

REST `/search` endpoint

[#oapen](#) [#doab](#)

The REST API has been expanded with a new endpoint: `/search`

This endpoint can be used to retrieve items using discovery parameters such as `query`, `fq` (filter-query) and `sort`.

The resulting list of items is displayed similarly to the `/items` endpoint, and thus is able to be filtered with the same `expand`, `limit` and `offset` parameters.

Discovery parameters

General things to note when building a rest call:

- It's good practice to put query or filter-query values between quotes
- Date fields should always be followed by `_dt`, for example: `dc.date.issued` becomes `dc.date.issued_dt`. Otherwise they are not treated as date values and won't accept for example a date range within their query.

`query`

The query parameter can contain any regular SOLR query, as you would use for discovery.

An example of querying items by their `dc.identifier` metadata:

```
/search?expand=metadata&query="dc.identifier:"1006908"
```

`fq`

Much like a regular query, a filter-query can be specified using the `fq` parameter.

Example call using the `dc.publisher` metadata:

```
/search?expand=metadata&fq="dc.publisher:"Cordier%20Patrick%20et%20A.M.%20Goryaeva"
```

It's possible to supply more than one filter-query within the same url.

sort

To sort the results on a specific metadata field, add the `sort` parameter with the following structure: `sort=[metadata-field][suffix]|[direction]`

Below is a table of what each part stands for:

query-part	Values and meaning
metadata-field	The metadata-field you want to sort by. This can be: "dc.title", "dc.date.issued" or "dc.date.accessioned"
suffix	When the field is a date-field, you have to add the suffix "_dt" to the metadata-field. For all other fields (plain text), you have to add the suffix "_sort"
direction	This is the direction you want to sort by, this can either be "asc" or "desc" for ascending and descending respectively

Two examples, one using the title (ascending) to sort and the other using date issued (descending):

```
/search?expand=all&sort=dc.title_sort|asc
```

```
/search?expand=all&sort=dc.date.issued_dt|desc
```