Appendix A

Mock-ups

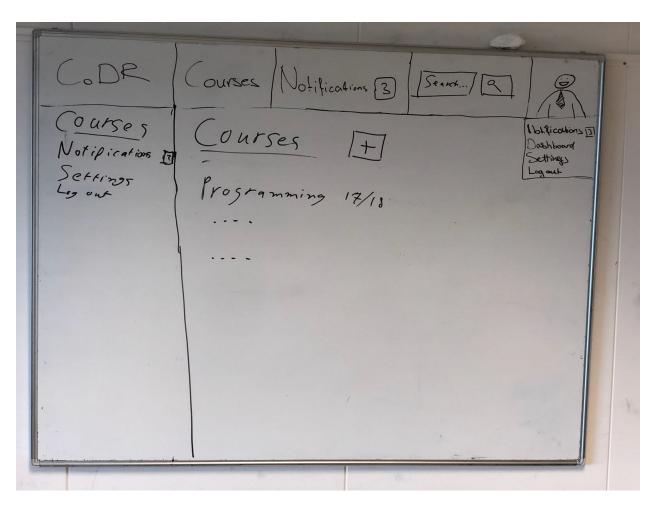


Figure A.1: The overview of the courses page with different exercises

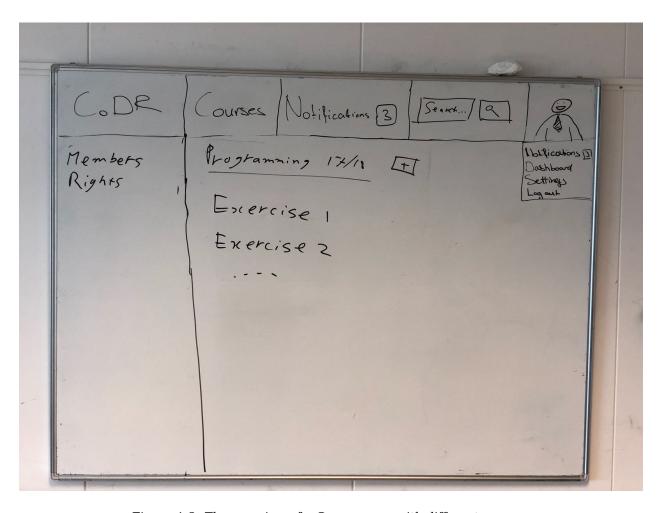


Figure A.2: The overview of a Course page with different courses

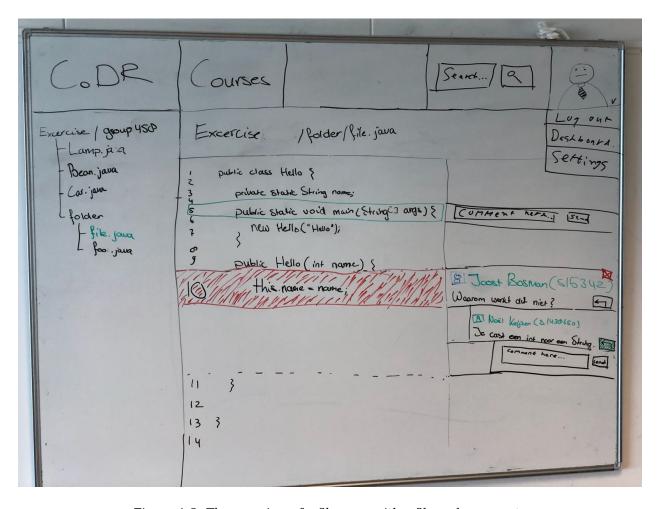


Figure A.3: The overview of a file page with a file and comments

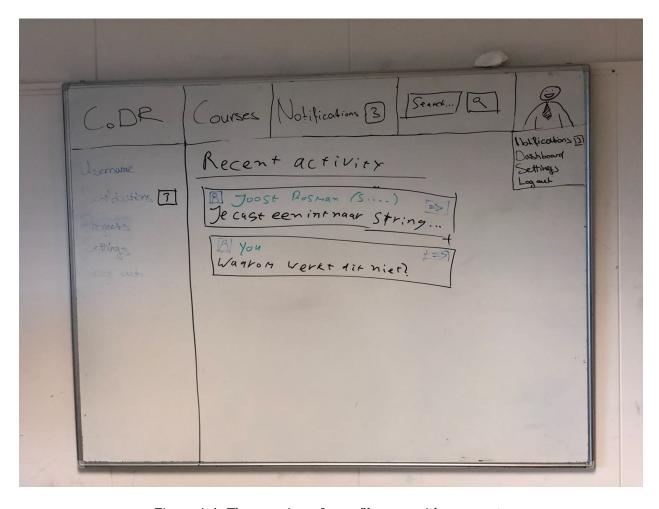


Figure A.4: The overview of a profile page with comments

Appendix B

Class diagram database

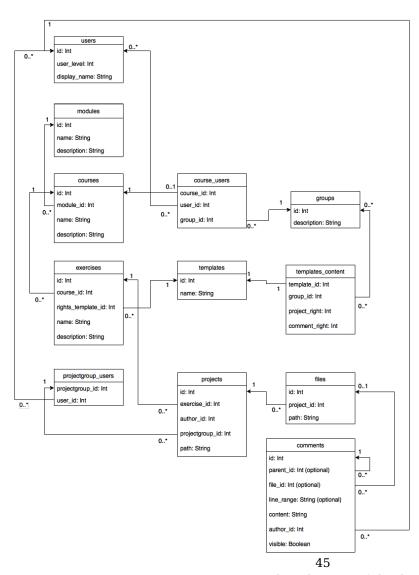


Figure B.1: Class diagram of the database

Appendix C

API specification

Overview

Version information

Version: 0.0.1

URI scheme

Host: localhost:10010

BasePath:/api

Schemes: HTTP, HTTPS

Consumes

application/json

• multipart/form-data

Produces

application/json

Definitions

CommentResponseHead

Name	Schema
author_id optional	integer (int64)
author_name optional	string
can_delete optional	boolean
can_edit optional	boolean
can_toggle_visibility optional	boolean
children optional	< CommentResponseTail > array
content optional	string
course_id optional	integer (int64)
deleted optional	boolean
exercise_id optional	integer (int64)
file_id optional	integer (int64)
id optional	integer (int64)
line_range optional	string
module_id optional	integer (int64)
<pre>parent_id optional</pre>	integer (int64)
<pre>project_id optional</pre>	integer (int64)
timestamp optional	integer (int64)
visible optional	boolean

Comment Response List

Type: < CommentResponseHead > array

CommentResponseTail

Name	Schema
author_id optional	integer (int64)
author_name optional	string
can_delete optional	boolean
can_edit optional	boolean
can_toggle_visibility optional	boolean
children optional	< object > array
content optional	string
course_id optional	integer (int64)
deleted optional	boolean
exercise_id optional	integer (int64)
