

# User Resources API

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User resources are configured to be stored in the root cache space, defined by default as `/data/home/xnat/cache`. Cache spaces are not considered to be reliable long-term storage; many XNAT administrators set up cron jobs to clear this space.



A CSRF Token may be required for all PUT, POST and DELETE calls, depending on your Admin UI setting.

## Get All User Cache Resources

Returns all resource directories for the currently logged-in user.

```
GET - /data/user/cache/resources/
```

### Parameters:

format
<ul style="list-style-type: none"><li>• XML (default)</li><li>• JSON</li><li>• HTML</li><li>• CSV</li></ul>



### Response:

```
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<body>
<table class="x_rs_t" cellpadding="0" cellspacing="0">
  <thead class="x_rs_thead">
    <tr class="x_rs_tr_head">
      <th>Resource</th><th>URI</th>
    </tr>
  </thead>
  <tbody id="dataRows">
    <tr class="x_rs_tr_data odd">
      <td>uploads</td>
      <td><a href='/data/user/cache/resources/uploads'>/data/user/cache/resources/uploads</a></td>
    </tr>
  </tbody>
</table>
</body>
</html>
```

## Create A User Cache Resource Folder

This creates a new folder in the XNAT root cache associated with the currently logged-in user account. The folder naming will use the user's numerical ID, i.e.: /ROOT\_CACHE\_SPACE/USERS/4/**folder\_name**

```
PUT - /data/user/cache/resources/{FOLDER}
```

**Parameters:**

<b>{FOLDER}</b>	Path parameter – the resource ID
<b>format</b>	Optional querystring parameter
<b>content</b>	Optional querystring parameter
<b>tags</b>	Optional querystring parameter

**Response:**

<b>200</b>	OK
<b>412</b>	Precondition Failed (Occurs if the user is a guest account)

## Get User Cache Resource File Listing

```
GET - /data/user/cache/resources/{FOLDER}/files
```

**Parameters:**

<b>{FOLDER}</b>	Path parameter – the resource ID
<b>format</b>	<ul style="list-style-type: none"><li>• XML (default)</li><li>• html</li><li>• json</li><li>• csv</li></ul>

**Response:**

```
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<body>
  <table class="x_rs_t" cellpadding="0" cellspacing="0">
    <thead class="x_rs_thead">
      <tr class="x_rs_tr_head">
        <th>Name</th><th>Size</th><th>URI</th>
      </tr>
    </thead>
    <tbody id="dataRows">
      <tr class="x_rs_tr_data odd">
        <td>test.txt</td><td>4</td><td><a href=' /xnat/data/user/cache/resources/junk/files/test.txt '>
/data/user/cache/resources/junk/files/test.txt</a></td>
      </tr>
    </tbody>
  </table>
</body>
</html>
```

## Upload A File To A User Cache Resource

If you are submitting a file via an HTML form, the form must have "multipart/form-data" encoding.

```
PUT - /data/user/cache/resources/{FOLDER}/files/{FILE}
```

**Parameters:**

<b>{FOLDER}</b>	Path parameter – the resource ID
<b>{FILE}</b>	Path parameter – the filename you wish to save your file as
<b>file</b>	Form data – the file you wish to upload

**Response:** None

## Delete A File From A User Cache Resource

```
DELETE - /data/user/cache/resources/{FOLDER}/files/{FILE}
```

**Parameters:**

<b>{FOLDER}</b>	Path parameter – the resource ID
<b>{FILE}</b>	Path parameter – the filename you wish to delete