



Need Action, ActionResult, and ActionHandlers for all commands

CreateAssignment
- assignment : AssignmentDTO
+ getAssignment():AssignmentDTO

CreateAssignmentResult
- assignment : AssignmentDTO
+ getAssignment():AssignmentDTO

CreateAssignmentHandler
- assignmentDAO : AssignmentDAO
+ execute(action:CreateAssignment, context) : CreateAssignmentResult

CreateCourse
- course : CourseDTO
+ getCourse() : CourseDTO

CreateCourseResult
- course : CourseDTO
+ getCourse() : CourseDTO

CreateCourseHandler
- courseDAO : CourseDAO
+ execute(action:CreateCourse, context) : CreateCourseResult

CreateSemester
- semester : SemesterDTO
+ getSemester() : SemesterDTO

CreateSemesterResult
- semester : SemesterDTO
+ getSemester() : SemesterDTO

CreateSemesterHandler
- semesterDAO : SemesterDAO
+ execute(action:CreateSemester, context) : CreateSemesterResult

DeleteAssignment
- assignment : AssignmentDTO - permanent : boolean
+ getAssignment():AssignmentDTO + isPermanent() : boolean

DeleteAssignmentResult
- assignment : AssignmentDTO - permanent : boolean
+ getAssignment():AssignmentDTO + isPermanent() : boolean

DeleteAssignmentHandler
- assignmentDAO : AssignmentDAO
+ execute(action>DeleteAssignment, context) : DeleteAssignmentResult

DeleteCourse
- course : CourseDTO - permanent : boolean
+ getCourse() : CourseDTO + isPermanent() : boolean

DeleteCourseResult
- course : CourseDTO - permanent : boolean
+ getCourse() : CourseDTO + isPermanent() : boolean

DeleteCourseHandler
- courseDAO : CourseDAO
+ execute(action>DeleteCourse, context) : DeleteCourseResult

DeleteSemester
- semester : SemesterDTO - permanent : boolean
+ getSemester() : SemesterDTO + isPermanent() : boolean

DeleteSemesterResult
- semester : SemesterDTO - permanent : boolean
+ getSemester() : SemesterDTO + isPermanent() : boolean

DeleteSemesterHandler
- semesterDAO : SemesterDAO
+ execute(action>DeleteSemester, context) : DeleteSemesterResult

EditAssignment
- assignment : AssignmentDTO
+ getAssignment():AssignmentDTO

EditAssignmentResult
- assignment : AssignmentDTO - original : AssignmentDTO
+ getAssignment():AssignmentDTO + getOriginal() : AssignmentDTO

EditAssignmentHandler
- assignmentDAO : AssignmentDAO
+ execute(action>EditAssignment, context) : EditAssignmentResult

EditCourse
- course : CourseDTO
+ getCourse() : CourseDTO

EditCourseResult
- course : CourseDTO - original : AssignmentDTO
+ getCourse() : CourseDTO + getOriginal() : CourseDTO

EditCourseHandler
- courseDAO : CourseDAO
+ execute(action>EditCourse, context) : EditCourseResult

EditSemester
- semester : SemesterDTO
+ getSemester() : SemesterDTO

EditSemesterResult
- semester : SemesterDTO - original : AssignmentDTO
+ getSemester() : SemesterDTO + getOriginal() : SemesterDTO

EditSemesterHandler
- semesterDAO : SemesterDAO
+ execute(action>EditSemester, context) : EditSemesterResult

GetSemestersByUser
- user : UserDTO
+ getUser() : UserDTO

GetSemestersResult
- semesters : List<SemesterDTO>
+ getSemesters() : List<SemesterDTO>

GetSemesterHandler
- semesterDAO : SemesterDAO
+ execute(action:GetSemestersByUser, context) : GetSemestersResult

GetCoursesByUser
- user : UserDTO
+ getUser() : UserDTO

GetCoursesResult
- courses : List<CoursesDTO>
+ getCourses() : List<CoursesDTO>

GetCoursesByUserHandler
- courseDAO : CourseDAO
+ execute(action:GetCoursesByUser, context) : GetCoursesResult

GetCoursesBySemester
- semester : SemesterDTO
+ getSemester() : SemesterDTO

GetCoursesBySemesterHandler
- courseDAO : CourseDAO
+ execute(action:GetCoursesBySemester, context) : GetCoursesResult

GetAssignmentsByUser
- user : UserDTO
+ getUser() : UserDTO

GetAssignmentsResult
- assignments : List<AssignmentDTO>
+ getAssignments() : List<AssignmentDTO>

GetAssignmentsByUserHandler
- assignmentDAO : AssignmentDAO
+ execute(action:GetAssignmentsByUser, context) : GetAssignmentsResult

GetAssignmentsBySemester
- semester : SemesterDTO
+ getSemester() : SemesterDTO

GetAssignmentsBySemesterHandler
- assignmentDAO : AssignmentDAO
+ execute(action:GetAssignmentsBySemester, context) : GetAssignmentsResult

GetAssignmentsByCourse
- course : CourseDTO
+ getCourse() : CourseDTO

GetAssignmentsByCourseHandler
- assignmentDAO : AssignmentDAO
+ execute(action:GetAssignmentsByCourse, context) : GetAssignmentsResult

UndeleteAssignment
- assignment : AssignmentDTO
+ getAssignment():AssignmentDTO

UndeleteAssignmentResult
- assignment : AssignmentDTO
+ getAssignment():AssignmentDTO

UndeleteAssignmentHandler
- assignmentDAO : AssignmentDAO
+ execute(action:UndeleteAssignment, context) : UndeleteAssignmentResult

UndeleteCourse
- course : CourseDTO
+ getCourse() : CourseDTO

UndeleteCourseResult
- course : CourseDTO
+ getCourse() : CourseDTO

UndeleteCourseHandler
- courseDAO : CourseDAO
+ execute(action:UndeleteCourse, context) : UndeleteCourseResult

UndeleteSemester
- semester : SemesterDTO
+ getSemester() : SemesterDTO

UndeleteSemesterResult
- semester : SemesterDTO
+ getSemester() : SemesterDTO

UndeleteSemesterHandler
- semesterDAO : SemesterDAO
+ execute(action:UndeleteSemester, context) : UndeleteSemesterResult

