Microlog REST API Collection

The Microlog API is organized around REST. Presently, language dependent client libraries are not provided.

Use the **test** or **live** Microlog API by using the corresponding `test_` or `live_` API key. Note that during our **soft launch**, only the test environment is available.

Authentication

Authenticate Microlog API requests using keys managed in the Microlog Portal (Web Admin Portal). All calls require **HTTPS**.

- **Error 401 (Unauthorized):** Returned for failed or missing authentication.
- **Error 404 (Not Found):** Returned for an invalid logbox name.

Connected Account

In the Microlog platform, businesses are represented by **Accounts**. The API only supports accounts that are **Active** and **Connected**.
Accounts are "Connected" if:

- They share a **primary/proxy** relationship.
- They were **manually linked** via the WAP Account table

Endpoints

There are 2 API concerning writing to and searching for log messages inside a specific Logbox.

Write a Log Message

Base URL

https://api.microlog.io/api/v1/logs/write

HTTP Verb

POST

HTTP Request Headers

Authorization	Bearer: {apiKey}
Content-Type	application/json

Both the live and test API keys of an account can be found in the account profile on the Account Table page.

Request Body Parameters

---

log_message string

A text message with length up to the maximum allowable limit in the receiving Logbox (i.e. Settings). Messages longer than the limit will be truncated to the allowable max length before storing.

---

logbox_name nullable string

The name of the receiving Logbox. When unspecified, it defaults to the name of the Logbox of the API caller.

---

tags nullable string

Additional key/value pairs to be tagged with the log message for filtering purposes. These tags are predefined.

client nullable string

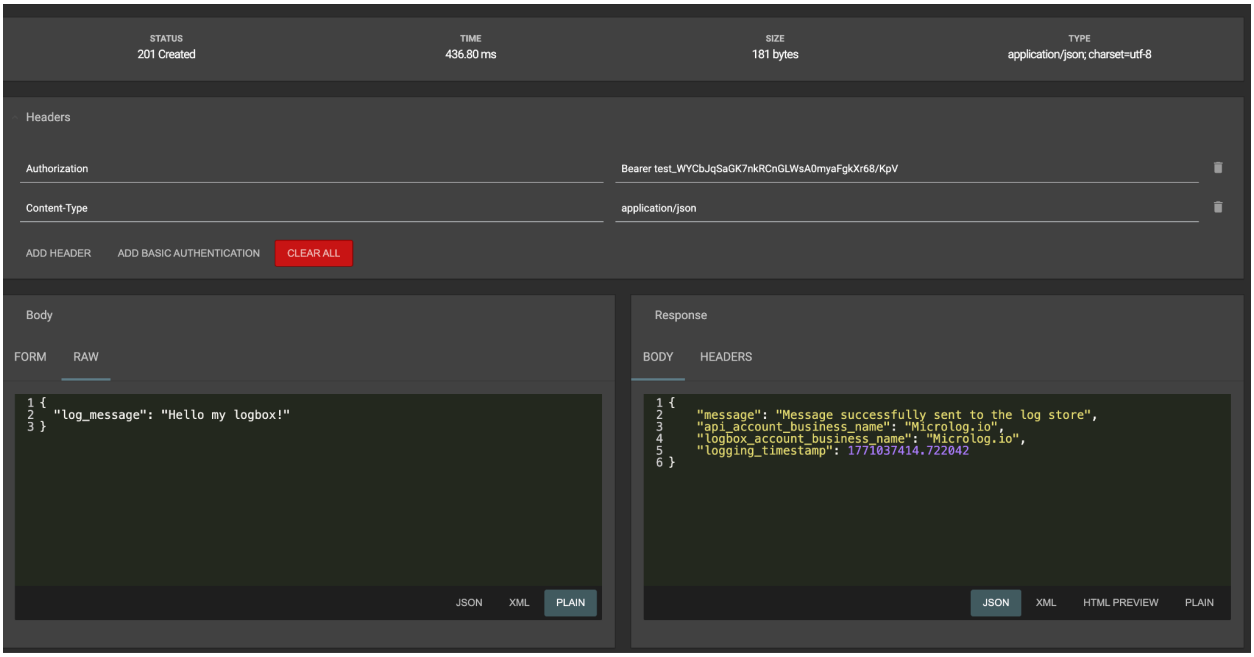
A name with which the log message is to be associated with. This is particularly helpful if you are logging in your own logbox and not needed otherwise.

topic nullable string
A topic with which the log message is to be associated with.

