CiTO API

Requirements

Web Service End Point

Search Methods

Download all the annotations by a single person on a single article

URL

Request Method

Required Authentication

Parameters

Required

Optional

Returns

txt format

json format

Request example

Response example

Request Example

Response example

Download all the annotations on a single article by many people

URL

Request Method

Required Authentication

Parameters

Required

Optional

Returns

txt format

json format

Request example

Response example

Download all the annotations by a single person on all the articles (s)he has annotated

URL

Request Method

Required Authentication

Parameters

Required

Optional

Returns

txt format

json format

Request example

Response example

Download all the annotations by many people on all the articles annotated

URL

Request Method

Required Authentication

Parameters

Required

Optional

Returns

txt format

json format

Request example

Response example

# Requirements

* download all the annotations
  + by a single person on a single article, or
  + by many people on a single article, or
  + by a single person on all the articles (s)he has annotated?
* download options
  + as plain text file
  + as plain text file with formatting
  + as HTML
  + as RDF

# Web Service End Point

<http://www.miidi.org/cito/api>

# Search Methods

* List triples that have been endorsed by a certain number of users
* Download all the annotations by a single person on a single article
* Download all the annotations on a single article by many people
* Download all the annotations by a single person on all the articles (s)he has annotated
* Download all the annotations by many people on all the articles annotated

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### List triples that have been endorsed by a certain number of users

#### URL

http://www.miidi.org/cito/api/search?query=endorsed&count=<count>

#### Request Method

GET

#### Required Authentication

No

#### Parameters

##### Required

* **query** - equal to ‘endorsed’
* **count** - number of users that have endorsed this triple

##### Optional

* format - format to return result (default is plain text)
  + **txt** plain text file
  + **txtf** plain text file with formatting
  + **ttl**  RDF turtle
  + **json** JSON

#### Returns

##### txt format

subject|predicate|object

subject|predicate|object

subject|predicate|object

##### json format

{  
{  
"subject" : "<subject>",  
"predicate" : "<predicate>",  
"object" : "<object>"  
},  
{  
"subject" : "<subject>",  
"predicate" : "<predicate>",  
"object" : "<object>"  
},  
}

#### Request example

<http://www.miidi.org/cito/api/search?query=endorsed&count=10>

#### Response example

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/>|<http://purl.org/spar/cito/citesAsAuthority>|<http://www.ncbi.nlm.nih.gov/pubmed/15760272>  
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/>|<http://purl.org/spar/cito/cites>|<http://www.ncbi.nlm.nih.gov/pubmed/15760272>

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### Download all the annotations by a single person on a single article

#### URL

http://www.miidi.org/cito/api/search?subject=<subject>&userid=<userid>&format=<format>

#### Request Method

GET

#### Required Authentication

No

#### Parameters

##### Required

* **subject** URL-encoded URL for the article
* **userid** unique ID for the author stored in author’s browser localStorage

##### Optional

* format - format to return result (default is plain text)
  + **txt** plain text file
  + **txtf** plain text file with formatting
  + **ttl**  RDF turtle
  + **json** JSON

#### Returns

##### txt format

userid|timestamp|subject|predicate|object

userid|timestamp|subject|predicate|object

userid|timestamp|subject|predicate|object

##### json format

{  
{  
"userid":"<userid>",  
"timestamp": "<timestamp>",  
"subject" : "<subject>",  
"predicate" : "<predicate>",  
"object" : "<object>"  
},  
{  
"userid":"<userid>",  
"timestamp": "<timestamp>",  
"subject" : "<subject>",  
"predicate" : "<predicate>",  
"object" : "<object>"  
},  
}

#### Request example

[http://www.miidi.org/cito/api/search?subject=%3Chttp://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/%3E&userid=KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1&format=txt](http://www.miidi.org/cito/api/search?subject=<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/>&userid=KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1&format=txt)

#### Response example

KDYXFJ4IM2RIAUBYRYUWPWO37BLNSD|Fri, 04 Jan 2013 17:25:48 GMT|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/>|<http://purl.org/spar/cito/usesDataFrom>|<http://www.ncbi.nlm.nih.gov/pubmed/12120480>

#### Request Example

[http://www.miidi.org/cito/api/search?subject=%3Chttp://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/%3E&userid=KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1&format=json](http://www.miidi.org/cito/api/search?subject=<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/>&userid=KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1&format=json)

#### Response example

{  
{  
"userid":"KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1",  
"timestamp": "2013-01-28 12:40:00",  
"subject" : "<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/>",  
"predicate" : "<http://purl.org/spar/cito/citesAsAuthority>",  
"object" : "<http://www.ncbi.nlm.nih.gov/pubmed/15760272>"  
},  
{  
"userid":"KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1",  
"timestamp": "2013-01-28 12:40:02",  
"subject" : "<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/>",  
"predicate" : "<http://purl.org/spar/cito/citesForInformation>",  
"object" : "<http://www.ncbi.nlm.nih.gov/pubmed/15760272>"  
},  
}

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### Download all the annotations on a single article by many people

#### URL

http://www.miidi.org/cito/api/search?subject=<subject>&format=<format>

#### Request Method

GET

#### Required Authentication

No

#### Parameters

##### Required

* **subject** = equal to URL of article

##### Optional

* format - format to return result (default is plain text)
  + **txt** plain text file
  + **txtf** plain text file with formatting
  + **ttl**  RDF turtle
  + **json** JSON