file_id optional	integer (int64)
id optional	integer (int64)
line_range optional	string
module_id optional	integer (int64)
<pre>parent_id optional</pre>	integer (int64)
<pre>project_id optional</pre>	integer (int64)
timestamp optional	integer (int64)
visible optional	boolean

CourseResponse

Name	Schema
description optional	string
id optional	integer (int64)
name optional	string

CourseResponseGet

Name	Schema
can_edit required	boolean
description required	string
exercises optional	< Exercise > array
id optional	integer (int64)
name required	string

CourseUpdate

Name	Schema
description optional	string
name optional	string

CurrentUser

Name	Schema
display_name optional	string
id optional	integer (int64)
user_level optional	integer (int64)

ErrorResponse

Name	Schema
message optional	string

Exercise

Name	Schema
description required	string
id optional	integer (int64)
name required	string
projects optional	< Project > array
rights_template_id required	integer (int64)

File

Name	Schema
comments required	< CommentResponseHead > array
content required	< Line > array
id required	integer (int64)
path required	string

Group

Name	Schema
Users optional	< User > array
id optional	integer (int64)
module_id optional	integer (int64)

GroupList

Type: < Group > array

Line

Type: string

Module

Name	Schema
can_edit optional	boolean
can_view optional	boolean
description optional	string
id optional	integer (int64)
name optional	string

ModuleCourse

Name	Schema
description required	string
id optional	integer (int64)
name required	string

ModuleList

Name	Schema
can_edit optional	boolean
modules optional	< Module > array

ModuleResponse

Name	Schema
can_edit optional	boolean
courses optional	< ModuleCourse > array
description optional	string
groups optional	< Group > array
id optional	integer (int64)
name optional	string