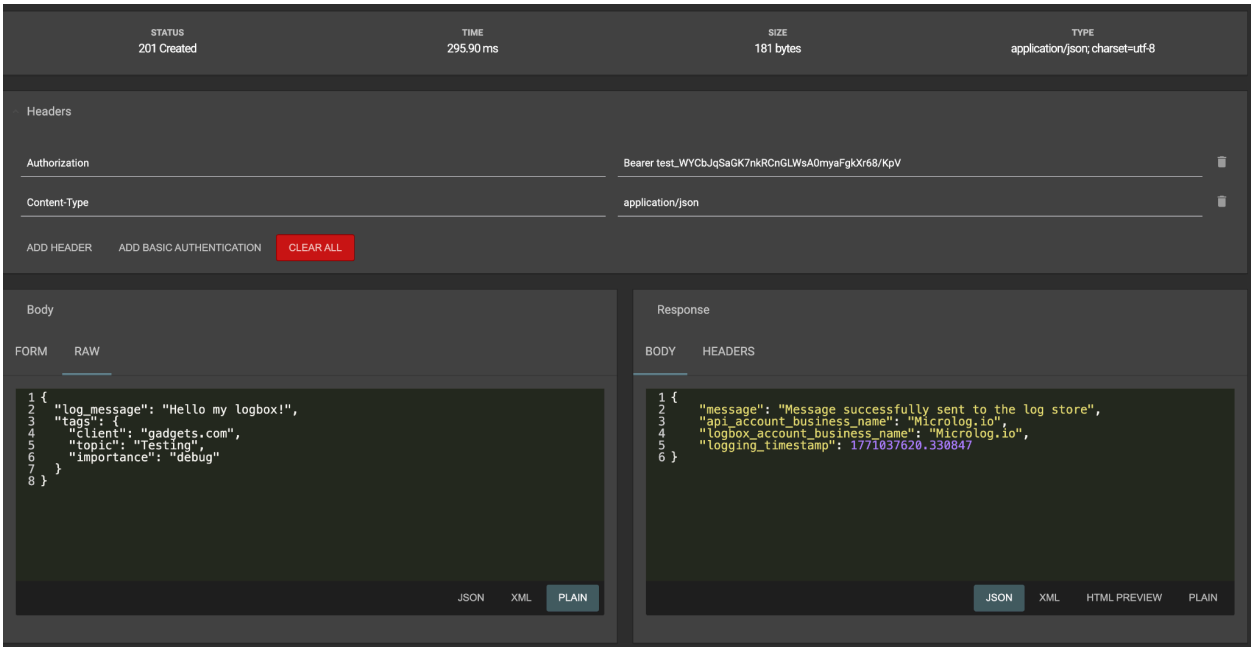
importance nullable string
An importance indicator with which the log message is to be associated.

Examples: POST https://api.microlog.io/api/v1/logs/write

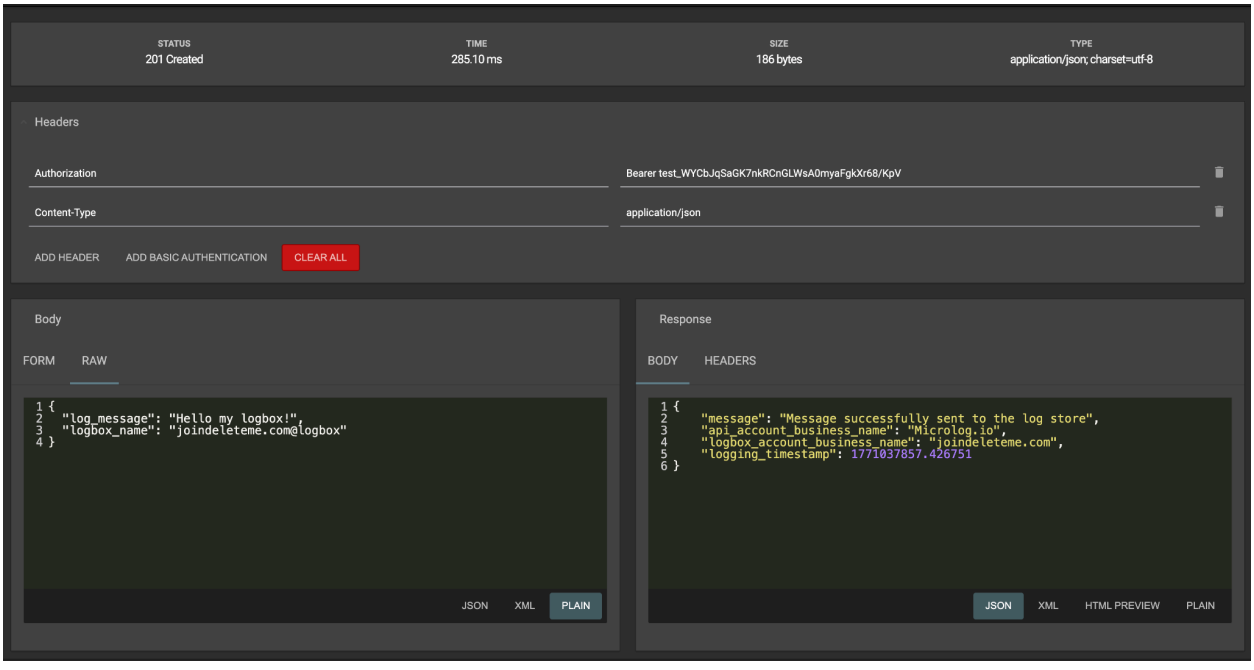
Example 1 Write a log message in your own logbox.



