# 标签（label）:

## GET: show

url: /exam/get\_label/id

Normal response codes: 200

Error response codes: 404, 500

example:

request: http://127.0.0.1:9098/exam/get\_label/2

response:

{

"data": {

"describe": "邮件攻击",

"modified\_at": "2018-07-04 10:40:41",

"created\_at": "2018-07-04 10:40:41",

"name": "邮件",

"id": 2

},

"status": 200

}

## GET:list

url:/exam/get\_labels

Normal response codes: 200

Error response codes: 500

example:

request: http://127.0.0.1:9098/exam/get\_labels

response:

{

"data": [

{

"describe": "安全攻击",

"modified\_at": "2018-07-04 10:39:31",

"created\_at": "2018-07-04 10:39:31",

"name": "安全",

"id": 1

},

{

"describe": "邮件攻击",

"modified\_at": "2018-07-04 10:40:41",

"created\_at": "2018-07-04 10:40:41",

"name": "邮件",

"id": 2

}

],

"status": 200

}

## POST:

url:/exam/create\_label

Normal response codes: 201

Error response codes: 404,500

example:

request:

url : http://127.0.0.1:9098/exam/create\_label

body:

{

"name": "邮件",

"describe": "邮件攻击"

}

response:

{

"data": {

"describe": "邮件攻击",

"modified\_at": "2018-07-04 10:40:41",

"created\_at": "2018-07-04 10:40:41",

"name": "邮件",

"id": 2

},

"status": 201

}

## DELETE ：

url: /exam/delete\_label/id

Normal response codes: 204

Error response codes: 404,500

example:

request: http://127.0.0.1:9098/exam/delete\_label/2

response:

## PUT:

url:/auth/update\_user/id

example:

Normal response codes: 200

Error response codes: 404,500

request:

url: http://127.0.0.1:9098/exam/update\_label/1

body:

{

"describe": "email邮件攻击"

}

response:

{

"data": "update success",

"status": 200

}

# 标题（head）:

## GET: show

url: /exam/get\_head/id

Normal response codes: 200

Error response codes: 404, 500

example:

request: http://127.0.0.1:9098/exam/get\_head/2

response:

{

"status": 200,

"data": {

"groups": [

{

"id": 2,

"description": "我们以快乐为目标",

"name": "快乐"

}

],

"head": {

"id": 2,

"all\_score": 300,

"name": "总决赛"

}

}

}

## GET:list

url:/exam/get\_heads

Normal response codes: 200

Error response codes: 500

example:

request: http://127.0.0.1:9098/exam/get\_heads

response:

{

"status": 200,

"data": [

{

"groups": [

{

"id": 2,

"description": "我们以快乐为目标",

"name": "快乐"

}

],

"head": {

"id": 2,

"all\_score": 300,

"name": "总决赛"

}

}

]

}

## POST:

url:/exam/create\_head

Normal response codes: 201

Error response codes: 404,500

example:

request:

url : http://127.0.0.1:9098/exam/create\_head

body:

{

"head": {

"name": "总决赛",

"all\_score": "300"

},

"groups": [2]

}

response:

{

"status": 201,

"data": {

"head": {

"id": 2,

"all\_score": 300,

"name": "总决赛"

},

"groups": [

{

"id": 2,

"name": "快乐",

"description": "我们以快乐为目标"

}

]

}

}

## DELETE ：

url: /exam/delete\_head/id

Normal response codes: 204

Error response codes: 404,500

example:

request: http://127.0.0.1:9098/exam/delete\_head/2

response:

## PUT:

url:/auth/update\_head/id

example:

Normal response codes: 200

Error response codes: 404,500

request:

url: http://127.0.0.1:9098/exam/update\_head/2

body:

{

"name": "test总决赛"

}

response:

{

"data": "update success",

"status": 200

}

# 标题和组（head\_group）:

## PUT:

### add\_group\_to\_head:

url:/auth/add\_group\_to\_head

Normal response codes: 200

Error response codes: 404,500

example:

request:

url : http://127.0.0.1:9098/auth/add\_group\_to\_head

body:

{

"head\_id": 2,

"groups": [2]

}

response:

{

"status": 200,

"data": "update success"

}

### remove\_group\_to\_head:

url:/auth/remove\_group\_to\_head

Normal response codes: 200

Error response codes: 404,500

example:

request:

url : http://127.0.0.1:9098/auth/remove\_group\_to\_head

body:

{

"head\_id": 2,

"groups": [2]

}

response:

{

"status": 200,

"data": "update success"

}

# 考卷（role）:

## GET: show

url: /auth/get\_role/id

Normal response codes: 200

Error response codes: 404, 500

example:

request: http://127.0.0.1:9098/auth/get\_role/1

response:

{

"status": 200,

"data": {

"name": "admin",

"description": "管理员",

"id": 1

}

}

## GET:list

url:/auth/get\_roles

Normal response codes: 200

Error response codes: 500

example:

request: http://127.0.0.1:9098/auth/get\_roles

response:

{

"status": 200,

"data": [

{

"name": "admin",

"description": "管理员",

"id": 1

},

{

"name": "examiner",

"description": "考官",

"id": 2

},

{

"name": "contestant",

"description": "参赛者",

"id": 3

}

]

}

## PUT:

url:/auth/update\_role/id

example:

Normal response codes: 200

Error response codes: 404,500

request:

url: http://127.0.0.1:9098/auth/update\_role/2

body:

{

"description": "评分员"

}

response:

{

"data": "update success",

"status": 200

}

# 用户和权限（user\_role）:

## PUT:

### add\_role\_to\_user:

url:/auth/add\_role\_to\_user

Normal response codes: 200

Error response codes: 404,500

example:

request:

url : http://127.0.0.1:9098/auth/add\_role\_to\_user

body:

{

"user\_id": 3,

"roles": [2]

}

response:

{

"status": 200,

"data": "update success"

}

### remove\_group\_to\_user:

url:/auth/remove\_role\_from\_user

Normal response codes: 200

Error response codes: 404,500

example:

request:

url : http://127.0.0.1:9098/auth/remove\_role\_from\_user

body:

{

"user\_id": 3,

"roles": [2]

}

response:

{

"status": 200,

"data": "update success"

}