MS Registry REST API Resources

Contents

Document Version

Welcome to the MS Registry REST API. Below, you'll find a full listing of all the available endpoints. As we add more endpoints, they will be automatically documented here.

The endpoint's documentation section includes what query parameters the endpoint will accept, what the JSON object's parameters will be in the response, and an example query/response.

This documentation is for most recent version of the MS Registry REST API, version **v0.2.0**.

GET /auth/test

Test Bearer Token authentication.

Resource Information

```
Method                  GET
URL                     /auth/test
Requires authentication?    Yes
```

Resource Errors

These are the possible errors returned by this endpoint.

HTTP Code	Error Identifier	Error Message
403	authorization_required	Authorization header is expected
401	invalid_header	Authorization header must start with Bearer
401	invalid_header	Token not found
401	invalid_header	Authorization header must be Bearer + token
400	token_expired	Token is expired
400	invalid_audience	Incorrect audience
400	invalid_signature	Token signature is invalid
500	internal_server_error	An error occurred while adding this user

Example

```
curl \
 -H 'authorization: Bearer YOUR_API_TOKEN' \
 'https://ws.msregistry.s3it.uzh.ch/auth/test'
```

Response

```
{
  "code": "authorization_success",
  "description": "All good. You only get this message if you're authenticated."
}
```

GET /user

Get metadata about the current user.

Resource Information

Method	GET
URL	/api/v1.0/user
Requires authentication?	Yes

Response Parameters

Parameter	Type	Description
uniqueID	(string)	That's the unique ID of the user, received from OAuth server
consent	(bool)	Has the Informed Consent been accepted?
member_since	(iso 8601 datetime)	Datetime the user joined
last_seen	(iso 8601 datetime)	Datetime last seen user. This field is updated on every user interaction

Resource Errors

These are the possible errors returned by this endpoint.

HTTP Code	Error Identifier	Error Message
403	authorization_required	Authorization header is expected
401	invalid_header	Authorization header must start with Bearer
401	invalid_header	Token not found

HTTP Code	Error Identifier	Error Message
401	invalid_header	Authorization header must be Bearer + token
400	token_expired	Token is expired
400	invalid_audience	Incorrect audience
400	invalid_signature	Token signature is invalid
500	internal_server_error	An error occurred while adding this user

Example

```
curl \
 -H 'authorization: Bearer YOUR_API_TOKEN' \
 'https://ws.msregistry.s3it.uzh.ch/api/v1.0/user'
```

Response

```
{
  "uniqueID": "auth0|569cf82bfc02d8a0339beef4",
  "consent": true,
  "member_since": "2016-03-04T17:03:37",
  "last_seen": "2016-03-04T17:05:12"
}
```

GET /user/consent

Get information about user acceptance of Informed Consent.

Resource Information

```
Method                 GET
URL                    /api/v1.0/user/consent
Requires authentication?   Yes
```

Response Parameters

Parameter	Type	Description
consent	(bool)	Has the Informed Consent been accepted?

Resource Errors

These are the possible errors returned by this endpoint.

HTTP Code	Error Identifier	Error Message
403	authorization_required	Authorization header is expected
401	invalid_header	Authorization header must start with Bearer
401	invalid_header	Token not found
401	invalid_header	Authorization header must be Bearer + token
400	token_expired	Token is expired
400	invalid_audience	Incorrect audience
400	invalid_signature	Token signature is invalid
500	internal_server_error	An error occurred while adding this user

Example

```
curl \
 -H 'authorization: Bearer YOUR_API_TOKEN' \
 'https://ws.msregistry.s3it.uzh.ch/api/v1.0/user/consent'
```

Response

```
{
    "consent": true
}
```

POST /user/consent

Set user acceptance of Informed Consent.

Resource Information

```
Method                  POST
URL                     /api/v1.0/user/consent
Requires authentication?    Yes
```

Request Parameters

Parameter	Type	Description
consent	(bool)	Set True is Informed Consent has been accepted, False otherwise

Response Parameters

Parameter	Type	Description
success	(bool)	Return True if content was accepted and registered, False otherwise

Resource Errors

These are the possible errors returned by this endpoint.

HTTP Code	Error Identifier	Error Message
403	authorization_required	Authorization header is expected
401	invalid_header	Authorization header must start with Bearer
401	invalid_header	Token not found
401	invalid_header	Authorization header must be Bearer + token
400	token_expired	Token is expired
400	invalid_audience	Incorrect audience
400	invalid_signature	Token signature is invalid
500	internal_server_error	An error occurred while adding this user

Example

```
curl \
 -i -H "Accept: application/json" \
 -H "Content-Type: application/json" \
 -X POST -d "{'consent': true}" \
 -H 'authorization: Bearer YOUR_API_TOKEN' \
 'https://ws.msregistry.s3it.uzh.ch/api/v1.0/user/consent'
```

Response

```
{
  "success": true
}
```

GET /user/roles

Get User's Roles.

Resource Information

```
Method                    GET
URL                       /api/v1.0/user/roles
Requires authentication?  YES
```

Response Parameters

Parameter	Type	Description
roles	(array)	Return user's roles stored on OAuth Server. Returned values are: 'doctor', 'patient', 'relative'. If no roles are stored on OAuth Server, return default role 'patient'.

Resource Errors

These are the possible errors returned by this endpoint.

HTTP Code	Error Identifier	Error Message
403	authorization_required	Authorization header is expected
401	invalid_header	Authorization header must start with Bearer
401	invalid_header	Token not found
401	invalid_header	Authorization header must be Bearer + token
400	token_expired	Token is expired
400	invalid_audience	Incorrect audience
400	invalid_signature	Token signature is invalid
500	internal_server_error	An error occurred while adding this user

Example

```
curl \
 -H 'authorization: Bearer YOUR_API_TOKEN' \
 'https://ws.msregistry.s3it.uzh.ch/api/v1.0/user/roles'
```

Response

```
{
  "roles": [
    "doctor",
    "patient"
```

```
    ]
}
```

GET /user/lang

Get User's Language.

Resource Information

```
Method                  GET
URL                     /api/v1.0/user/lang
Requires authentication? YES
```

Response Parameters

Parameter	Type	Description
lang	(string)	Return user's language setting stored on OAuth Server. Returned values are: 'de', 'fr', 'it'. If no language setting is stored on OAuth Server, return default language 'de'.

Resource Errors

These are the possible errors returned by this endpoint.

HTTP Code	Error Identifier	Error Message
403	authorization_required	Authorization header is expected
401	invalid_header	Authorization header must start with Bearer
401	invalid_header	Token not found
401	invalid_header	Authorization header must be Bearer + token
400	token_expired	Token is expired
400	invalid_audience	Incorrect audience
400	invalid_signature	Token signature is invalid
500	internal_server_error	An error occurred while adding this user

Example

```
curl \
 -H 'authorization: Bearer YOUR_API_TOKEN' \
 'https://ws.msregistry.s3it.uzh.ch/api/v1.0/user/lang'
```

Response

```
{
  "lang": "de"
}
```