${\bf Module Update}$

Name	Schema
description optional	string
name optional	string
users optional	< users > array

users

Name	Schema
group_id optional	integer (int64)
user_id optional	integer (int64)

Project

Name	Schema
files optional	< File > array
id optional	integer (int64)
<pre>projectgroup_id required</pre>	integer (int64)

RightGroup

Name	Schema
description required	string
id required	integer (int64)

Rights

Name	Schema
comment_rights optional	comment_rights
description optional	string
id optional	integer (int64)
project_rights optional	project_rights

$comment_rights$

Name	Schema
member optional	member
other optional	other
owner optional	owner

member

Name	Schema
can_delete required	boolean
can_edit required	boolean
can_toggle_visibility required	boolean
can_view required	boolean

other

Name	Schema
can_delete required	boolean
can_edit required	boolean
can_toggle_visibility required	boolean
can_view required	boolean

owner

Name	Schema
can_delete required	boolean
can_edit required	boolean
can_toggle_visibility required	boolean
can_view required	boolean

project_rights

Name	Schema
member optional	member
other optional	other

member

Name	Schema
can_create_comment required	boolean
can_create_visible_comment required	boolean
can_delete required	boolean
can_edit required	boolean
can_view required	boolean

other

Name	Schema
can_create_comment required	boolean
can_create_visible_comment required	boolean
can_delete required	boolean
can_edit required	boolean
can_view required	boolean

Template

Name	Schema
id optional	integer (int64)
name optional	string
rights optional	< Rights > array

TemplateList

Type: < Template > array

User

Name	Schema
display_name optional	string
id optional	integer (int64)

UserCommentResponse

Name	Schema
author_id optional	integer (int64)
can_delete optional	boolean
can_edit optional	boolean

Name	Schema
can_toggle_visibility optional	boolean
content optional	string
course_id optional	integer (int64)
deleted optional	boolean
exercise_id optional	integer (int64)
file_id optional	integer (int64)
id optional	integer (int64)
line_range optional	string
module_id optional	integer (int64)
<pre>parent_id optional</pre>	integer (int64)
<pre>project_id optional</pre>	integer (int64)
timestamp optional	integer (int64)
visible optional	boolean

User Comment Response List

Type: < UserCommentResponse > array

UserList

Type : < User > array

Paths

POST /groups

Description

Creates a new group.

Parameters

Type	Name	Description	Schema
Body	body optional	ID of the module for which the group should be created.	body

body

Name	Schema
module_id optional	integer (int64)

Responses

HTTP Code	Description	Schema
201	Success, new group has been created.	Response 201
401	Error, user is not allowed to access this page.	No Content
405	Incorrect input	No Content
500	Internal server error	No Content

Response 201

Name	Schema
id optional	integer (int64)

GET/**groups**

Description

Returns a list of all groups.

HTTP Code	Description	Schema
200	Success	GroupList
401	Error, user is not allowed to access this page.	No Content
500	Internal server error	No Content

GET /groups/{group_id}

Description

Returns the details of the specified group.

Parameters

Type	Name	Description	Schema
Path	group_id required	ID of the group to fetch.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success	Group
401	Error, user is not allowed to access this page.	No Content
404	Error, group could not be found.	No Content
500	Internal server error	No Content

PUT /groups/{group_id}

Description

Updates the specified group.

Parameters

Type	Name	Description	Schema
Path	group_id required	ID of the group to update.	integer (int64)
Body	body required	Data for the group to update.	< body > array

body

Name	Schema
id optional	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success	Group
400	Error, invalid input.	No Content
401	Error, user is not allowed to access this page.	No Content
404	Error, group could not be found.	No Content
500	Internal server error	No Content

DELETE /groups/{group_id}

Description

Deletes the specified group.

Parameters

Type	Name	Description	Schema
Path	group_id required	ID of the group to delete.	integer (int64)

Responses

HTTP Code	Description	Schema
204	Success.	No Content
401	Error, user is not allowed to access this page.	No Content
404	Error, group could not be found.	No Content
500	Internal server error	No Content

POST /modules

Description

Creates a new module.

