolclass> +getRoomForLocation() : List<Room> +beforeAdd() : void +getAcademicYear() : List<AcademicYear> +getExistTeachers() : Boolean +getExistSchoolclasses() : Boolean +getExistPedagogicAssistants() : Boolean +getExistRooms() : Boolean +getMaxActivityType() : List<ActivityType> +getTeacherActivityModel() : void +getPedagogicAssistantActivityModel() : void +getSchoolclassActivityModel() : void +getRoomActivityModel() : void +getActivityDescriptionName() : String +getActivityDescriptionName(activity : Activity) : String +getActivityDescriptionEndTime() : String +getActivityDescriptionEndTime(activity : Activity) : String +getActivityDescriptionTime(date : Date, activity : Activity) : String +getCompoundLessonDescriptionNames() : List<String> +getCompoundLessonDescriptionName(activity : Activity) : List<String> +getCompoundLessonDescriptionName(activity : Activity) : List<String> +getActivityType() : ActivityType +getActivityType(activity : Activity) : List<String> +getTeacher : Teacher +getSchoolclass : Schoolclass +getSchoolclass(schoolclasses : Schoolclass) : void +getAcademicYear() : AcademicYear +getAcademicYear(academicYear : AcademicYear) : void +getScheduleModel() : ScheduleModel +getScheduleModel(scheduleModel : ScheduleModel) : void +getPedagogicAssistant() : PedagogicAssistant +getPedagogicAssistant(pedagogicAssistant : PedagogicAssistant) : void +getLocation() : Location +getRoom() : Room +getRoom(room : Room) : void</pre>	<pre>@DataAccess : DataAccess = DataAccess.getInstance() commandCreator : CommandCreator = CommandCreator.getInstance() LOGGER : Logger = LogManager getLogger(CompoundLessonController.class) activityValidator : ActivityValidator = ActivityValidator .getInstance() scheduleModelHolder : ScheduleModelHolder = ScheduleModelHolder .getInstance() activityTOHolder : ActivityTOHolder = ActivityTOHolder.getInstance() entityHelper : EntityHelper = EntityHelper.getInstance() +getProperty : compoundLesson : CompoundLesson +getProperty : location : Location init() : void +addPause(event : ComponentSystemEvent) : void +addCompoundLesson() : void +setCompoundLessonEmployees(employees : List<Employee>) : void +getSchoolclasses() : List<Schoolclass> +getCompoundLessonEmployees() : List<Employee> +getRoomForLocation() : List<Room> LOGGER : Logger = LogManager getLogger(PauseController.class) @DataAccess : DataAccess = DataAccess.getInstance() commandCreator : CommandCreator = CommandCreator.getInstance() activityValidator : ActivityValidator = ActivityValidator .getInstance() scheduleModelHolder : ScheduleModelHolder = ScheduleModelHolder .getInstance() activityTOHolder : ActivityTOHolder = ActivityTOHolder.getInstance() entityHelper : EntityHelper = EntityHelper.getInstance() pause : Pause init() : void +addPause() : void +getSchoolclasses() : List<Schoolclass></pre>	<pre>LOGGER : Logger = LogManager getLogger(LessonController.class) commandCreator : CommandCreator = CommandCreator.getInstance() @DataAccess : DataAccess = DataAccess.getInstance() activityValidator : ActivityValidator = ActivityValidator .getInstance() scheduleModelHolder : ScheduleModelHolder = ScheduleModelHolder .getInstance() entityHelper : EntityHelper = EntityHelper.getInstance() lesson : Lesson academicYear : AcademicYear location : Location init() : void +addLesson(event : ComponentSystemEvent) : void +getLessonType() : List<LessonType> +addLesson() : void +getLessonEmployee() : Employee +setLessonEmployee(employees : Employee) : void +getLessonSchoolclass() : Schoolclass +setLessonSchoolclass(schoolclasses : Schoolclass) : void +getLessonRoom() : Room +getSchoolclassesForAcademicYear() : List<Schoolclass> +getRoomForLocation() : List<Room> +getLessonLessonType() : LessonType</pre>
PauseController	MeetingController	
<pre>LOGGER : Logger = LogManager getLogger(PauseController.class) @DataAccess : DataAccess = DataAccess.getInstance() commandCreator : CommandCreator = CommandCreator.getInstance() activityValidator : ActivityValidator = ActivityValidator .getInstance() scheduleModelHolder : ScheduleModelHolder = ScheduleModelHolder .getInstance() activityTOHolder : ActivityTOHolder = ActivityTOHolder.getInstance() entityHelper : EntityHelper = EntityHelper.getInstance() pause : Pause init() : void +addPause() : void +getSchoolclasses() : List<Schoolclass></pre>	<pre>LOGGER : Logger = LogManager getLogger(MeetingController.class) @DataAccess : DataAccess = DataAccess.getInstance() commandCreator : CommandCreator = CommandCreator.getInstance() activityValidator : ActivityValidator = ActivityValidator .getInstance() scheduleModelHolder : ScheduleModelHolder = ScheduleModelHolder .getInstance() activityTOHolder : ActivityTOHolder = ActivityTOHolder.getInstance() entityHelper : EntityHelper = EntityHelper.getInstance() meeting : Meeting location : Location init() : void +addMeeting(event : ComponentSystemEvent) : void +addMeeting() : void +addMeeting(room : Room) : void +getMeetingRoom() : Room +getRoomForLocation() : List<Room> +addMeetingEmployees(employees : List<Employee>) : void +getMeetingEmployees() : List<Employee> +getMeetingType() : List<MeetingType> +addMeetingMeetingType(meetingType : MeetingType) : void +getMeetingMeetingType() : MeetingType</pre>	