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# Jibiki users REST Application Programming Interface

Mathieu Mangeot

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# Le projet Jibiki.fr

## Dictionnaire japonais-français

Consultation



[Consultation avancée](#)

## jibiki users REST Application Programming Interface Summary

- [GET apiusers/users/](#) Get a list of users
- [GET apiusers/users/\[login\]](#) Get a user
- [POST apiusers/users/\[login\]](#) Create a new user
- [PUT apiusers/users/\[login\]](#) Modify an existing user
- [DELETE apiusers/users/\[login\]](#) Delete an existing user
- [GET apiusers/users/\[login\]/groups](#) Get a list of groups that include the user
- [PUT apiusers/users/\[login\]/groups/\[groupname\]](#) Add a user in a group
- [DELETE apiusers/users/\[login\]/groups/\[groupname\]](#) Removing a user from a group
- [GET apiusers/groups/](#) Get a list of groups
- [GET apiusers/groups/\[groupname\]](#) Get the list of users in a group
- [POST apiusers/groups/\[groupname\]](#) Add a list of users in a group
- [DELETE apiusers/groups/\[groupname\]](#) Remove a list of users in a group
- [PUT apiusers/groups/\[groupname\]/users/\[login\]](#) Add a user in a group
- [DELETE apiusers/groups/\[groupname\]/users/\[login\]](#) Remove a user from a group
- [GET apiusers/dictionary/\[dictname\]](#) Get a list of roles with access to the dictionary
- [GET apiusers/dictionary/\[dictname\]/\[role\]](#) Get a list of users with the role that have to the dictionary
- [PUT apiusers/dictionary/\[dictname\]/\[role\]/\[login\]](#) Gives the role with access to the dictionary to a user
- [DELETE apiusers/dictionary/\[dictname\]/\[role\]/\[login\]](#) Removes the role with access to the dictionary to a user

### List of available users

|             |                                      |
|-------------|--------------------------------------|
| URL         | <a href="#">apiusers/users</a>       |
| Method      | GET                                  |
| ContentType | application/xml                      |
|             | application/json                     |
| Returns     | 200 OK & list of users (XML or json) |
|             | 401 Unauthorized (wrong credentials) |

Note: if the user is admin, the user email and groups are displayed

Example of query:

```
curl -H "Accept: application/json" "http://jibiki.fr/apiusers/users/"
```



## Description of a user

|             |  |
|-------------|--|
| URL         | apiusers/users/[login]/  |
| Method      | GET  |
| ContentType | application/xml<br>application/json  |
| Returns     | 200 OK & user (XML or json)<br>401 Unauthorized (wrong credentials)<br>404 Not Found |

Note: if the user is admin, or herself, the user email and groups are displayed  
Example of query:

```
curl -H 'Accept:application/json' \  
"apiusers/users/login"
```

Answer:

```
{"user": {  
  "xmlns": "http://www-clips.imag.fr/geta/services/dml",  
  "name": "Mathieu Mangeot",  
  "login": "mangeot"  
}}
```

## Creating a new user

|             |  |
|-------------|--|
| URL         | apiusers/users/[login]   |
| Method      | POST   |
| ContentType | application/xml<br>application/json  |
| Returns     | 201 Created & user (XML or json)<br>400 Bad Request (XML or json not valid)<br>401 Unauthorized (wrong credentials)<br>409 Conflict (user already existing)<br>422 Unprocessable Entity (XML not semantically correct) |

The data to be sent with the POST command is the description of the user in XML or json.

Note 1: the user has to [identify herself](#).

Example of query:

```
curl -X POST \  
-u mangeot:password \  
-H "Content-Type: application/json;charset=UTF-8" \  
-d '{"user": {  
  "name": "Mathieu Mangeot",  
  "lang": "fra",  
  "login": "mangeot",
```

```
"email": "Mathieu.Mangeot_@_myemailaddress.fr"
}}'\
"apiusers/users/mangeot"
```

## Modifying an existing user

|             |   |
|-------------|---|
| URL         | apiusers/users/[login]                                  |
| Method      | PUT   |
| ContentType | application/xml   |
|             | application/json  |
| Returns     | 200 OK & XML or json (user)                             |
|             | 400 Bad Request (XML or json not valid)                 |
|             | 401 Unauthorized  |
|             | 404 Not Found (user not found)                          |
|             | 422 Unprocessable Entity (XML not semantically correct) |

The data to be sent with the PUT command is the XML or json of the user.

Note: Only the user herself or an admin user in the admin group can modify a user.

Example of query:

```
curl -X PUT \  
-u mangeot:password \  
-H "Content-Type: application/json;charset=UTF-8" \  
-d '{"user": {  
  "name": "Mathieu Mangeot",  
  "lang": "eng",  
  "login": "mangeot",  
  "email": "Mathieu.Mangeot_@_myemailaddress.fr"  
}}'\ \  
"apiusers/users/mangeot"
```

## Deleting an existing user

|         |                                     |
|---------|-------------------------------------|
| URL     | apiusers/users/[login]              |
| Method  | DELETE                              |
| Returns | 204 No Content & XML or json (user) |
|         | 401 Unauthorized                    |
|         | 404 Not Found                       |

Note: Only the user herself or an admin user in the admin group can modify an existing user.

