

# 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	/xapi/siteConfig
Preference Service API	/xapi/prefs
Data Type Schema API	/xapi/schemas
Legacy XNAT Site Configuration API	/data/config

### System Administration

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

### User Administration

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

### User Authentication Services

User Session Management API	/data/JSESSION
User Auth Service API	/data/services/auth
User Alias Token API	/data/services/tokens

## XNAT Data Management API

### Working With Projects

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

Tutorials:



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

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

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

## UI configuration:

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

## 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

## 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

## Tutorials:



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

## 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

## Tutorials:



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

## 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
Stored Search API	/data/search/stored

## Tutorials:



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

## XNAT Data Processing

XNAT Pipeline API	/data/projects/{ID}/pipelines
XNAT Workflow API	/data/workflows

Related: [Container Service API](#)

## XNAT Automation API

Event Handler API (beta)	<b>/xapi/eventHandler</b>
XNAT Automation Service API (beta)	<b>/xapi/automation</b>

## 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