

REST Reports - Summary of API Calls

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GET /rest - Summary of API Calls

The response from this call includes the set of REST report calls that are available.

- [GET /reports](#) - Return a list of report tools built on the rest api
- [GET /reports/{nickname}](#) - Return a redirect to a specific report
- [GET /filters](#) - Return a list of use case filters available for quality control reporting
- [GET /filtered-collections](#) - Return collections and item counts based on pre-defined filters
- [GET /filtered-collections/{collection_id}](#) - Return items and item counts for a collection based on pre-defined filters
- [GET /filtered-items](#) - Retrieve a set of items based on a metadata query and a set of filters

GET /rest/reports - List of Available Reports

The response from this call includes the set of reports that are available

- **collections:** [/rest/static/reports/index.html](#)
- **item-query:** [/rest/static/reports/query.html](#)
- **login:** [/rest/static/reports/authenticate.html](#)

GET /rest/reports/[report name] - Redirect to a Specific Report

This will re-direct to the configured report

GET /rest/filters - Return filters to apply to a list of items

The response will return the list of available filters. These have been configured in rest.cfg.

Run Item Query

General

☐ None
☐ All

Item Property Filters

☐ Is Item - always true
☐ Withdrawn Items
☐ Available Items - Not Withdrawn
☐ Discoverable Items - Not Private
☐ Not Discoverable - Private Item
☐ Matches all specified filters

Basic Bitstream Filters

☐ Item has Multiple Original Bitstreams
☐ Item has No Original Bitstreams
☐ Item has One Original Bitstream

Bitstream Filters by MIME Type

☐ Item has a Doc Original Bitstream (PDF, Office, Text, HTML, XML, etc)
☐ Item has an Image Original Bitstream
☐ Has Other Bitstream Types (not Doc or Image)
☐ Item has multiple types of Original Bitstreams (Doc, Image, Other)
☐ Item has a PDF Original Bitstream
☐ Item has JPG Original Bitstream
☐ Has unusually small PDF
☐ Has unusually large PDF
☐ Has document bitstream without TEXT item

Supported MIME Type Filters

☐ Item Image Bitstreams are Supported
☐ Item has Image Bitstream that is Unsupported
☐ Item Document Bitstreams are Supported
☐ Item has Document Bitstream that is Unsupported

Bitstream Bundle Filters

☐ Has bitstream in an unsupported bundle
☐ Has unusually small thumbnail
☐ Has original bitstream without thumbnail
☐ Has invalid thumbnail name (assumes one thumbnail for each original)
☐ Has non generated thumbnail
☐ Doesn't have a license
☐ Has documentation in the license bundle

Permission Filters

☐ Item has Restricted Original Bitstream
☐ Item has Restricted Thumbnail
☐ Item has Restricted Metadata

GET /rest/filtered-collections - Return collections and item counts based on pre-defined filters

This request is similar to the call `/rest/collections` except that it allows the user to supply a comma separated list of filters to apply to the collection.

The response will contain

- The total count of items for each collection
- The count of items that match each filter
- The count of items that match all filters combined

GET /rest/filtered-collections/{collection_id} - Return items and item counts for a collection based on pre-defined filters

This request is similar to the call `/rest/collections/{collection_id}` except that it allows the user to supply a comma separated list of filters to apply to the collection.

The response will contain

- The total count of items for the collection
- The count of items that match each filter
- The count of items that match all filters combined

When combined with the `expand=items` parameter, this call will return the set of items that match a filter or set of filters. It may be necessary to paginate through these results.

GET /rest/filtered-items - Retrieve a set of items based on a metadata query and a set of filters

This request allows a collection owner to construct a complex metadata query against specific metadata fields applying a number of comparison operators.

The search features of DSpace allow an end user to discover items via search. This command allows the collection owner to audit and enforce metadata consistency within a collection.

The query will consist of the following components

- Metadata Field Query

- Field(s) to be searched
 - Search operator
 - Search value (if applicable)
- Collection scope (optional)
 - Comma separated list of collections to search
- Filters
 - A comma separated list of item filters that will be applied to all results.
 - It may be necessary to paginate through results when applying a highly selective filter