

# MS Registry REST API Resources

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## 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
<b>uniqueID</b>	(string)	That's the unique ID of the user, received from OAuth server
<b>consent</b>	(bool)	Has the Informed Consent been accepted?
<b>member__since</b>	(iso 8601 datetime)	Datetime the user joined
<b>last__seen</b>	(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
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

HTTP Code	Error Identifier	Error Message
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 /<lang\_code>/consent

Get Informed Consent in three different languages.

## Resource Information

Method	GET
URL	/api/v1.0/<lang_code>/consent
Requires authentication?	NO

## Method Parameters

Parameter	Type	Description
lang_code	(string)	Three different languages. Accepted values are: 'de', 'fr', 'it'

## Response Parameters

Parameter	Type	Description
text	(string)	Text of Informed Consent, translated in three different languages

## Example

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

## Response

```
{
  "text": "Einwilligungserklärung"
}
```