

# XNAT REST API Directory

This table contains a directory of API that can be found in Core XNAT.

## **/xapi vs /data vs /data/archive vs /REST**

In legacy XNAT REST APIs, the following prefixes can be used interchangeably:

- /REST
- /data
- /data/archive

These prefixes are **not** interchangeable with Swagger-enabled XAPI rest paths. These can only use:

- /xapi

## XNAT Administration

### Site Administration

Site-wide Configuration API	<b>/xapi/siteConfig</b>
Preference Service API	<b>/xapi/prefs</b>
Data Type Schema API	<b>/xapi/schemas</b>
Legacy XNAT Site Configuration API	<b>/data/config</b>

### System Administration

XNAT Archive API	<b>/xapi/archive</b>
System Notifications API	<b>/xapi/notifications</b>
Node / Task Management API	<b>/xapi/xnatTask</b>

### User Administration

User Management API	<b>/xapi/users</b>
User Management API (Deprecated)	<b>/data/users</b>
User Resources API	<b>/data/user/cache/resources</b>
Project User Access API	<b>/data/projects/ID/users</b>
Project Access Request API	<b>/data/pars /data/projects/ID/pars</b>

### User Authentication Services

User Session Management API	<b>/data/JSESSION</b>
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## XNAT Data Management API

### Working With Projects

Project API	<b>/data/projects</b>
Project Attributes API	<b>/data/projects/{ID}/accessibility /data/projects/{ID}/current_archive /data/projects/{ID}/prearchive_code /data/projects/{ID}/quarantine_code /data/projects/{ID}/scan_types</b>
Project Investigators API	<b>/xapi/investigators</b>
Project User Access API	<b>/data/projects/{ID}/users</b>
Project Access Request API	<b>/data/pars /data/projects/{ID}/pars</b>
Project Configuration API	<b>/data/projects/{ID}/config</b>
Project Pipeline Management API	<b>/data/projects/{ID}/pipelines</b>

#### **Tutorials:**

- [Using the XNAT API: How to Configure Scan Quality Labels](#)

### Working with Subjects, Image Sessions and other Subject Assessors

Subject API	<b>/data/subjects /data/.../subjects</b>
Experiment API ("Subject Assessors" API)	<b>/data/experiments /data/.../experiments</b>
Experiment Quarantine API	<b>/data/.../experiments/status</b>

User Auth Service API	/data/services/auth
User Alias Token API	/data/services/tokens

Image Session Scans API	/data/.../experiments/{ID}/scans
Image Assessor API	/data/.../experiments/{ID}/assessors
Data Sharing API	/data/projects/{ID}/.../projects

## XNAT Plugin Administration

Plugin API	/xapi/plugins
Plugin Open URL Authorization API	/xapi/pluginOpenUrls

### Tutorials:

- [How to Create Subjects with the XNAT REST API](#)
- [How To Download Files via the XNAT REST API](#)
- [XNAT REST XML Path Shortcuts](#)

## UI configuration:

UI Element Spawner API	/xapi/spawner
UI Theme API (beta)	/xapi/theme

## Storing And Retrieving Resource Files

Project Resources and Files API	/data/projects/{ID}/resources /data/projects/{ID}/files
Subject Resource API	/data/.../subjects/{ID}/resources /data/.../subjects/{ID}/files
Experiment Resource API	/data/.../experiments/{ID}/resources
Image Scan Resource API	/data/.../experiments/{ID}/scans/{ID}/resources
Image Assessor Resource API	/data/.../assessors/{ID}/{IN   OUT}/resources

## DICOM Connections:

DICOM SCP API	/xapi/dicomscp
DICOM SCP API (Deprecated)	/data/services/dicomscp
DICOM Anonymization Settings API	/xapi/anonymize
Connected Scanners API (Deprecated)	/data/scanners

### Tutorials:

- [How to Upload Image Session Files with the REST API](#)

## Other Services:

File Mover Service API	/data/services/move-files
Mail Send API	/data/services/mail/send
Audit Service API	/data/services/audit
Catalog Refresh API	/data/services/refresh/catalog
Email Verification API	/data/services/sendEmailVerification
Features API (Deprecated)	/data/services/features

## Using and Managing the Archive & Prearchive

Image Session Import Service API	/data/services/import
Image Session Archive Service API	/data/services/archive
Prearchive API	/data/services/prearchive
Image Session Upload Status API	/data/status
DICOM Dump Service API	/data/services/dicomdump

## XNAT Search API

XNAT Search API	/data/search
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Stored Search API	<a href="#">/data/search/stored</a>
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**Tutorials:**

- [How to Query the XNAT Search Engine with REST API](#)

## XNAT Data Processing

XNAT Pipeline API	<a href="#">/data/projects/{ID}/pipelines</a>
XNAT Workflow API	<a href="#">/data/workflows</a>

**Related: Container Service API**

## XNAT Automation API

Event Handler API (beta)	<a href="#">/xapi/eventHandler</a>
XNAT Automation Service API (beta)	<a href="#">/xapi/automation</a>

## Deprecated API

These API are from legacy XNAT versions and have been replaced.

## Site Administration

- XNAT Site Configuration API - [/REST/config](#)
- XNAT Site Settings API - [/REST/services/settings](#)
- XNAT Log Reporting API - [/REST/services/logging](#)
- XNAT Version - [/REST/version](#)

## Search

- Search Fields - [/REST/search/fields](#)