Parameters

Type	Name	Description	Schema
Body	body required	JSON representation of the module to create.	body

body

Name	Schema
description optional	string
name optional	string

Responses

HTTP Code	Description	Schema
201	Success, new module has been created.	Response 201
401	Error, user is not allowed to access this page.	No Content
405	Error, invalid input.	No Content
500	Internal server error	No Content

Response 201

Name	Schema
description optional	string
id optional	integer (int64)
name optional	string

GET /modules

Description

Returns a list of all modules.

HTTP Code	Description	Schema
200	Success	ModuleList

HTTP Code	Description	Schema
500	Internal server error	No Content

GET /modules/{module_id}

Description

Returns the details of the specified module.

Parameters

Type	Name	Description	Schema
Path	module_id required	ID of the module to fetch.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success	ModuleResponse
404	Error, module could not be found.	No Content

PUT /modules/{module_id}

Description

Updates the specified module.

Parameters

Type	Name	Description	Schema
Path	module_id required	ID of the module to update.	integer (int64)
Body	body optional	Data for the module to update.	ModuleUpdate

HTTP Code	Description	Schema
200	Success	ModuleResponse
401	Error, user is not allowed to access this page.	No Content
404	Error, module could not be found.	No Content

HTTP Code	Description	Schema
405	Incorrect input	No Content
500	Internal server error	No Content

DELETE /modules/{module_id}

Description

Deletes the specified module.

Parameters

Type	Name	Description	Schema
Path	module_id required	ID of the module to delete.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success.	No Content
401	Not allowed.	No Content
404	Error, module could not be found.	No Content
500	Internal server error	No Content

POST /modules/{module_id}/courses

Description

Creates a new course for the given module.

Parameters

Type	Name	Description	Schema
Path	module_id required	ID of the module from which to fetch courses.	integer (int64)
Body	body required	JSON representation of the course to create.	CourseUpdate

HTTP Code	Description	Schema
201	Success, new course has been created.	CourseResponse
401	Error, user is not allowed to access this page.	No Content
405	Error, invalid input	No Content
500	Internal server error	No Content

GET /modules/{module_id}/courses

Description

Returns the courses of the specified module.

Parameters

Туре	Name	Description	Schema
Path	module_id required	ID of the module from which to fetch courses.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success	< Response 200 > array
401	Error, user is not allowed to access this page.	No Content
404	Error, module could not be found.	No Content
500	Internal server error	No Content

Name	Schema
can_edit optional	boolean
description required	string
id optional	integer (int64)
module_id optional	integer (int64)
name required	string

GET /modules/{module_id}/courses/{course_id}

Description

Returns the specified course for the specified module.

Parameters

Type	Name	Description	Schema
Path	course_id required	ID of the course to fetch.	integer (int64)
Path	module_id required	ID of the module to fetch.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success	CourseResponseGe t
401	Error, user is not allowed to access this page.	No Content
404	Error, module or course could not be found.	ErrorResponse
500	Internal server error	No Content

PUT /modules/{module_id}/courses/{course_id}

Description

Updates the specified course for the specified module.

Parameters

Туре	Name	Description	Schema
Path	course_id required	ID of the course to fetch.	integer (int64)
Path	module_id required	ID of the module from which to update a course.	integer (int64)
Body	body required	Data for the course to update.	CourseUpdate

HTTP Code	Description	Schema
200	Success	CourseResponse
401	Error, user is not allowed to access this page.	No Content
404	Error, module or course could not be found.	No Content
405	Incorrect input	No Content
500	Internal server error	No Content

DELETE /modules/{module_id}/courses/{course_id}

Description

Deletes the specified course from the specified module.

Parameters

Type	Name	Description	Schema
Path	course_id required	ID of the course to delete.	integer (int64)
Path	module_id required	ID of the module from which to delete a course.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success.	No Content
401	Error, user is not allowed to access this page.	No Content
404	Error, module or course could not be found.	No Content
500	Internal server error	No Content

POST

/modules/{module_id}/courses/{course_id}/exercises

Description

Adds a new exercise to the specified course.

