

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 /xapi/{SCHEMA} /xapi/{NAMESPACE}/ {SCHEMA} /schemas/{SCHEMA}
Legacy XNAT Site Configuration API	/data/config



Tutorials:

- [Enabling Authentication Providers via the SiteConfig API](#)

System Administration

XNAT Archive Catalog API	/xapi/archive
System Notifications API	/xapi/notifications
Node / Task Management API	/xapi/xnatTask
Async Operations Settings API	/xapi/asyncOps
Logging API	/xapi/logs

User Administration

User Management API	/xapi/users
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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

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
Data Access API	/xapi/access

User Authentication Services

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

XNAT Event Service Administration

Event Service API	/xapi/events /xapi/projects/ID/events
Event Tracking Data API	/xapi/event_tracking

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
DICOM Inbox Transaction API	/xapi/dicom
Connected Scanners API (Deprecated)	/data/scanners

Image Assessor API	/data/.../experiments/ID/assessors
Data Sharing API	/data/projects/ID/.../projects
Scan Snapshot Generation API	/xapi/snapshot-generation-api



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
Resource Quarantine API	/data/services/triage



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
Archive Processor API	/xapi/processors
Custom DICOM Mapping API	/xapi/dicom_mappings

XNAT Search API

XNAT Search API	/data/search
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Tutorials:

- [How to Set Custom DICOM Routing Rules via the XNAT API](#)

Stored Search API	<code>/data/search/stored</code>
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Tutorials:

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

Other Services:

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

XNAT Data Processing

XNAT Pipeline API	<code>/xapi/pipelines</code>
XNAT Project Pipeline API (Deprecated)	<code>/data/projects/{ID}/pipelines</code>
XNAT Workflow API	<code>/data/workflows</code>

Related: [Container Service API](#)

XNAT Automation API

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

Deprecated API

i 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`