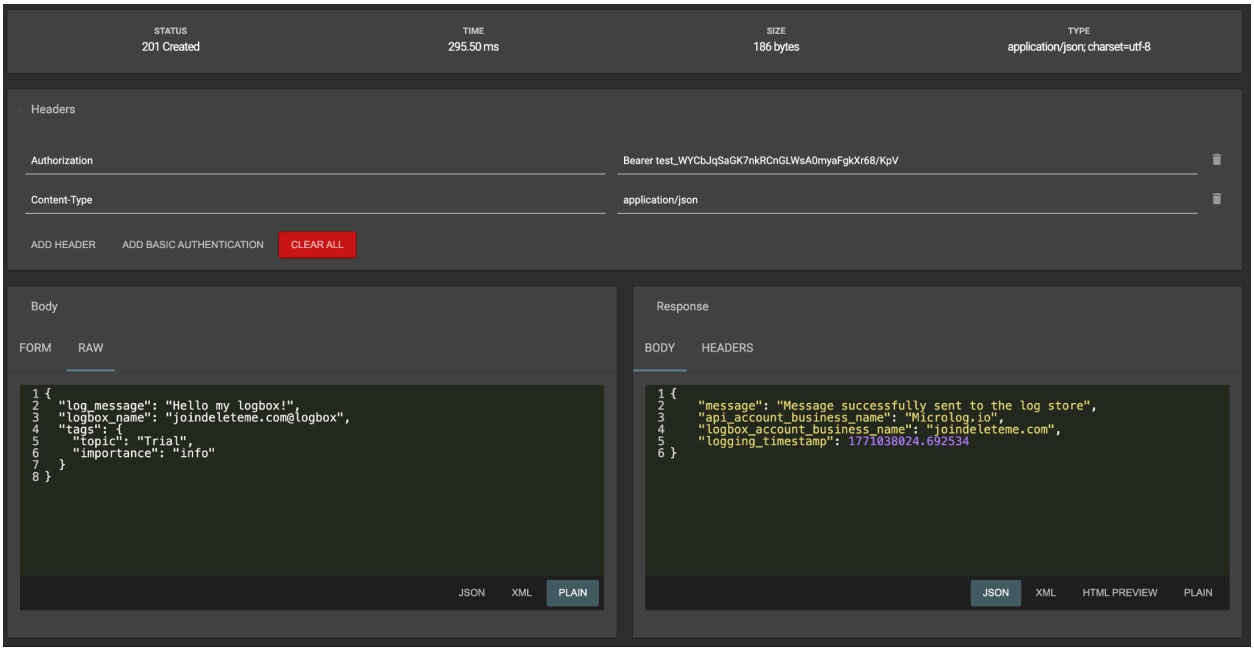
Example 2 Write a log message in your own logbox and tag it with the client name “gadgets.com”, topic name “Testing”, and importance level “debug”.



Example 3 Write a log message in the logbox of “joindeleteme.com”.



Example 4 Write a log message in the logbox of “joindeleteme.com” and tag it with topic name “Trial” and importance level “info”.