Parameters

Type	Name	Description	Schema
Path	course_id required	ID of the course from which to fetch exercises.	integer (int64)
Path	module_id required	ID of the module from which to fetch courses.	integer (int64)
Body	body required	JSON representation of the Exercise to create.	body

body

Name	Schema
description required	string
name required	string
rights_template_id required	integer (int64)

Responses

HTTP Code	Description	Schema
201	Success, new course has been created.	Response 201
401	Error, user is not allowed to access this page.	No Content
404	Error, module or course could not be found.	No Content
405	Error, invalid input.	No Content
500	Internal server error	No Content

Name	Schema
course_id required	integer (int64)
description required	string
id required	integer (int64)
name required	string
rights_template_id required	integer (int64)

GET

/modules/{module_id}/courses/{course_id}/exercises

Description

Returns a list of exercises for the specified course for the specified module.

Parameters

Туре	Name	Description	Schema
Path	course_id required	ID of the course from which to fetch exercises.	integer (int64)
Path	module_id required	ID of the module from which to fetch courses.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success	< Response 200 > array
401	Error, user is not allowed to access this page.	No Content
404	Error, module or course could not be found.	No Content
500	Internal server error	No Content

Name	Schema
course_id optional	integer (int64)
description required	string
id optional	integer (int64)
name required	string
rights_template_id required	integer (int64)

GET

/modules/{module_id}/courses/{course_id}/exercises/{e xercise_id}

Description

Returns the specified exercise.

Parameters

Type	Name	Description	Schema
Path	course_id required	ID of the course to fetch.	integer (int64)
Path	exercise_id required	ID of the exercise to fetch.	integer (int64)
Path	module_id required	ID of the module to fetch.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success	Response 200
401	Error, user is not allowed to access this page.	No Content
404	Error, module or course or exercise could not be found.	No Content
405	Incorrect input	No Content
500	Internal server error	No Content

Nome	Cahama
Name	Schema
can_edit optional	boolean
description required	string
id optional	integer (int64)
name required	string
projects optional	projects
rights_template_id required	integer (int64)

projects

Name	Schema
author_id optional	integer (int64)
can_delete optional	boolean
exercise_id optional	integer (int64)
id optional	integer (int64)
projectgroup optional	projectgroup
projectgroup_id optional	integer (int64)

projectgroup

Name	Schema
id optional	integer (int64)
module_id optional	integer (int64)
users optional	< users > array

users

Name	Schema
display_name optional	string
id optional	integer (int64)

PUT

/modules/{module_id}/courses/{course_id}/exercises/{e xercise_id}

Description

Updates the specified exercise.

Parameters

Туре	Name	Description	Schema
Path	course_id required	ID of the course to fetch.	integer (int64)
Path	exercise_id required	ID of the exercise to fetch.	integer (int64)
Path	module_id required	ID of the module from which to update a course.	integer (int64)
Body	body required	Data for the Exercise to update.	body

body

Name	Schema
description optional	string
name optional	string
rights_template_id optional	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success	Response 200
401	Error, user is not allowed to access this page.	No Content
404	Error, module or course or exercise could not be found	No Content
405	Incorrect input	No Content
500	Internal server error	No Content

Name	Schema
description optional	string
id optional	integer (int64)
name optional	string
rights_template_id optional	integer (int64)

DELETE

/modules/{module_id}/courses/{course_id}/exercises/{e xercise_id}

Description

Deletes the specified exercise.

Parameters

Type	Name	Description	Schema
Path	course_id required	ID of the course to fetch.	integer (int64)
Path	exercise_id required	ID of the exercise to fetch.	integer (int64)
Path	module_id required	ID of the module from which to delete a course.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success.	No Content
401	Error, user is not allowed to access this page.	No Content
404	Error, module or course or exercise could not be found.	No Content
500	Internal server error	No Content

POST

/modules/{module_id}/courses/{course_id}/exercises/{e xercise_id}/projects

Description

Adds a new Project to the specified exercise.

Parameters

Type	Name	Description	Schema
Path	course_id required	ID of the course from which to fetch exercises.	integer (int64)
Path	exercise_id required	ID of the exercise to fetch.	integer (int64)

Type	Name	Description	Schema
Path	module_id required	ID of the module from which to fetch courses.	integer (int64)
Body	body required	JSON representation of the Project to create.	body

body

Name	Schema
<pre>projectgroup_id optional</pre>	integer (int64)

Responses

HTTP Code	Description	Schema
201	Success, new course has been created.	Response 201
401	Error, user is not allowed to access this page.	No Content
404	Error, module or course could not be found.	No Content
405	Error, invalid input.	No Content
500	Internal server error	No Content

