API Reference

API search parameters

You can filter a search and control its output by passing search parameters in the `$data` argument (PHP API) or in the URL query string (REST API).

Common parameters

These are the search parameters that are common to almost all API resources:

Parameter	Description	Type	Default
id	Limit matches to the given ID or IDs. Multiple IDs can be specified using the PHP array syntax (`id[ ]`). (added in 3.0.0)	integer or integer[]	none
sort_by	Sort the result set by this field	string	created
sort_order	Sort the result set in this order, ascending ("asc") or descending ("desc")	string	desc
page	The page number of the result set to return	integer	1
per_page	The number of results per page	integer	uses global "results per page" setting
limit	The number of results to return	integer	0 (all)
offset	The number offset of results to return	integer	0 (no offset)

Parameters for RDF resources

These are the search parameters that are common to all RDF resources (items, media, item_sets):

Parameter	Description	Type
fulltext_search	Get RDF resources where there's a match in the fulltext index	string
search	Get RDF resources where there's an exact match in a value	string
owner_id	Get RDF resources that belong to this owner	integer
resource_class_label	Get RDF resources with a class that has this unique label	string
resource_class_id	Get RDF resources with a class that has this unique identifier	integer
resource_template_id	Get RDF resources with a template that has this unique identifier	integer
is_public	Get RDF resources that are public OR private	boolean

RDF resources also feature a fine-grained value search using the parameter key `property` and this query format:

- `property[{index}][joiner]` : Boolean joiner with previous query (valid options are `and`, `or` ; default is `and`)
- `property[{index}][property]` : property ID or term name (e.g., `dcterms:title`)
  - You can also provide `0` as the property ID here to search across all values regardless of property
- `property[{index}][text]` : search text
- `property[{index}][type]` : search type
  - eq: is exactly
  - in: contains
  - sw: starts with
  - ew: ends with
  - res: links to the Omeka S resource with the given ID
  - ex: has any value (this search type does not require passing `text`)

- All the types can be negated by prefixing them with the letter `n` . So, `neq` will return resources that do *not* have a value that exactly matches the search text.

Parameters for items

Parameter	Description	Type
item_set_id	Get items assigned to this item set. Pass an array of IDs (PHP-style) to return items in any one of the given sets.	integer (or array of integers)
site_id	Get items in this site's item pool	integer
site_attachments_only	When using site_id, whether items must be attached to a site page block	bool

Parameters for media

Parameter	Description	Type
item_id	Get media assigned to this item	integer
media_type	Get media of this media type	string
site_id	Get media in this site's item pool AND are attached to a block	integer
ingester	Get media using this ingester (added in 3.0.0)	string
renderer	Get media using this renderer (added in 3.0.0)	string

Parameters for item_sets

Parameter	Description	Type
is_open	Get item sets that are open or closed	bool
site_id	Get item sets in this site's item set pool	integer

Parameters for vocabularies

Parameter	Description	Type
owner_id	Get vocabularies belonging to this owner	integer
namespace_uri	Get a vocabulary that has this unique namespace URI (e.g. "http://purl.org/dc/terms/")	string
prefix	Get a vocabulary that has this unique namespace prefix (e.g. "dcterms")	string

Parameters for resource_classes

Parameter	Description	Type
owner_id	Get classes that belong to this owner	integer
vocabulary_id	Get classes that belong to a vocabulary that has this unique identifier	integer
vocabulary_namespace_uri	Get classes that belong to a vocabulary that has this unique namespace URI (e.g. "http://purl.org/dc/dcmitype/")	string
vocabulary_prefix	Get classes that belong to a vocabulary that has this unique namespace prefix (e.g. "dcmitype")	string
local_name	Get classes with this local name (e.g. "Image")	string
term	Get a class with this unique term (e.g. "dcmitype:Image")	string
used	Only get classes used by at least one resource (added in 3.0.0)	boolean

Parameters for properties

Parameter	Description	Type
owner_id	Get properties that belong to this owner	integer
vocabulary_id	Get properties that belong to a vocabulary that has this unique identifier	integer
vocabulary_namespace_uri	Get properties that belong to a vocabulary that has this unique namespace URI (e.g. "http://purl.org/dc/terms/")	string
vocabulary_prefix	Get properties that belong to a vocabulary that has this unique namespace prefix (e.g. "dcterms")	string
local_name	Get properties with this local name (e.g. "title")	string
term	Get a property with this unique term (e.g. "dcterms:title")	string
used	Only get classes used by at least one resource (added in 3.0.0)	boolean

Parameters for users

Parameter	Description	Type
email	Get a user that has this unique email	string
name	Get users that have this name	string
role	Get users that have this role (choices are: global_admin, site_admin, editor, reviewer, author, researcher)	string
is_active	Get users that are active or inactive	bool
site_permission_site_id	Get users that have site permissions	integer

API request options

For most resources, you can pass options that affect the execution of a request in the `$options` argument. These options are only available when using the PHP API, and are not available in the REST API.

Option	Type	Description	Default
initialize	bool	Set whether to initialize the request during execute() (e.g. trigger API-pre events).	`true`
finalize	bool	Set whether to finalize the request during execute() (e.g. trigger API-post events and transform response content according to the "responseContent" option).	`true`
returnScalar	string	Set which field/column to return as an array of scalars during a SEARCH request. The request will not finalize when this option is set.	`false`
isPartial	bool	Set whether this is a partial UPDATE request (aka PATCH).	`false`
collectionAction	string	Set which action to take on certain collections during a partial UPDATE request: `"replace"` : the passed data replaces the collection `"append"` : append passed data to collections `"remove"` : remove passed data from collections	`"replace"`
continueOnError	bool	Set whether a BATCH_CREATE operation should continue processing on error.	`false`

Option	Type	Description	Default
flushEntityManager	bool	Set whether to flush the entity manager during CREATE, UPDATE, and DELETE.	`true`
responseContent	string	Set the type of content the API response should contain. Default is "representation". The types are: • `"representation"` : an API resource representation • `"reference"` : an API resource reference • `"resource"` : an API resource	`"representation"`