Search A Logbox

Base URL

https://api.microlog.io/logs/search

HTTP Verb

POST

HTTP Request Headers

Authorization	Bearer: {apiKey}
Content-Type	application/json

Request Body Parameters

---

begin_timestamp integer

A timestamp indicating the start of a search period in epoch seconds

---

end_timestamp integer

A timestamp indicating the end of a search period in epoch seconds

---

logbox_name nullable string

The name of the target (receiving) Logbox

When unspecified, it defaults to the name of the Logbox of the API caller.

If this logbox is not owned by the API caller only messages that were logged by the API caller will be returned.

---

page_number integer

The desirable page to be retrieved from a multi-page search results.

When unspecified, it defaults to 0, the first page of the search results.

When there are more results, a “more” indicator set to true will be included in the response.

---

search_phrase nullable string

A text string to be applied in a full_text search on the log message content.

The length of the phrase can be up to the maximum allowable limit in the Logbox (i.e. Settings) of the API caller.

---

by nullable string

When you are searching for messages in your own logbox, you can narrow the search further by specifying the account ID of the logger (**by** means “logged by”.) However, this parameter will be ignored if you are searching a logbox that is not your own.

---

client nullable string

The value of the client tag of the log message *must* match to qualify as a successful search.

or

client_ nullable string*

The value of the client tag of the log message *should* match to qualify as a successful search.

or

_client nullable string

The value of the client tag of the log message *must not* match to qualify as a successful search.

---

topic nullable string

The value of the topic tag of the log message *must* match to qualify as a successful search.

or

topic_ nullable string*

The value of the topic tag of the log message *should* match to qualify as a successful search.

or

_topic nullable string

The value of the topic tag of the log message *must not* match to qualify as a successful search.

---

importance nullable string

The value of the importance tag of the log message *must* match to qualify as a successful search.

or

importance_ nullable string*

The value of the importance tag of the log message *should* match to qualify as a successful search.

or

_importance nullable string

The value of the importance tag of the log message *must not* match to qualify as a successful search.

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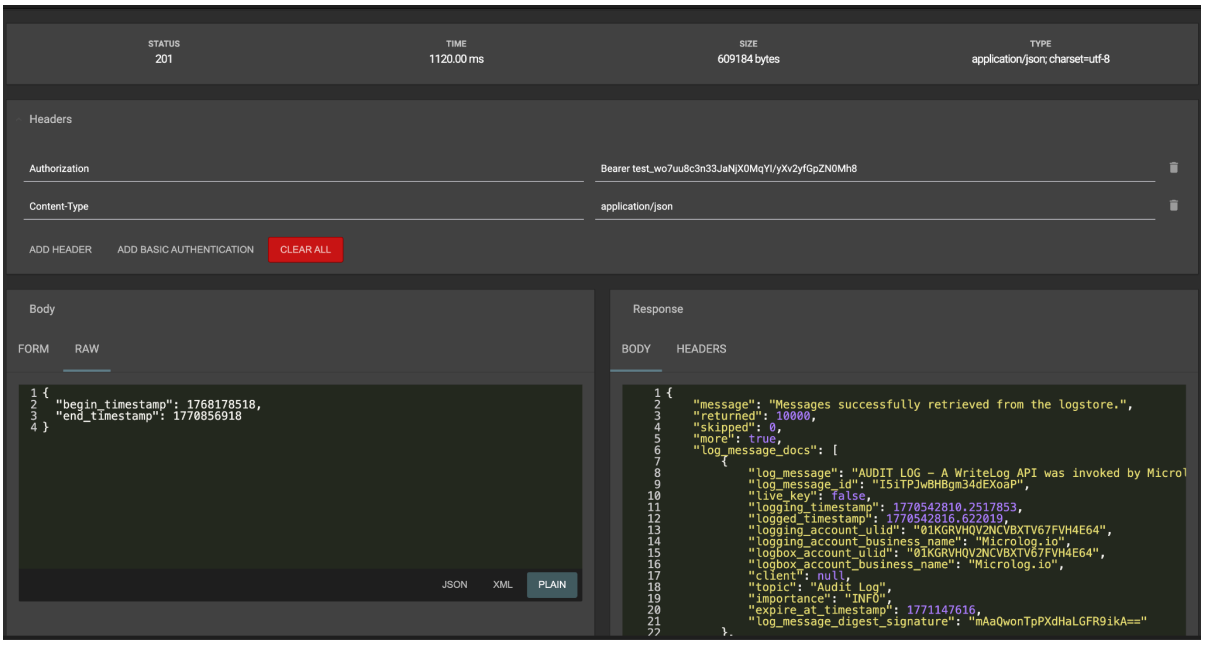
* *When the "should match" condition is applied to only one tag filter it is treated as a "must match". If it is applied to more than one tag filter, it means the search will be qualified as a success if one or more matches are found.*