Response 201

Name	Schema
author_id optional	integer (int64)
exercise_id optional	integer (int64)
id optional	integer (int64)
<pre>projectgroup_id optional</pre>	integer (int64)

GET

/modules/{module_id}/courses/{course_id}/exercises/{exercise_id}/projects

Description

Returns all projects for an exercise

Parameters

Type	Name	Description	Schema
Path	course_id required	ID of the course to fetch.	integer (int64)
Path	exercise_id required	ID of the exercise to fetch.	integer (int64)
Path	module_id required	ID of the module to fetch.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success	< Response 200 > array
401	Error, user is not allowed to access this page.	No Content
404	Error, module or course or exercise or project could not be found.	No Content
500	Internal server error	No Content

Response 200

Name	Schema
author_id optional	integer (int64)
exercise_id optional	integer (int64)
id optional	integer (int64)
projectgroup_id optional	integer (int64)

GET

/modules/{module_id}/courses/{course_id}/exercises/{e xercise_id}/projects/{project_id}

Description

Returns the specified project.

Parameters

Туре	Name	Description	Schema
Path	course_id required	ID of the course to fetch.	integer (int64)
Path	exercise_id required	ID of the exercise to fetch.	integer (int64)
Path	module_id required	ID of the module to fetch.	integer (int64)
Path	<pre>project_id required</pre>	ID of the project to fetch.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success	Response 200
401	Error, user is not allowed to access this page.	No Content
404	Error, module or course or exercise or project could not be found.	No Content
500	Internal server error	No Content

Response 200

Name	Schema
author_id optional	integer (int64)
can_create_comment optional	boolean
can_create_visible_comment optional	boolean
can_delete optional	boolean
can_edit optional	boolean
can_view optional	boolean
exercise_id optional	integer (int64)
files optional	< files > array
id optional	integer (int64)
<pre>project_groups optional</pre>	< project_groups > array

files

Name	Schema
id optional	integer (int64)
path optional	string

project_groups

Name	Schema
id optional	integer (int64)
users optional	< users > array

users

Name	Schema
display_name optional	string
id optional	integer (int64)

PUT

/modules/{module_id}/courses/{course_id}/exercises/{e xercise_id}/projects/{project_id}

Description

Updates the specified project.

Type	Name	Description	Schema
Path	course_id required	ID of the course to fetch.	integer (int64)
Path	exercise_id required	ID of the exercise to fetch.	integer (int64)
Path	module_id required	ID of the module from which to update a course.	integer (int64)
Path	<pre>project_id required</pre>	ID of the project to fetch.	integer (int64)
Body	body required	Data for the project to update.	body

body

Name	Schema
<pre>projectgroup_id optional</pre>	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success	Response 200
401	Error, user is not allowed to access this page.	No Content
404	Error, module or course or exercise or project could not be found	No Content
500	Internal server error	No Content

Response 200

Name	Schema
author_id optional	integer (int64)
exercise_id optional	integer (int64)
id optional	integer (int64)
projectgroup_id optional	integer (int64)

DELETE

/modules/{module_id}/courses/{course_id}/exercises/{e xercise_id}/projects/{project_id}

Description

Deletes the specified project.

Type	Name	Description	Schema
Path	course_id required	ID of the course to fetch.	integer (int64)
Path	exercise_id required	ID of the exercise to fetch.	integer (int64)

Туре	Name	Description	Schema
Path	module_id required	ID of the module from which to delete a course.	integer (int64)
Path	<pre>project_id required</pre>	ID of the project to fetch.	integer (int64)

HTTP Code	Description	Schema
200	Success.	No Content
401	Error, user is not allowed to access this page.	No Content
404	Error, module or course or exercise or project could not be found.	No Content
500	Internal server error	No Content

POST

/modules/{module_id}/courses/{course_id}/exercises/{e xercise_id}/projects/{project_id}/files

Description

Saves a file to the database.

Parameters

Туре	Name	Description	Schema
Path	course_id required	ID of the course from which to fetch exercises.	integer (int64)
Path	exercise_id required	ID of the exercise to fetch.	integer (int64)
Path	module_id required	ID of the module from which to fetch courses.	integer (int64)
Path	project_id required	ID of the project to fetch.	integer (int64)
FormDat a	files optional	files to post	file

Responses

HTTP Code	Description	Schema
200	Success	No Content

HTTP Code	Description	Schema
401	Not allowed	No Content
405	Invalid input	No Content
500	Internal server error	No Content

Consumes

• multipart/form-data

GET

/modules/{module_id}/courses/{course_id}/exercises/{e xercise_id}/projects/{project_id}/files/{file_id}

Description

Returns the file with the specified id.

