

The Content API allows clients to search, export and get launch links for licensed courses.

Getting Started

To get started you will need to contact our Technical Support team (support@bizlibrary.com). Support will configure and provide the two items that you will need to interact with the API. Technical Support will request a contact name and email address for the API Key issued.

Technical Support will give you:

1. Billing ID
2. API Key

*** You have more than one Billing ID given to you as content licensing requires.**

API Endpoint/URL

<https://content-api.bizlibrary.com/latest/>

Technical Documentation

The technical documentation is located at: <https://content-api.bizlibrary.com/latest/about>.



The documentation is publicly available. It contains a way that you can try the Content API without writing any code once you have your Billing ID and API Key.

Base Data Format

The Content API uses the JSONAPI (<http://jsonapi.org/>) format. Common JSONAPI implementations are available (<http://jsonapi.org/implementations/>).

Security & Throttling

Controlling Access

Security to the Content API requires you to supply your API Key as the "x-api-key" header value.

API Rotation

We rotate API Keys based on internal security policies and needs. **Our Technical Support team will notify you 15 days in advance of a required key rotation.**

Service Limits

BizLibrary monitors and limits requests per day, throttles request rates per second, and allows a burst rate requests at a higher level. If you run into errors due to throttling, please contact our Technical Support team (support@bizlibrary.com) for assistance.

Content Lifecycle Event

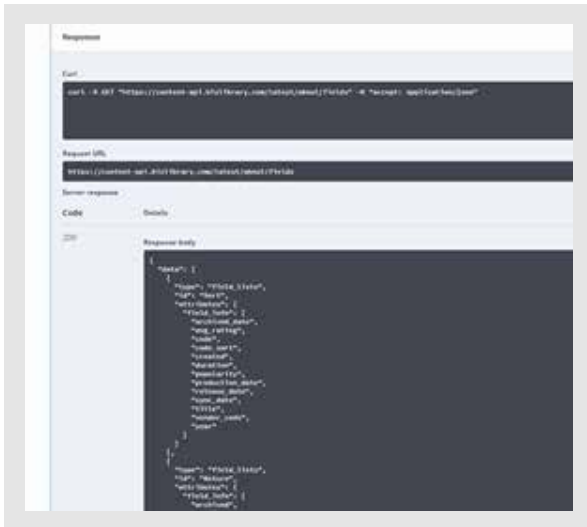
- › Production Date (production_date) – when the content was created by the producer
- › Release Date (release_date) – when the content was released by BizLibrary
- › Archival Date (archived_date) – when the content was archived* or scheduled for archival
- › Synchronization Date (sync_date) – when the content was last updated
 - *Content with an archive date in the past can no longer be launched.
- › All dates are milliseconds since 1970-01-01
- › JavaScript example:
`(new Date('2021-04-01')).getTime()`

EXAMPLE	SCRIPT
Get 10 most recently updated courses since 2021-04-01	<code>Size=10&sort=sync_date%20desc&filterQuery=(and%20sync_date:%5B1617235200000,%7D)</code>
Show up to 100 courses targeted for archive after 2021-07-01	<code>Size=100&filterQuery=(and%20archived_date:%5B1625097600000,%7D)</code>
Show up to 100 courses targeted for archive between 2021-07-01 and 2021-09-01	<code>Size=100&filterQuery=(and%20archived_date:%5B1625097600000,1630454400000%5D)</code>

Information Functions

All information functions are publicly available and do not require API Keys or Billing IDs.

Field Testing



- GET /about/fields – returns all course attributes currently available
- GET /about/fields/return – returns all course attributes currently available that may be returned
- GET /about/fields/search – returns all course attributes currently available that may be searched
- GET /about/fields/sort – returns all course attributes currently available that may be sortable
- GET /about/fields/facet – returns all course attributes currently available that are faceted

Data Functions

All Methods

- billing_id is part of the URL as supplied by Technical Support
- The header “x-api-key” should be included on all requests
- All QueryString values should be URL encoded

Content Listing

GET - /{billing_id}/courses

References:

<https://wiki.apache.org/solr/CommonQueryParameters>

<https://docs.aws.amazon.com/AWSJavaScriptSDK/latest/AWSCloudSearchDomain.html#search-property>

PARAMETER	DATA TYPE/FORMAT	DATA DESCRIPTION
filterQuery	string	“This parameter can be used to specify a query that can be used to restrict the super set of documents that can be returned, without influencing score. It can be very useful for speeding up complex queries since the queries specified with fq are cached independently from the main query. Caching means the same filter is used again for a later query (i.e. there's a cache hit).” https://wiki.apache.org/solr/CommonQueryParameters
cursor	string	Pointer to next result set in pagination. Pass in 'initial' for first result set. Mutually exclusive with 'start'.
expr	string	Defines one or more numeric expressions that can be used to sort results or specify search or filter criteria. You can also specify expressions as return fields. https://docs.aws.amazon.com/AWSJavaScriptSDK/latest/AWS/CloudSearchDomain.html#search-property
facet	string	
start	int	Used in pagination. Start index. 0 = default
size	int	Number of records to return in result. Mutually exclusive with 'cursor'.
query	string	Search expression
return	string	Comma delimited list of attributes to return, default all.
sort	string	Sorting

Examples

GET /{billing_id}/courses?{querystring}

SCENARIO	QUERYSTRING
List all content in the Business Skills Topic. <i>topic0 = "Business Skills"</i>	filterQuery=(and%20topic0%3A%20%27Business%20Skills%27)
Newest single course	size=1&sort=created%20desc
Top 10 Popular courses	size=10&sort=popularity%20desc
Retrieve Top 10 Most Popular courses for "New Manager" that is "Mobile Friendly"	filterQuery=(and%20technology%3A%27Mobile%20Friendly%27)&size=10&query=new%20manager&sort=popularity%20desc

Single Content Details

GET /{billing_id}/courses/{code}

- Returns a single course by course code
- All attributes for the course are returned

Poster Images

GET /{billing_id}/courses/{code}/poster

- Returns the poster image for a course by course code
- Images are returned as base64 strings

Launch Links

GET /{billing_id}/courses/{code}/launch_link/{standard}

- Returns formatted launch links for courses by standards supported
- Valid values: AICC, SCORM1.2, SCORM2004

Export

POST /{billing_id}/courses/export

- Raw JSON Body Post
- Content-Type application/json.api+json adheres to JSONAPI format requirements

Example AICC Export for Business Skills Content

```
{
  "filterQuery": "(and topic0:'Business Skills')",
  "query": "-nomatch",
  "standard": "AICC",
  "recipients": "example@bizlibrary.com",
  "packaging_options": "all_items",
  "single_content_file": "true",
  "optional_boost": "true",
  "zip_each_course": "true"
}
```

PARAMETER		DESCRIPTION
filterQuery		Same filterQuery format as search
standard	AICC, SCORM12, SCORM2004	Same filterQuery format as search AICC, SCORM12, SCORM2004 – same as launch_links. No default value. Must indicate.
recipients		Comma delimited list of email address that will receive notification and download link for course export. Expect delivery under 5-10 minutes.
packaging_option	Course Attributes	Any course attribute name that will group content. Any identifiable non-attribute name will group the content into a single file. Default: 'all_items' – single grouping
single_content_file	true_false	Used in pagination. Start index. 0 = default
optional_boost	true_false	Determines if the learner should be presented with an optional learning reinforcement enrollment form. Default: false
zip each course	true_false	Search expression. Default: true