

## Server REST API documentation

### assign\_role

**Routes:** /api/assign\_role

**HTTP method:** POST

**Request JSON:**     {'name' : 'name\_of\_the\_user',  
                      'role' : 'role\_you\_want\_the\_user\_to\_assign'}

**Response JSON:** {'return' : 'ok'}

### close\_survey

**Routes:** /api/r/<room\_name>/s/<int:survey\_id>/close

**HTTP method:** POST

**Request POST data:** None

**Response JSON:** {"result": "ok"}

### create\_account

**Routes:** /api/create\_account

**HTTP method:** POST

**Request JSON:**  
                  {'name' : 'name\_of\_the\_user\_you\_want\_to\_create',  
                  'password' : 'password\_for\_this\_user'}

**Response JSON:** {'return' : 'ok'}

### create\_question

**Routes:** /api/r/<room\_name>/create\_question

**HTTP method:** POST

**Request JSON:** {"text": "How do this works?"}

**Response JSON:** {"result": "ok"}

### create\_role

**Routes:** /api/create\_role

**HTTP method:** POST

**Request JSON:** {'role' : 'role\_you\_want\_to\_create' }  
                  The permissions are set to DEFAULT\_PARTICIPANT on role creation

**Response JSON:** {'return' : 'ok'}

## **create\_room**

**Routes:** /api/create\_room

**HTTP method:** POST

**Request JSON:**

```
{'name'      :    'name_of_the_room_you_want_to_create',  
  'passkey' :    'passkey_for_this_room'}
```

**Response:** redirect to view\_room

## **create\_survey**

**Routes:** /api/r/<room\_name>/create\_survey

**HTTP method:** POST

**Request JSON:** {"title": "test 1",

"options": ["Something", "Option 2", "This is an example"]}

**Response JSON:** {"result": "ok"}

## **delete\_account**

**Routes:** /api/delete\_account

**HTTP method:** POST

**Request JSON:** “{'name': 'name\_of\_the\_account\_to\_delete'}“

**Response JSON:** {'return': 'ok'}

## **delete\_question**

**Routes:** /api/r/<room\_name>/q/<int:question\_id>/delete

**HTTP method:** POST

**Request POST data:** None

**Response JSON:** {"result": "ok"}

## **delete\_role**

**Routes:** /api/delete\_role

**HTTP method:** POST

**Request JSON:** {"role": "role\_to\_delete"}

## **delete\_survey**

**Routes:** /api/r/<room\_name>/s/<int:survey\_id>/delete

**HTTP method:** POST

**Request POST data:** None

**Response JSON:** {"result": "ok"}

## edit\_role

**Routes:** /api/role/<role\_name>

**HTTP method:** POST

**Request JSON:** {"perms": ["complete", "updated", "list",  
"of", "permissions"]}

**Response JSON:** {"result": "ok"}

## enter\_room

**Routes:** /api/r/<room\_name>/enter

**HTTP method:** POST

**Request JSON:** {"passkey": "passkey\_for\_this\_room"}

**Response JSON:** {"result": "ok"}

## leave\_room

**Routes:** /api/r/<room\_name>/leave\_room

**HTTP method:** POST

**Request POST data:** None

**Response JSON:** {"result": "ok"}

## list\_permissions

**Routes:** /api/list\_permissions

**HTTP method:** GET

**Response JSON:** {"perms": ["some\_permission", "another\_permission"]}

## list\_roles

**Routes:** /api/list\_roles

**HTTP method:** GET

**Response JSON:** ::

```
    {"roles": [  
      {"name": "role_name", "perms": ["list", "of", "perms"]},  
      {"name": "another_role", "perms": ["perm1", "perm2"]}]}]
```

## list\_rooms

**Routes:** /api/list\_rooms

**HTTP method:** GET

**Response JSON:** {"rooms": ["some\_room", "another\_room"]}

## list\_users

**Routes:** /api/list\_users

**HTTP method:** GET

**Response JSON: ::**

```
{"users": [
  {"name": "some_username", "role": "that_users_role"},
  {"name": "another_name", "role": "some_role"}]}
```

## login

**Routes:** /api/login

**HTTP method:** POST

**Request JSON:**

```
{'uid': 'name_of_the_user_for_login',
 'password': 'password_of_this_user'}
```

**Response JSON:** {'return': 'ok', 'first\_login': false}

## logout

**Routes:** /api/logout

**HTTP method:** POST

**Request POST data:** None

**Response JSON:** {'return': 'ok'}

## view\_room

**Routes:** /api/r/<room\_name>

**HTTP method:** GET

**Response JSON:**

```
{ "name": "some_test_room"
  "questions": [{
    "id": ignore,
    "text": "test question",
    "votes": 23
  }],
  "surveys": [
    { "id": 1,
      "title": "Open survey",
      "options": ["foo", "bar", "third option"],
      "closed": false},
    { "id": 2,
      "title": "Closed survey",
      "options": ["baz", "something"],
      "results": [["baz", 23], ["something", 42]]},
```

```
        "total": 65,  
        "closed": true}],  
    "user_is_lecturer": False}
```

## **view\_tempo**

**Routes:** /api/r/<room\_name>/t

**HTTP method:** GET

**Response JSON:** {"up": 23, "down": 42}

The vote count is by default measured over the last five minutes.

## **vote\_question**

**Routes:** /api/r/<room\_name>/q/<int:question\_id>/vote

**HTTP method:** POST

**Request POST data:** None

**Response JSON:** {"result": "ok"}

## **vote\_survey**

**Routes:** /api/r/<room\_name>/s/<int:survey\_id>/vote

**HTTP method:** POST

**Request JSON:** {"option": 3}

**Response JSON:** {"result": "ok"}

## **vote\_tempo**

**Routes:** /api/r/<room\_name>/t/<action>

**HTTP method:** GET

**Request JSON:** None

**Response JSON:** {"result": "ok"}