

Kean Bibframe Catalog API

Routes

/api/search/[es_index]/[doc_type]

Returns search results based on relevancy or an ordered list of items.

Request Params:

term: (optional) the search keywords
size: (default=10) the number of results to return
from: (optional) the starting point in the result set. Used for pagination
method: (optional) ['serach', 'list']
 search: (default) will return results based on relevance
 list: a 'fields' value must be supplied
fields: (optional) a CSV list of fields to return. returns the entire document if left blank
search_flds: (optional) a CSV list of fields to search. Higher relevancy is placed on these fields. defaults to fields paramater if left blank
sort_dir: (optional) the direction to sort the results. ['asc', 'desc', 'none']
sort_flds: (optional) a CSV list of fields for sorting the results. defaults to 'fields' paramater if supplied
filter_val: (optional) value to filter results on ***must supply a filter_fld value
filter_fld: (optional) the field to fileter results on *** used in conjunction with 'filter_val'
calc: (optional) use '+' field_names and double quotes to add text fld1 +", " + fld2 = "fld1, fld2" *** make sure the string is encoded for a url i.e. '+' is %2B
 The calculated result will be in the '_calc' field

Example Calls:

General search on all fields:

```
/api/search/[es_index]/[doc_type]?term=agriculture
```

Give a higher result to documents with the search term in specific fields:

```
/api/search/[es_index]/[doc_type]?term=agriculture&search_flds=rdfs_label, rdf_value
```

Return only specific fields:

```
/api/search/[es_index]/[doc_type]?term=agriculture&fields=label,value
```

Return a calculated item:

`/api/search/[es_index]/[doc_type]?term=agriculture&calc=label+": "+value`

Return a list of docs filtered on a value:

`...?method=list&fields=rdfs_label&filter_val=Cosmology&
filter_fld=bf_subject.rdfs_label&sort=asc`

`/api/item/[es_index]/[doc_type]`

Returns a single item from the specified index and doc_type

Request Params:

id: the id value associated with the id_field
id_field: the field supplying the identifier | default: `_id`
output: 'json' (default) or 'sample' -> sample provides an html display
 of data with full field names.

Example Calls:

Call for a document supplying only an 'id':

`/api/item/[es_index]/[doc_type]/lkajflk5342509daspfal239`
 or
`/api/item/[es_index]/[doc_type]?id=lkajflk5342509daspfal239`

Call for a document keying on a different field than the id:

`/api/item/[es_index]/[doc_type]?id=0958473827&
id_field=bf_hasInstance.bf_identifiedBy.value`

Call for a document by 'id' returning with html sample:

`/api/item/[es_index]/[doc_type]/lkajflk5342509daspfal239?output=sample`

es_index and doc_type

catalog --> work

reference --> topics

Sample Data for each index

catalog/work

Field

Mapping

id	keyword	catalog/v /7ff8ed0e
label	keyword	Text
uri	keyword	<http://j
value	keyword	Ikki : sc protest i
bf_contribution	None	{'label': [{'label'
bf_contribution.label	keyword	Contribut
bf_contribution.value	keyword	Role: Cor
bf_contribution.bf_agent	None	{'label': Universit
bf_contribution.bf_agent.label	['text', 'keyword']	Agent
bf_contribution.bf_agent.value	['text', 'keyword']	Cornell U
bf_contribution.bf_agent.rdf_type	['text', 'keyword']	<http://j /Agent>
bf_contribution.bf_agent.rdfs_label	['text', 'keyword']	Cornell U
bf_contribution.bf_role	None	{'label': 'id': '7e
bf_contribution.bf_role.id	keyword	7acbffa01
bf_contribution.bf_role.label	keyword	Role
bf_contribution.bf_role.uri	keyword	<http://j /relators
bf_contribution.bf_role.value	keyword	Contribut
bf_contribution.bf_role.mads_authoritativeLabel	['text', 'keyword']	Contribut
bf_contribution.bf_role.mads_code	['text', 'keyword']	ctb
bf_contribution.rdf_type	keyword	<http://j /Contribu
bf_hasInstance	None	{'value': political
bf_hasInstance.id	keyword	8d424431c
bf_hasInstance.label	keyword	Instance
bf_hasInstance.uri	keyword	<http://j
bf_hasInstance.value	keyword	Ikki : sc protest i
bf_hasInstance.bf_dimensions	text	25 cm.
bf_hasInstance.bf_hasItem	None	{'label': '<http://
bf_hasInstance.bf_hasItem.id	keyword	562bc4c05
bf_hasInstance.bf_hasItem.label	keyword	Item
bf_hasInstance.bf_hasItem.uri	keyword	<http://j
bf_hasInstance.bf_hasItem.value	keyword	LCC call
bf_hasInstance.bf_hasItem.bf_shelfMark	None	{'label': 'rdfs_la
bf_hasInstance.bf_hasItem.bf_shelfMark.label	keyword	LCC call
bf_hasInstance.bf_hasItem.bf_shelfMark.value	keyword	HN723.W56
bf_hasInstance.bf_hasItem.bf_shelfMark.bf_source	['text', 'keyword']	<http://j /organiza
bf_hasInstance.bf_hasItem.bf_shelfMark.rdf_type	keyword	<http://j /ShelfMar
bf_hasInstance.bf_hasItem.bf_shelfMark.rdfs_label	['text', 'keyword', 'lower']	HN723.W56

