

Project API

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Note

A valid CSRF token is required for all PUT, POST and DELETE API calls.

Get a listing of all projects

Returns a listing of all projects in your XNAT.

```
GET /data/projects
```

Parameters:

Parameter	Description	Parameter Type	Data Type
format	Optional. Set the format of the response. Format value can be json , html , xml , or csv . If not specified, default is JSON	querystring	string
accessible	Optional. Restrict the list of projects to those that are accessible to the currently logged in user. This is a catchall for any project group that the user may be assigned to. Default is false.	querystring	boolean
owner	Optional. Restrict the list of projects to those where the currently logged in user is listed as an owner. Default is false.	querystring	boolean
member	Optional. Restrict the list of projects to those where the currently logged in user is listed as a member. Default is false.	querystring	boolean
collaborator	Optional. Restrict the list of projects to those where the currently logged in user is listed as a collaborator. Default is false.	querystring	boolean
activeSince	Optional. Restrict the list of projects to those who have been updated since the specified date. Date format is YYYY-MM-DD	querystring	date
recent	Optional. Restrict the list of projects to those who have been recently accessed by the logged in user. Default is false	querystring	boolean
favorite	Optional. Restrict the list of projects to those in the current user's "favorites" list.	querystring	boolean

Response:

```
[
  {
    description: "string",
    ID: "string",
    name: "string",
    pi_firstname: "string",
    pi_lastname: "string",
    secondary_ID: "string",
    URI: "path"
  }
]
```

Create one or more projects

This POST form accepts an XML file specifying project parameters. See available project parameters.

```
POST /data/projects
```

Parameters:

Parameter	Description	Parameter Type	Data Type
Model	Project parameters that can be specified in an XML document. Please note that ID, secondary_ID and name are required.	Body	XML schema: <ul style="list-style-type: none">• xnat:projectData/ID• xnat:projectData/secondary_ID• xnat:projectData/name• xnat:projectData/description• xnat:projectData/keywords• xnat:projectData/alias• xnat:projectData/PI/firstname• xnat:projectData/PI/lastname• xnat:projectData/meta/last_modified• xnat:projectData/meta/insert_date• xnat:projectData/meta/insert_user

Response Codes:

HTTP Status Code	Message
201	Project successfully created.
400	The submitted data was invalid.
401	Must be authenticated to access the XNAT REST API.
404	Not Found
409	Project already exists
500	An unexpected error occurred.

Get information on a specific project

Returns project metadata for a single project, specified by ID.

```
GET /data/projects/{id}
```

Parameters:

Parameter	Description	Parameter Type	Data Type
id	Project ID (value of xnat:projectData/ID)	path	string
format	Optional. Set the format of the response. If not specified, HTML for the project report page will be returned (and displayed if using a web browser)	querystring	string: json, html, xml, csv

Update parameters for a specific project

Allows the user to edit project metadata by passing values through the querystring, or as XML data.

```
PUT /data/projects/{id}
```

Parameters:

Parameter	Description	Parameter Type	Data Type
id	Project ID (value of <code>xnat:projectData/ID</code>)	path	string
Model	Project parameters that can be specified in an XML document, or as values encoded in the querystring. Please note that <code>xnat:projectData/ID</code> cannot be updated on any project. See: Project Data REST XML Path Shortcuts	Body / querystring	XML schema: <ul style="list-style-type: none">• <code>xnat:projectData/secondary_ID</code>• <code>xnat:projectData/name</code>• <code>xnat:projectData/description</code>• <code>xnat:projectData/keywords</code>• <code>xnat:projectData/alias</code>• <code>xnat:projectData/PI/firstname</code>• <code>xnat:projectData/PI/lastname</code>• <code>xnat:projectData/meta/last_modified</code>• <code>xnat:projectData/meta/insert_date</code>• <code>xnat:projectData/meta/insert_user</code>

Response Codes:

HTTP Status Code	Message
200	Project successfully updated.
400	The submitted data was invalid.
401	Must be authenticated to access the XNAT REST API.
404	Not found.
409	Request conflicts with existing projects
500	An unexpected error occurred.

Delete a project



This operation is permanent and cannot be undone.

```
DELETE /data/projects/{id}
```

Response:

HTTP Status Code	Message
200	Project deleted.
401	Must be authenticated to access the REST API.
404	Not found.

500

An unexpected error occurred.