Example of query:

```
curl -X DELETE \  
-u login:password \  
"apiusers/users/login"
```

Answer is not significant

## List of groups that include the user

|             |  |
|-------------|--|
| URL         | apiusers/users/[login]/groups                                    |
| Method      | GET  |
| ContentType | application/xml<br>application/json                              |
| Returns     | 200 OK & user (XML or json)<br>401 Unauthorized<br>404 Not Found |

Note: the user has to be herself or in the admin group.  
Example of query:

```
curl \  
-u login:password \  
-H 'Accept:application/json' \  
"apiusers/users/login/groups"
```

Answer:

```
{"d:group-list": {  
  "d:group": [  
    {"name": "admin"},  
    {  
      "role": "admin",  
      "dictionary": "Cesselin",  
      "name": "admind_Cesselin"  
    },  
    {  
      "role": "admin",  
      "dictionary": "Kanjidic",  
      "name": "admind_Kanjidic"  
    }  
  ],  
  "xmlns:d": "http://www-clips.imag.fr/geta/services/dml"  
}}
```

## Adding an existing user into an existing group

|             |   |
|-------------|---|
| URL         | apiusers/users/[login]/groups/[groupname]   |
| Method      | PUT   |
| ContentType | application/xml<br>application/json   |
| Returns     | 200 OK & XML or json (user)<br>401 Unauthorized<br>404 Not Found (user not found) |

Note: Only the user herself or an admin user in the admin group can modify a user.

Example of query:

```
curl -X PUT \  
-u login:password \  
"apiusers/users/login/groups/readerd_Cesselin"
```

## Removing an existing user from an existing group

|             |  |
|-------------|--|
| URL         | apiusers/users/[login]/groups/[groupname]  |
| Method      | DELETE   |
| ContentType | application/xml<br>application/json  |
| Returns     | 204 No Content & XML or json (user)<br>401 Unauthorized<br>404 Not Found (user or group) |

Note: Only the user herself or an admin user in the admin group can delete a user.

Example of query:

```
curl -X DELETE \  
-u login:password \  
"apiusers/users/login/groups/readerd_Cesselin"
```

## List of available groups

|             |   |
|-------------|---|
| URL         | <a href="#">apiusers/groups</a>                           |
| Method      | GET   |
| ContentType | application/xml<br>application/json                       |
| Returns     | 200 OK & list of groups (XML or json)<br>401 Unauthorized |

Example of query:

```
curl -H 'Accept: application/json' "apiusers/groups"
```

Answer:

```
{"d:group-list": {  
  "d:group": [  
    {"name": "admind_Armement"},  
    {"name": "admind_Cesselin"},  
    {"name": "admind_DiLAF"},  
    {"name": "admind_Kanjidic"},  
    {"name": "admind_Maniette"},  
    {"name": "readerd_Armement"}  
  ]  
}
```

```

    {"name": "readerd_Cesselin"},
    {"name": "readerd_Maniette"},
    {"name": "specialist"},
    {"name": "validator"},
    {"name": "admin"}
  ],
  "xmlns:d": "http://www-clips.imag.fr/geta/services/dml"
}}

```

## List of users members of a groups

|             |                                       |
|-------------|---------------------------------------|
| URL         | apiusers/groups/[groupname]           |
| Method      | GET                                   |
| ContentType | application/xml                       |
|             | application/json                      |
| Returns     | 200 OK & list of groups (XML or json) |

Example of query:

```

curl
-u login:password \
-H 'Accept: application/json' \
"apiusers/groups/admind_Cesselin"

```

```

{"d:group": {
  "xmlns:d": "http://www-
clips.imag.fr/geta/services/dml",
  "members": {"user-ref": "mangeot"},
  "name": "admind_Cesselin",
  "admins": {"user-ref": "mangeot"}
}}

```

## Adding several users in a groups

|             |   |
|-------------|---|
| URL         | apiusers/groups/[groupname]                             |
| Method      | POST  |
| ContentType | application/xml   |
|             | application/json  |
| Returns     | 201 Created & user (XML or json)                        |
|             | 400 Bad Request (XML or json not valid)                 |
|             | 401 Unauthorized  |
|             | 409 Conflict (user already existing)                    |
|             | 422 Unprocessable Entity (XML not semantically correct) |

The data to be sent with the POST command is the description of the user in XML or json.

Note 1: the user has to [identify herself](#).