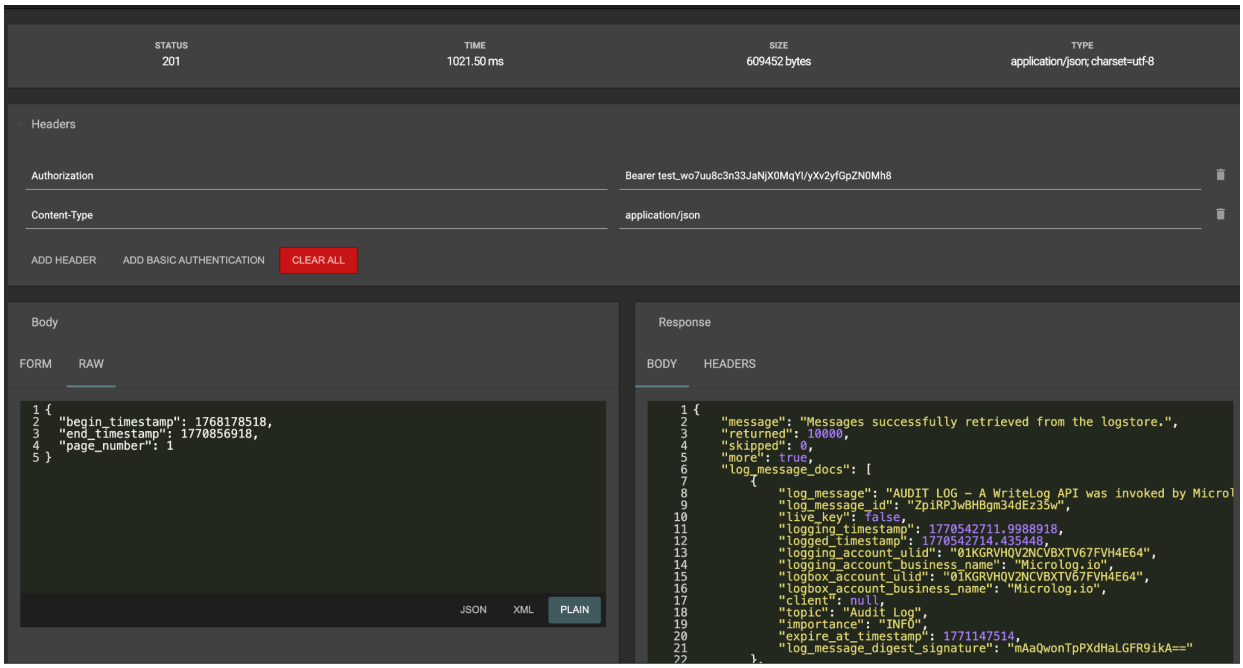
Examples: POST https://api.microlog.io/api/v1/logs/search

returned	total # of results found during the period and ready to be retrieved
skipped	# of messages skipped due to message integrity check failures
more	false means this is the last page of results; true means there are still more pages to retrieve by using the page_number parameter.

