

VOOT description

VOOT is a simplified version of OpenSocial and the API is available at: <https://voot.surfconext.nl/>. The calls described below need to be prepended with this URL.

Authorization

You can use SURFconext OpenID Connect to get an `access_token`. You need at least the scope "groups" to access the Voot API. Ask SURFconext support to configure this for your client. This `access_token` can be used as a `bearer token` to get access to the Voot API. For details on how this works, please refer to the [SURFconext OIDC playground](#)

Group identifier

With VOOT you can request information about a group or a user's group memberships. The groups can be from [SURFconext Teams](#) or an institution group provider. By default, you will not receive groups from an institution group provider. If you like to use groups from institution group provider, please contact support@surfconext.nl.

```
urn:collab:group:{group_provider}:{group_name}
```

- **group_provider**: name of the group provider (surfteams.nl or the name of an institution group provider, it has the name of that institution group provider).
- **group_name**: name of the group within the group provider.

Examples of Group identifier

```
urn:collab:group:surfteams.nl:nl:surfnet:diensten:SURFconext_admins
urn:collab:group:avans.nl:nl:avans.AVANS-employee_grp
```

Supported calls

Get a user's group membership

```
/me/groups
```

Example

```
Host: voot.surfconext.nl
GET /me/groups HTTP/1.1

Response

HTTP/1.1 200 OK
Content-Type: application/json

[ {
  "id" : "urn:collab:group:uniharderwijk.nl:cis",
  "displayName" : "cis",
  "description" : null,
  "sourceID" : "UniHarderwijk",
  "membership" : {
    "basic" : "member"
  }
}, {
  "id" : "urn:collab:group:surfteams.nl:nl:surfnet:diensten:myexampleteam",
  "displayName" : "MyExampleTeam",
  "description" : "This team is an example",
  "sourceID" : "SURFteams",
  "membership" : {
    "basic" : "admin"
  }
} ]
```

Get group information

Group information is taken from [SURFconext Teams](#). This call will only return the group's information if the user is a member of this group.

```
/me/groups/{groupId}
```

{groupId} must be replaced with a SURFconext group identifier (to be obtained with the user's group membership call).

Example of Get group information

```
Host: voot.surfconext.nl
GET /me/groups/urn:collab:group:surfteams.nl:nl:surfnet:diensten:abc_helpdesk_administrators HTTP/1.1

Response
HTTP/1.1 200 OK
Content-Type: application/json

{
  "id" : "urn:collab:group:surfteams.nl:nl:surfnet:diensten:abc_helpdesk_administrators",
  "displayName" : "ABC helpdesk administrators",
  "description" : "Administrators of the ABC helpdesk service.",
  "sourceID" : "SURFteams",
  "membership" : {
    "basic" : "admin"
  }
}
```

Errors

Handling failures of OAuth (Bearer) authentication are handled as described in [RFC 6750]. This will involve sending the WWW-Authenticate header if something is wrong, for example an invalid OAuth 2.0 access token will result in the following response:

```
HTTP/1.1 401 Unauthorized WWW-Authenticate: Bearer realm="Resource Server",error="invalid_token",
error_description="the access token is not valid" Content-Type: application/json {"error":"invalid_token",
error_description:"the access token is not valid"}
```

There are also some request errors defined, i.e.: invalid requests to SURFconext that are dealt with in a certain manner. The error response is returned as JSON, for example:

```
HTTP/1.1 404 Not Found Content-Type: application/json { "error": "invalid_user", }
```

Retrieve Group Membership

- If the specified user does not exist at the provider an error response with code 404 Not Found is returned. The error field contains invalid_user;
- If any other error occurs an error response with code 500 Internal Server Error is returned. The error field contains internal_server_error