

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' }

unvote_question

Routes: /api/r/<room_name>/q/<int:question_id>/unvote

HTTP method: POST

Request POST data: None

Response JSON: { "result": "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"}