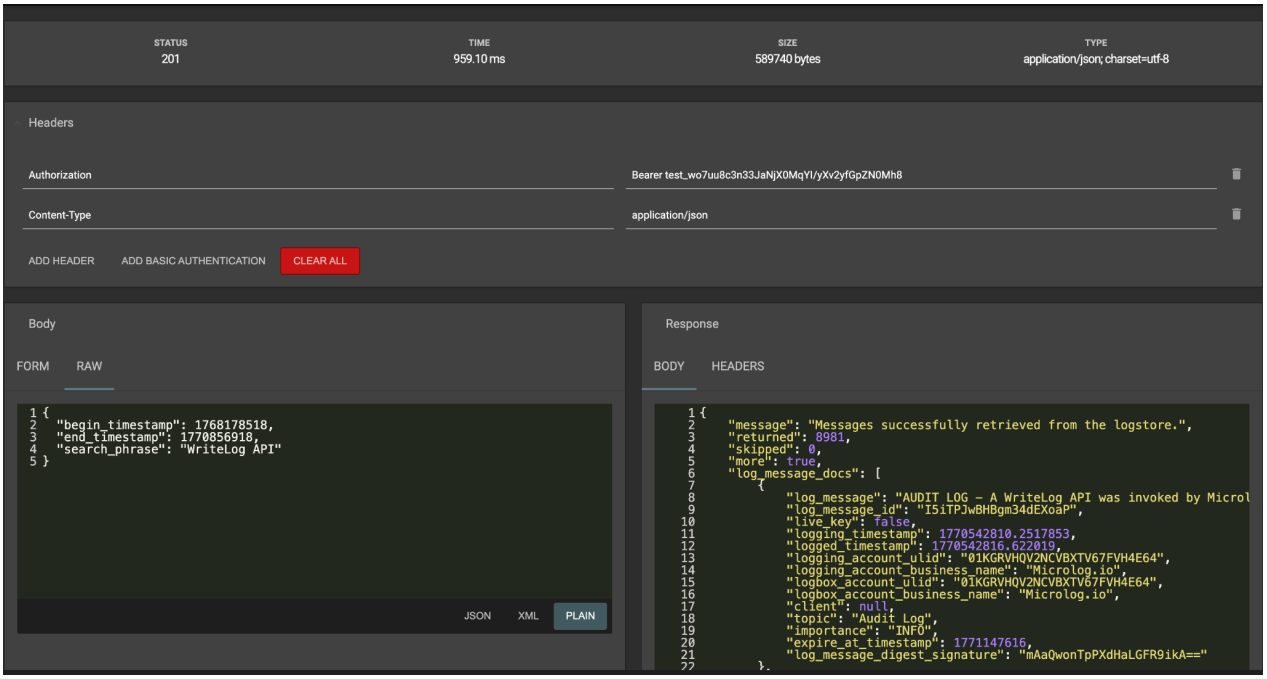
Example 1 Search your own logbox for messages between 1/11/2026 4:41:58pm PST and 2/11/2026 4:41:58pm PST. Note the API must pass the begin / end timestamp in epoch seconds.



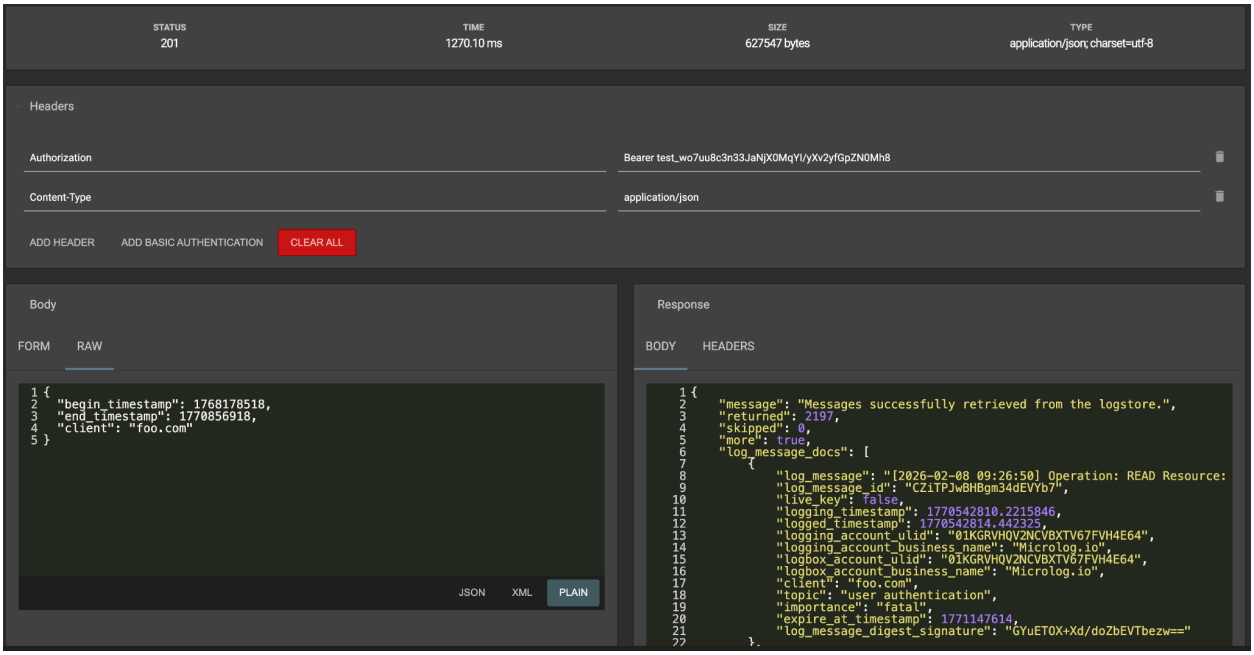
Example 2 Since there are more pages available the next call asks for the second page of results. Note the API must pass 1 not 2 in page_number for the second page, as page 0 (or unspecified) indicates the first page.