Parameters

Туре	Name	Description	Schema
Path	course_id required	ID of the course from which to fetch exercises.	integer (int64)
Path	exercise_id required	ID of the exercise to fetch.	integer (int64)
Path	file_id required	ID of file to fetch	integer (int64)
Path	module_id required	ID of the module from which to fetch courses.	integer (int64)
Path	project_id required	ID of the project to fetch.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success	Response 200
401	Not allowed	No Content
404	Id not found	No Content
500	Internal server error	No Content

Response 200

Name	Schema
content optional	< string > array
id optional	integer (int64)
path optional	string
<pre>project_id optional</pre>	integer (int64)

POST

/modules/{module_id}/courses/{course_id}/exercises/{exercises/fexercise_id}/projects/{project_id}/files/{file_id}/comments

Description

Creates a comment

Parameters

Type	Name	Description	Schema
Path	course_id required	ID of the course from which to fetch exercises.	integer (int64)
Path	exercise_id required	ID of the exercise to fetch.	integer (int64)
Path	file_id required	ID of file to fetch comments for	integer (int64)
Path	module_id required	ID of the module from which to fetch courses.	integer (int64)
Path	project_id required	ID of the project to fetch.	integer (int64)
Body	comment required		comment

comment

Name	Schema
content optional	string
line_range optional	string

Name	Schema
<pre>parent_id optional</pre>	integer (int64)

HTTP Code	Description	Schema
201	Success, new comment has been created.	No Content
401	Error, user is not allowed to access this page.	No Content
404	Not found.	No Content
405	Error, invalid input.	No Content
500	Internal server error	No Content

PUT

/modules/{module_id}/courses/{course_id}/exercises/{e xercise_id}/projects/{project_id}/files/{file_id}/commen ts/{comment_id}

Description

Updates the specified comment.

Parameters

Type	Name	Description	Schema
Path	comment_id required	ID of comment	integer (int64)
Path	course_id required	ID of the course from which to fetch exercises.	integer (int64)
Path	exercise_id required	ID of the exercise to fetch.	integer (int64)
Path	file_id required	ID of file to fetch comments for	integer (int64)
Path	module_id required	ID of the module from which to fetch courses.	integer (int64)
Path	<pre>project_id required</pre>	ID of the project to fetch.	integer (int64)
Body	body optional	body of the request	body

body

Name	Schema
content optional	string
visible optional	boolean

HTTP Code	Description	Schema
200	Success	No Content
401	Not allowed	No Content
404	Id not found	No Content
500	Internal server error	No Content

DELETE

/modules/{module_id}/courses/{course_id}/exercises/{e
xercise_id}/projects/{project_id}/files/{file_id}/commen
ts/{comment_id}

Description

Deletes the specified comment.

Туре	Name	Description	Schema
Path	<pre>comment_id required</pre>	ID of comment	integer (int64)
Path	course_id required	ID of the course from which to fetch exercises.	integer (int64)
Path	exercise_id required	ID of the exercise to fetch.	integer (int64)
Path	file_id required	ID of file to fetch comments for	integer (int64)
Path	module_id required	ID of the module from which to fetch courses.	integer (int64)
Path	<pre>project_id required</pre>	ID of the project to fetch.	integer (int64)

HTTP Code	Description	Schema
204	Item deleted	No Content
401	Not allowed	No Content
404	Id not found	No Content
500	Internal server error	No Content

GET /modules/{module_id}/group

Description

Returns the groups for this module for the current user.

Parameters

Туре	Name	Description	Schema
Path	module_id required	ID of the module from which to fetch groups.	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success	< Response 200 > array
500	Internal server error	No Content

Response 200

Name	Schema
group_id optional	integer (int64)
users optional	< User > array

POST /right_groups

Description

Creates a new right_groups.

Parameters

Туре	Name	Description	Schema
Body	body required	Description of the new right's group.	body

body

Name	Schema
description optional	string

Responses

HTTP Code	Description	Schema
201	Success	RightGroup
401	Not allowed	No Content
405	Incorrect input	No Content
500	Internal server error	No Content

GET /right_groups

Description

Returns a list of all right_groups.