#### Returns

##### txt format

userid|timestamp|subject|predicate|object

userid|timestamp|subject|predicate|object

userid|timestamp|subject|predicate|object

##### json format

{  
{  
"userid":"<userid>",  
"timestamp": "<timestamp>",  
"subject" : "<subject>",  
"predicate" : "<predicate>",  
"object" : "<object> "  
},

}

#### Request example

[http://www.miidi.org/cito/api/search?subject=%3Chttp://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/%3E](http://www.miidi.org/cito/api/search?subject=<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/>)

#### Response example

KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1|2013-01-28 12:40:00|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/>|<http://purl.org/spar/cito/citesAsAuthority>|<http://www.ncbi.nlm.nih.gov/pubmed/15760272>  
KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1|2013-01-28 12:40:02|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/>|<http://purl.org/spar/cito/citesForInformation>|<http://www.ncbi.nlm.nih.gov/pubmed/15760272>

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### Download all the annotations by a single person on all the articles (s)he has annotated

#### URL

http://www.miidi.org/cito/api/search?subject=all&userid=<userid>&format=<format>

#### Request Method

GET

#### Required Authentication

No

#### Parameters

##### Required

* **subject** - equal to ‘all’
* **userid** unique ID for the author stored in author’s browser localStorage

##### Optional

* format - format to return result (default is plain text)
  + **txt** plain text file
  + **txtf** plain text file with formatting
  + **ttl**  RDF turtle
  + **json** JSON

#### Returns

##### txt format

userid|timestamp|subject|predicate|object

userid|timestamp|subject|predicate|object

userid|timestamp|subject|predicate|object

##### json format

{  
{  
"userid":"<userid>",  
"timestamp": "<timestamp>",  
"subject" : "<subject>",  
"predicate" : "<predicate>",  
"object" : "<object>   
"  
},

#### Request example

<http://www.miidi.org/cito/api/search?subject=all&userid=KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1>

#### Response example

KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1|2013-01-28 12:40:00|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/>|<http://purl.org/spar/cito/citesAsAuthority>|<http://www.ncbi.nlm.nih.gov/pubmed/15760272>  
KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1|2013-01-28 12:40:02|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/>|<http://purl.org/spar/cito/citesForInformation>|<http://www.ncbi.nlm.nih.gov/pubmed/15760272>  
KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1|2013-01-28 14:11:24|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC280884/>|<http://purl.org/spar/cito/citesAsAuthority>|<http://www.ncbi.nlm.nih.gov/pubmed/712110>  
KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1|2013-01-28 14:11:24|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC280884/>|<http://purl.org/spar/cito/citesForInformation>|<http://www.ncbi.nlm.nih.gov/pubmed/712110>  
KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1|2013-01-28 14:11:24|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC280884/>|<http://purl.org/spar/cito/corrects>|<http://www.ncbi.nlm.nih.gov/pubmed/712110>  
KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1|2013-01-28 14:11:29|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC280884/>|<http://purl.org/spar/cito/corrects>|<http://www.ncbi.nlm.nih.gov/pubmed/6966293>

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### Download all the annotations by many people on all the articles annotated

#### URL

[http://www.miidi.org/cto/api/search?subject=all&userid=all](http://www.miidi.org/cto/api/search/article/all/all)&format=<format>

#### Request Method

GET

#### Required Authentication

No

#### Parameters

##### Required

* userid - equal to ‘all’
* subject - equal to ‘all’

##### Optional

* format - format to return result (default is plain text)
  + **txt** plain text file
  + **txtf** plain text file with formatting
  + **ttl**  RDF turtle
  + **json** JSON

#### Returns

##### txt format

userid|timestamp|subject|predicate|object

userid|timestamp|subject|predicate|object

userid|timestamp|subject|predicate|object

##### json format

{  
{  
  
"userid":"<userid>",  
"timestamp": "<timestamp>",  
"subject" : "<subject>",  
"predicate" : "<predicate>",  
"object" : "<object>   
"  
},

#### Request example

<http://www.miidi.org/cito/api/search?subject=all&userid=all>

#### Response example

KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1|2013-01-28 12:40:00|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/>|<http://purl.org/spar/cito/citesAsAuthority>|<http://www.ncbi.nlm.nih.gov/pubmed/15760272>  
KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1|2013-01-28 12:40:02|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2808925/>|<http://purl.org/spar/cito/citesForInformation>|<http://www.ncbi.nlm.nih.gov/pubmed/15760272>  
KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1|2013-01-28 14:11:24|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC280884/>|<http://purl.org/spar/cito/citesAsAuthority>|<http://www.ncbi.nlm.nih.gov/pubmed/712110>  
KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1|2013-01-28 14:11:24|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC280884/>|<http://purl.org/spar/cito/citesForInformation>|<http://www.ncbi.nlm.nih.gov/pubmed/712110>  
KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1|2013-01-28 14:11:24|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC280884/>|<http://purl.org/spar/cito/corrects>|<http://www.ncbi.nlm.nih.gov/pubmed/712110>  
KDYXFJ4IM2RIAUBYRYUWPWO37BLNSDG1|2013-01-28 14:11:29|<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC280884/>|<http://purl.org/spar/cito/corrects>|<http://www.ncbi.nlm.nih.gov/pubmed/6966293>