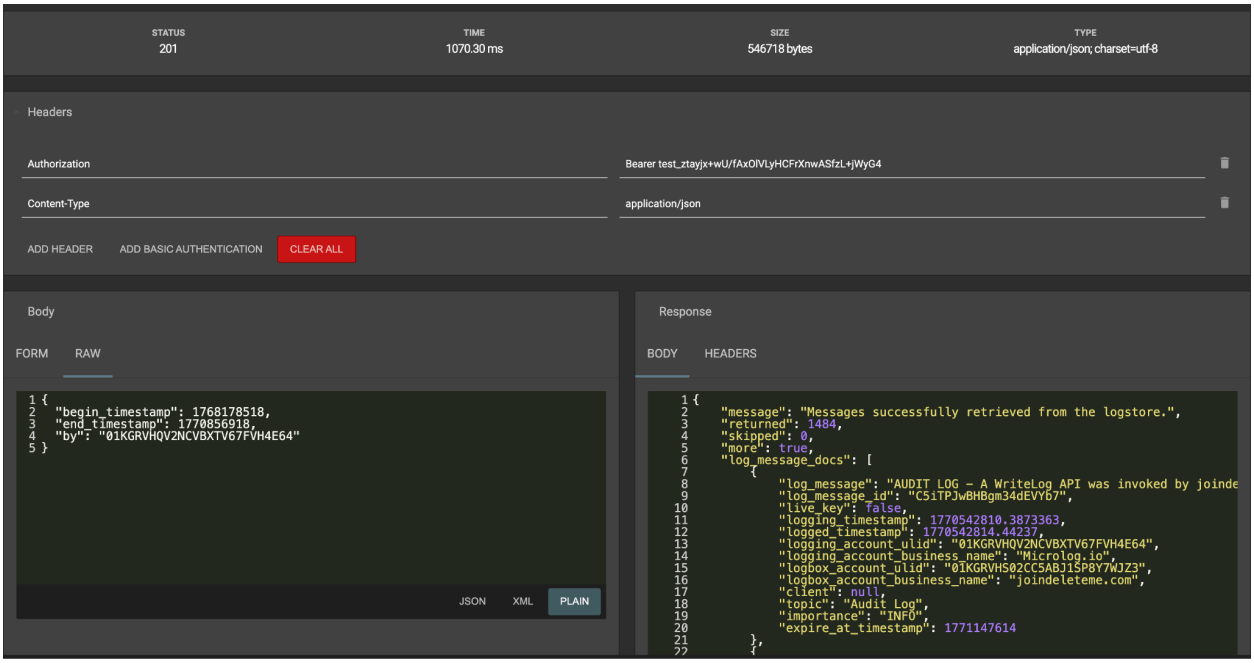
Example 3 Search your own logbox for messages during the set period containing the phrase “WriteLog API”.