Responses

HTTP Code	Description	Schema
200	Success	RightGroup
500	Internal server error	No Content

PUT /right_groups/{right_group_id}

Description

Updates the specified rights group.

Type	Name	Description	Schema
Path	right_group_id required	ID of rights group	integer (int64)
Body	body required	Description of the new right's group.	body

body

Name	Schema
description optional	string

Responses

HTTP Code	Description	Schema
200	Right group updated	No Content
401	Not allowed	No Content
404	Id not found	No Content
405	Incorrect input	No Content
500	Internal server error	No Content

DELETE /right_groups/{right_group_id}

Description

Deletes the specified rights group.

Parameters

Туре	Name	Description	Schema
Path	right_group_id required	ID of the right group to delete	integer (int64)

Responses

HTTP Code	Description	Schema
204	Item deleted	No Content
401	Not allowed	No Content
404	Id not found	No Content
405	Incorrect input	No Content
500	Internal server error	No Content

POST /templates

Description

Creates a new template.

Parameters

Туре	Name	Description	Schema
Body	body required	Rights for the template	Template

Responses

HTTP Code	Description	Schema
201	Success, new template has been created.	No Content
401	Error, user is not allowed to access this page.	No Content
405	Incorrect input	No Content
500	Internal server error	No Content

GET /templates

Description

Returns a list of all rights templates.

Responses

HTTP Code	Description	Schema
200	Success	TemplateList
500	Internal server error	No Content

PUT /templates/{template_id}

Description

Updates the specified template.

Туре	Name	Description	Schema
Path	template_id required	ID of template	integer (int64)
Body	body optional	body of the request	Rights

HTTP Code	Description	Schema
200	Group rights updated	No Content
201	new group rights created	No Content
401	Not allowed	No Content
405	Incorrect input	No Content
500	Internal server error	No Content

DELETE /templates/{template_id}

Description

Deletes the specified rights template.

Parameters

Туре	Name	Description	Schema
Path	template_id required	ID of the template to delete	integer (int64)

Responses

HTTP Code	Description	Schema
204	Item deleted	No Content
401	Not allowed	No Content
404	Id not found	No Content
405	Incorrect input	No Content
500	Internal server error	No Content

GET /users

Description

Returns a list of all user accounts.

HTTP Code	Description	Schema
200	Success	UserList
401	Not allowed	No Content
500	Internal server error	No Content

GET /users/current

Description

Returns information for the currently logged in user.

Responses

HTTP Code	Description	Schema
200	Success	CurrentUser
401	Not allowed	No Content

GET /users/current/comments

Description

Return all comments that the current user can see.

Responses

HTTP Code	Description	Schema
200	Success	CommentRespons eList
401	Not allowed	No Content

GET /users/{user_id}

Description

Returns the details of the specified user account.

Type	Name	Description	Schema
Path	user_id required	ID of customer to fetch account for	integer (int64)

HTTP Code	Description	Schema
200	Success	CurrentUser
401	Not allowed	No Content
404	User_Id not found	No Content
405	Incorrect input	No Content
500	Internal server error	No Content

PUT /users/{user_id}

Description

Updates the specified user account.

Parameters

Type	Name	Description	Schema
Path	user_id required	ID of customer to fetch account for	integer (int64)
Body	body required	body of the request	User

Responses

HTTP Code	Description	Schema
200	Success	User
401	Not allowed	No Content
404	Id not found	No Content
405	Incorrect input	No Content
500	Internal server error	No Content

DELETE /users/{user_id}

Description

Deletes the specified user account.

Parameters

Type	Name	Description	Schema
Path	user_id required	ID of customer to fetch account for	integer (int64)

Responses

HTTP Code	Description	Schema
204	Item deleted	No Content
401	Not allowed	No Content
404	Id not found	No Content
405	Incorrect input	No Content
500	Internal server error	No Content

GET /users/{user_id}/comments

Description

Returns all comments for the specified user.

Parameters

Туре	Name	Description	Schema
Path	user_id required	ID of customer to fetch account for	integer (int64)

Responses

HTTP Code	Description	Schema
200	Success	UserCommentRes ponseList
405	Incorrect input	No Content
500	Internal server error	No Content