



Metabase API Specs

Seamlessly deliver targeted news and social media with LexisNexis® Metabase

LexisNexis Metabase offers a single, unified API with an enriched XML data feed that provides near real-time access to news and social media from around the globe. The flexible integration and output options of Metabase make it an ideal solution for powering your application, platform, research or analytics.

TECHNICAL REQUIREMENTS

The following tech specifications are general estimates.

- 500 articles equates to approximately 3 Mbytes
- Typically, customers write around 20 Mbytes per minute to disk, up to 30 Mbytes at peak time
- Average bandwidth is 0.7 Mbps, at peak times up to 1 Mbps
- Size is around 25 GB of data per day uncompressed or 4 GB of data per day compressed
- Calls to Metabase should be a GET. POST is not supported and may result in certain parameters being ignored
- On average, articles are available to customers about two minutes after originally coming into the LexisNexis system. This is the time it takes for the article to be enriched—indexed, categorised, duplicate-checked and tagged.
- The article volume per day varies, but averages approximately 3.5 million articles daily

OUTPUT OPTIONS

Metabase customers have several output options:

- **HTTPS** – Customers can call the Metabase database using HTTPS as well as HTTP.
- **Paragraph Breaks** – The content of an item that is contained in the <content> tag by default includes line breaks to show where the original text on the web page has paragraph breaks (as set-up by <p> and
 tags in the original article's HTML). Alternatively, it is possible to retrieve the article content text without the line breaks, as flat unformatted text.
- **HTML Markup** – by default content is stripped of all HTML markup (e.g. <a>, <p>, , , etc.) There is an optional field named <contentWithMarkup> which is available if you would like to receive the content with the original HTML markup intact.
- **Compression** – Metabase supports compression for all HTTP or HTTPS requests. Compression can save you bandwidth, and for services like Metabase where content is downloaded continuously, bandwidth can be beneficial.
- **XML** – The default format for Metabase payload is XML and content will be delivered in XML without any additional commands. However, adding “&format=xml” to a Metabase call will also specify that the payload be delivered in XML format.
- **JSON** – The Metabase payload can also be delivered in a JSON format by adding “&format=json” to a Metabase call.

“The enormous source universe and rich metadata make LexisNexis the highest quality Data as a Service provider for our needs.”

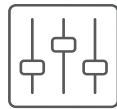
GREGORY T. ERVIN
CHIEF TECHNOLOGY OFFICER, AURORA WDC

METABASE API SOLUTIONS



Metabase Firehose

- Full firehose of Metabase data including online, licensed and broadcast news, plus social media such as blogs and forums all normalized into one data stream
- Delivery in JSON, XML, RSS or Atom
- Near real-time content coverage with ability to call every 10 seconds or stream content directly



Metabase Filters

- Users have the ability to create their own filters, using Boolean logic, to isolate the precise content they need over the “Firehose” content
- Over 40 filter operators and six logical operators, matching filters identified in XML/JSON output
- Only articles that match filters delivered in near real-time output
- RESTful API to manage filters
- Enhanced Metabase Portal UI to see API keys and manage filters
- Users can now cut through the potential noise of “Firehose” and create highly targeted filters to only receive the precise content they need



Metabase Search

- Users can “go back” and search over the previous 100 days of web & licensed content with instant and complete access to the “Firehose” data set with the option to add on 8 years of our Licensed Archive
- Create a query in Metabase call to find content that matches your keywords
- Over 30 query operators and six logical operators
- Make calls every 10 seconds to receive batches of 200 articles at a time in either ascending or descending order
- Users can now backfill their Metabase Filters or take advantage of MB Search to monitor keywords on a rolling basis

Solutions	Metabase Firehose API	Metabase Filters API	Metabase Search API
Boolean querying	No	Yes	Yes
Rich XML	Yes	Yes	Yes
JSON	Yes	Yes	Yes
RSS/Atom	Yes	Yes	Yes
Full Text	Yes	Yes	Yes
LN Licensed	Yes	Yes	Yes
UI	No	Yes	No
Call Limit	10 Seconds	10 Seconds	Based on Contract
Volume Limit	500 per call	500 per call	200 per call
Backfill	No	No	100 Days/5 years
Streaming	Yes	Yes	No

LEXISNEXIS

METABASE API SOLUTIONS

Description	MB Firehose API	MB Filters API	MB Search API
Articles Volume	Up to 4m per day	Up to 4m per day	Clients typically download a maximum of up to ~1m per day
Can deliver results from multiple searches	No, firehose	Yes	Yes, search criteria passed with every call
Call Protocols	HTTP/HTTPS	HTTP/HTTPS	HTTP/HTTPS
Output Formats	XML, JSON, RSS, Atom	XML, JSON, RSS, Atom	XML, JSON, RSS, Atom
How is content filtered	N/A	Pre-configured by client	Dynamically, based on search criteria
Full Content	Yes	Yes	Yes
Call Limit	1 call every 10 seconds	1 call every 10 seconds	Based off Pricing
Article Limit	Unlimited	Unlimited	Unlimited but constrained by Pricing
Articles Per Call	500	500	200
Filter Limit	N/A	Contract dependent	One search per call. Calls limited by contract
Retrieve articles how far back?	3 days	3 days	100 days Webnews, 9 years for Licensed

Enrichments

Geolocation	Yes	Yes	Yes
SmartIndex SUBJECT & INDUSTRY	Yes	Yes	Yes
Entity Recognition	Yes	Yes	Yes
Sentiment	Yes	Yes	Yes
Moz Rank	Yes	Yes	Yes
Stock Ticker Tags	Yes	Yes	Yes
Reach—print and online news, media value, ad rate (print)	Yes, subject to contract	Yes, subject to contract	Yes, subject to contract
LN entity extraction	Yes, subject to contract	Yes, subject to contract	Yes, subject to contract
Article language	Yes	Yes	Yes
source category	Yes	Yes	Yes
source country	Yes	Yes	Yes
source rank	Yes	Yes	Yes
source section	Yes	Yes	Yes
topics	Yes	Yes	Yes
duplicate grouping	Yes	Yes	Yes

FAQs

I need millions of articles a day	Yes	Yes	No
I need articles as close to real time as possible	Yes	Yes	Yes, subject to contract
I need all your metadata tags	Yes	Yes	Yes

About LexisNexis®

With an unmatched global content collection enhanced through normalisation and metadata enrichments, Nexis® Data as a Service (DaaS) delivers the highly relevant, archival and current data organisations require for a broad range of artificial intelligence applications.

Contact us

Get in touch for access to our developer's portal, sample files and schema.

 internationalsales.lexisnexis.com

 +31 20 485 3456

 information@lexisnexis.com

