

# Resource-Oriented REST API Documentation

This is non-official and currently INNACURATE. It is an attempt to document [Fedora's REST API](#) in a resource-oriented way.

## Objects

[/fedora/objects](#)

GET - Lists objects in the repository

POST - Adds an object

[/fedora/objects/{pid}](#)

GET - Gets information about an object

PUT - Creates or updates an object

DELETE - Removes an object

## Datastreams

[/fedora/objects/{pid}/datastreams](#)

GET - Lists datastreams in an object

[/fedora/objects/{pid}/datastreams/{dsId}](#)

GET - Gets information about a datastream

PUT - Creates or updates a datastream

DELETE - Removes a datastream

[/fedora/objects/{pid}/datastreams/{dsId}/content](#)

GET - Gets the content of a datastream

## Methods

[/fedora/objects/{pid}/methods](#)

GET - Lists all invocable methods on an object

[/fedora/objects/{pid}/methods/{sDef}](#)

GET - Lists all invocable methods on an object, filtered by Service Definition

[/fedora/objects/{pid}/methods/{sDef}/{method}](#)

GET - Invokes a GET method on an object

## Objects

[/fedora/objects](#)

**GET - Lists objects in the repository**

## URL Parameters

Parameter	Description	Default	Options
terms	a phrase represented as a sequence of characters (including the ? and * wildcards) for the search. If this sequence is found in any of the fields for an object, the object is considered a match. Do NOT use this parameter in combination with the "query" parameter		
query	a sequence of space-separated conditions. A condition consists of a metadata element name followed directly by an operator, followed directly by a value. Valid element names are (pid, label, state, ownerId, cDate, mDate, dcmDate, title, creator, subject, description, publisher, contributor, date, type, format, identifier, source, language, relation, coverage, rights). Valid operators are: contains(), equals (=), greater than (>), less than (<), greater than or equals (>=), less than or equals (<=). The contains() operator may be used in combination with the ? and * wildcards to query for simple string patterns. Space-separators should be encoded in the URL as %20. Operators must be encoded when used in the URL syntax as follows: the (=) operator must be encoded as %3D, the (>) operator as %3E, the (<) operator as %3C, the (>=) operator as %3E%3D, the (<=) operator as %3C%3D, and the (-) operator as %7E. Values may be any string. If the string contains a space, the value should begin and end with a single quote character ('\'). If all conditions are met for an object, the object is considered a match. Do NOT use this parameter in combination with the "terms" parameter		
maxResults	the maximum number of results that the server should provide at once. If this is unspecified, the server will default to the value it has configured for this. The smaller of the two will be used.	25	
resultFormat	the preferred output format	html	xml, html
pid	if true, the Fedora persistent identifier (PID) element of matching objects will be included in the response	false	true, false
label	if true, the Fedora object label element of matching objects will be included in the response	false	true, false
state	if true, the Fedora object state element of matching objects will be included in the response	false	true, false
ownerId	if true, each matching objects' owner id will be included in the responsefalse>true, false	false	true, false
cDate	if true, the Fedora create date element of matching objects will be included in the response	false	true, false
mDate	if true, the Fedora modified date of matching objects will be included in the response	false	true, false
dcmDate	if true, the modification date of the Dublin Core (DC) datastream will be included in the response	false	true, false
title, creator, subject, description, publisher, contributor, date, type, format, identifier, language, relation, coverage, rights	if any of these are given as true, the associated Dublin Core element(s) of matching objects will be included in the response	false	true, false

## Response

**HTTP Status Code:** 200

## Examples

Show search form.

Start a search.

Get next page of results.

## POST - Adds an object

/fedora/objects/{pid}

## GET - Gets information about an object

## PUT - Creates or updates an object

## DELETE - Removes an object

## Datastreams

/fedora/objects/{pid}/datastreams

## GET - Lists datastreams in an object

/fedora/objects/{pid}/datastreams/{dsId}

**GET - Gets information about a datastream**

**PUT - Creates or updates a datastream**

**DELETE - Removes a datastream**

/fedora/objects/{pid}/datastreams/{dsId}/content

**GET - Gets the content of a datastream**

## Methods

/fedora/objects/{pid}/methods

**GET - Lists all invocable methods on an object**

/fedora/objects/{pid}/methods/{sDef}

**GET - Lists all invocable methods on an object, filtered by Service Definition**

/fedora/objects/{pid}/methods/{sDef}/{method}

**GET - Invokes a GET method on an object**