bf_hasInstance.bf_hasItem.rdf_type	keyword	<http://i /Item>
bf_hasInstance.bf_identifiedBy	None	{ 'label': '<http://
bf_hasInstance.bf_identifiedBy.label	['text', 'keyword']	ISBN
bf_hasInstance.bf_identifiedBy.value	['text', 'keyword']	080143154
bf_hasInstance.bf_identifiedBy.rdf_type	['text', 'keyword']	<http://i /Isbn>
bf_hasInstance.bf_identifiedBy.rdf_value	['text', 'keyword']	080143154
bf_hasInstance.bf_issuance	None	{ 'label': '<http://
bf_hasInstance.bf_issuance.label	keyword	Mode of i
bf_hasInstance.bf_issuance.uri	keyword	<http://i /mono>
bf_hasInstance.bf_issuance.value	keyword	mono
bf_hasInstance.bf_issuance.rdf_type	keyword	<http://i /Issuance
bf_hasInstance.bf_issuance.rdfs_label	['text', 'keyword']	mono
bf_hasInstance.bf_note	None	{ 'label': bibliogra
bf_hasInstance.bf_note.label	keyword	Note
bf_hasInstance.bf_note.value	keyword	Includes 325-344)
bf_hasInstance.bf_note.bf_noteType	text	bibliogra
bf_hasInstance.bf_note.rdf_type	keyword	<http://i /Note>
bf_hasInstance.bf_note.rdfs_label	['text', 'keyword']	Includes 325-344)
bf_hasInstance.bf_provisionActivity	None	{ 'label': { 'label':
bf_hasInstance.bf_provisionActivity.label	keyword	Provider
bf_hasInstance.bf_provisionActivity.value	keyword	Place: It
bf_hasInstance.bf_provisionActivity.bf_date	text	1995
bf_hasInstance.bf_provisionActivity.bf_place	None	{ 'label': Specified
bf_hasInstance.bf_provisionActivity.bf_place.label	keyword	Place
bf_hasInstance.bf_provisionActivity.bf_place.uri	keyword	None Spec
bf_hasInstance.bf_provisionActivity.bf_place.value	keyword	Ithaca
bf_hasInstance.bf_provisionActivity.bf_place.rdf_type	keyword	<http://i /Place>
bf_hasInstance.bf_provisionActivity.bf_place.rdfs_label	['text', 'keyword']	Ithaca
bf_hasInstance.bf_provisionActivity.rdf_type	keyword	<http://i /Provisio
bf_hasInstance.bf_provisionActivityStatement	text	Ithaca :
bf_hasInstance.bf_responsibilityStatement	text	James W.
bf_hasInstance.bf_title	None	{ 'rdfs_la and polit
bf_hasInstance.bf_title.label	keyword	Title ent
bf_hasInstance.bf_title.value	keyword	Ikki : sc protest i
bf_hasInstance.bf_title.bf_mainTitle	text	Ikki
bf_hasInstance.bf_title.bf_subtitle	text	social cc early moc

bf_hasInstance.bf_title.rdf_type	keyword	<http://j /Title>
bf_hasInstance.bf_title.rdfs_label	['text', 'keyword']	Ikki : sc protest i
bf_hasInstance.rdf_type	keyword	<http://j /Instance
bf_hasInstance.rdfs_label	['text', 'keyword', 'lower']	Ikki : sc protest i
bf_subject	None	{ 'rdfs_la History.'
bf_subject.id	keyword	reference /3c608980
bf_subject.label	keyword	Topic
bf_subject.uri	keyword	<http://j
bf_subject.value	keyword	Social co
bf_subject.rdf_type	keyword	<http://j /Topic>
bf_subject.rdfs_label	['text', 'keyword']	Social co
rdf_type	keyword	<http://j /Text>
rdfs_label	['text', 'keyword', 'lower']	Ikki : sc protest i

reference/topics

Field	Mapping	Data
id	keyword	reference/topics /98639f6e4a578f8cb446402831dc7cf36601c711
label	keyword	Topic
uri	keyword	<http://library.kean.edu/106#Topic650-19>
value	keyword	Gods, Bonpo.
rdf_type	keyword	<http://id.loc.gov/ontologies/bibframe/Topic>
rdfs_label	['text', 'keyword']	Gods, Bonpo.