Example of query:

```
curl -X POST \
-u mangeot:password \
-H "Content-Type: application/json;charset=UTF-8" \
-d '{"user-list": {
"user": [
{
"login": "titi",
},
"login": "toto",
}
]}'\
"apiusers/groups/readerd_Cesselin/"
```

## Removing a list of users from an existing group

|             |                                     |
|-------------|-------------------------------------|
| URL         | apiusers/groups/[groupname]         |
| Method      | DELETE                              |
| ContentType | application/xml                     |
|             | application/json                    |
| Returns     | 204 No Content & XML or json (user) |
|             | 401 Unauthorized                    |
|             | 404 Not Found (user or group)       |

Note: Only the user herself or an admin user in the admin group can delete a user.  
 Example of query:

```
curl -X DELETE \
-u mangeot:password \
-H "Content-Type: application/json;charset=UTF-8" \
-d '{"user-list": {
"user": [
{
"login": "titi",
},
"login": "toto",
}
]}'\
"apiusers/groups/readerd_Cesselin/"
```

## Adding an existing user into an existing group

|             |   |
|-------------|---|
| URL         | apiusers/groups/[groupname]/users/[login] |
| Method      | PUT                                       |
| ContentType | application/xml                           |
|             | application/json                          |
| Returns     | 200 OK & XML or json (user)               |



|                                |
|--------------------------------|
| 401 Unauthorized               |
| 404 Not Found (user not found) |

Note: Only the user herself or an admin user in the admin group can modify a user.  
 Example of query:

```
curl -X PUT \
-u login:password \
"apiusers/groups/readerd_Cesselin/users/toto"
```

## Removing an existing user from an existing group

|             |   |
|-------------|---|
| URL         | apiusers/groups/[groupname]/users/[login] |
| Method      | DELETE                                    |
| ContentType | application/xml                           |
|             | application/json                          |
| Returns     | 204 No Content & XML or json (user)       |
|             | 401 Unauthorized                          |
|             | 404 Not Found (user or group)             |

Note: Only the user herself or an admin user in the admin group can delete a user.  
 Example of query:

```
curl -X DELETE \
-u login:password \
"apiusers/users/login/groups/readerd_Cesselin"
```

## List of roles with access to a dictionary

|             |                                       |
|-------------|---------------------------------------|
| URL         | apiusers/dictionary/[dictname]        |
| Method      | GET                                   |
| ContentType | application/xml                       |
|             | application/json                      |
| Returns     | 200 OK & list of groups (XML or json) |
|             | 401 Unauthorized                      |
|             | 404 Not Found (dictionary)            |

Example of query:

```
curl -H 'Accept: application/json'
"apiusers/dictionary/Cesselin"
```

## List of users with a role with access to a dictionary

|        |                                       |
|--------|---------------------------------------|
| URL    | apiusers/dictionary/[dictname]/[role] |
| Method | GET                                   |

|             |                                       |
|-------------|---------------------------------------|
| ContentType | application/xml                       |
|             | application/json                      |
| Returns     | 200 OK & list of groups (XML or json) |
|             | 401 Unauthorized                      |
|             | 404 Not Found (dictionary or role)    |

Example of query:

```
curl -H 'Accept: application/json'
"apiusers/dictionary/Cesselin/reader"
```

## Gives a role related to a dictionary to a user

|             |   |
|-------------|---|
| URL         | apiusers/dictionary/[dictname]/[role]/[login] |
| Method      | PUT   |
| ContentType | application/xml                               |
|             | application/json                              |
| Returns     | 200 OK & XML or json (user)                   |
|             | 401 Unauthorized                              |
|             | 404 Not Found (dictionary or user not found)  |

Note: Only an admin or dictionary admin can give a role to a user.

Example of query:

```
curl -X PUT \
-u login:password \
"apiusers/dictionary/Cesselin/reader/toto"
```

## Removing a role from a user in a dictionary

|             |   |
|-------------|---|
| URL         | apiusers/dictionary/[dictname]/[role]/[login] |
| Method      | DELETE  |
| ContentType | application/xml                               |
|             | application/json                              |
| Returns     | 204 No Content & XML or json (user)           |
|             | 401 Unauthorized                              |
|             | 404 Not Found (dictionary, role or user)      |

Note: Only an admin or dictionary admin can remove a role to a user.

Example of query:

```
curl -X DELETE \
-u login:password \
"apiusers/users/login/groups/readerd_Cesselin"
```

## Authentication methods

Authentication method is one of the following:

|                       |   |
|-----------------------|---|
| BasicAuth             | login and password are encoded in base 64 and sent to the server in the request header. This method is not secure because the encryption method is easy to decrypt. |
| Authentication cookie | cookies are sent to the server in the request header. In order to ask for an authentication cookie, please visit the <a href="#">login page</a> .                   |
| Querystring           | login=login   |
|                       | password=password   |
|                       | This method is not secure at all : login and password are sent in cleartext. They will even be registered on the web server logs!                                   |

## Misc

If you need more help, send an email to [Mathieu Mangeot](#).