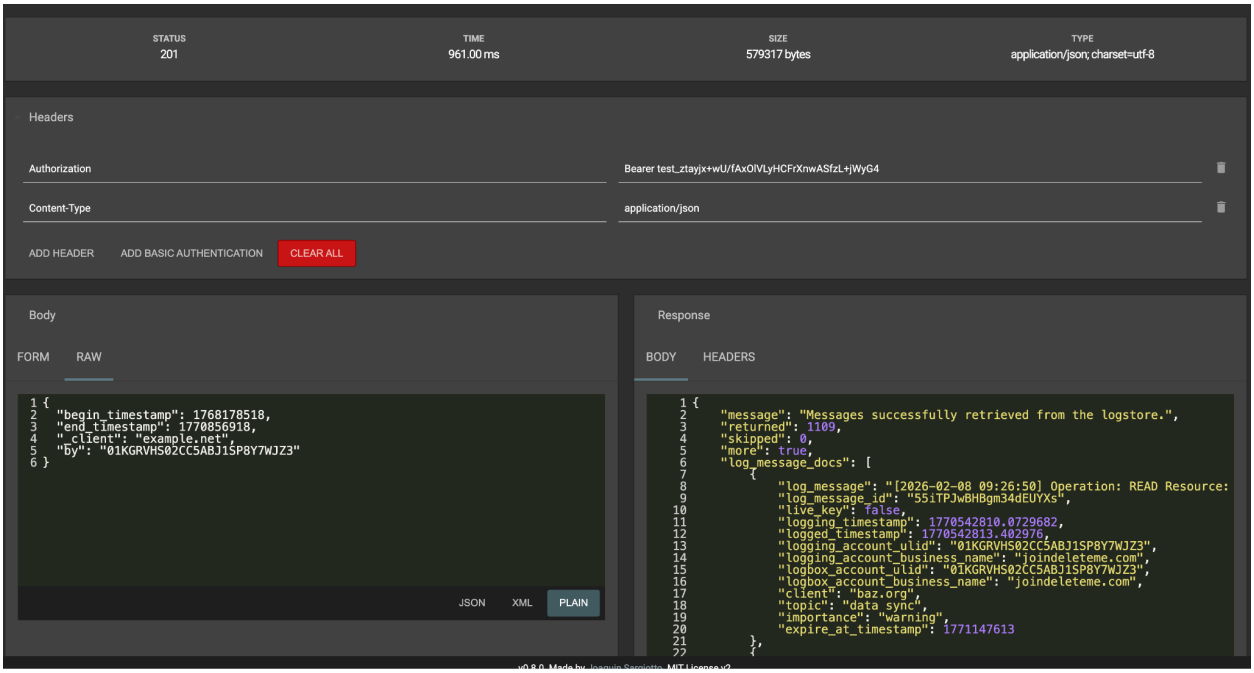
Example 4 Search your own logbox for messages logged during the set period and tagged with "foo.com" in the client tag.



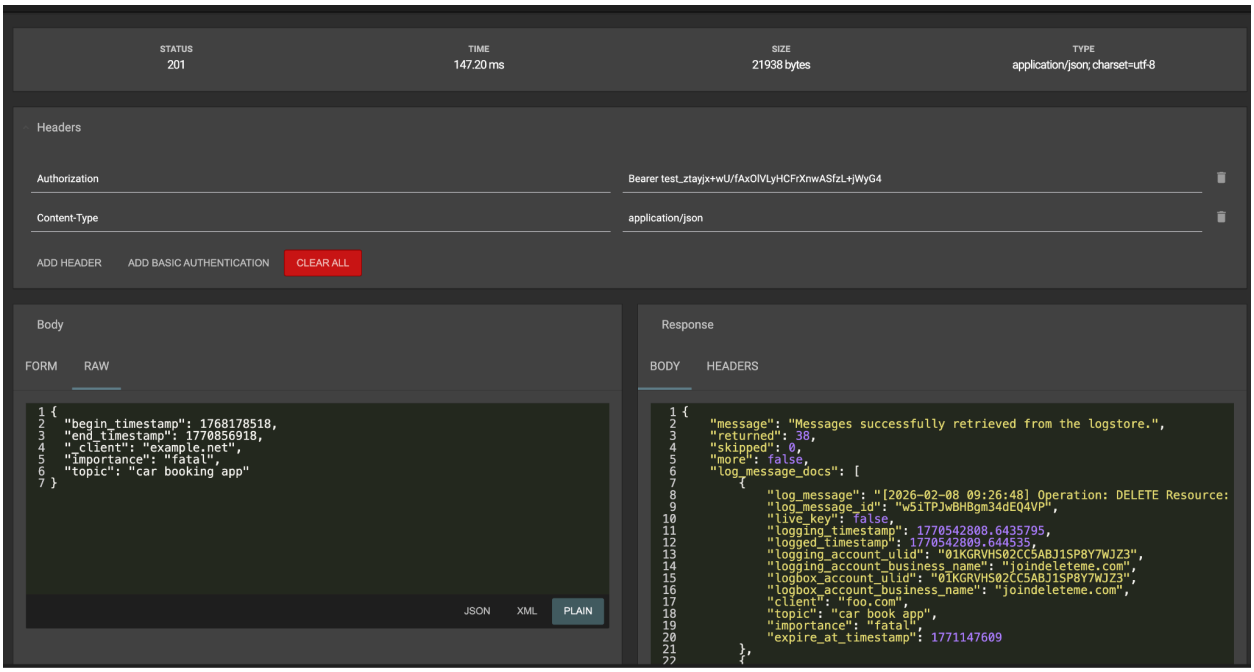
Example 5 Search your own logbox for messages that were logged during the set period by account "microlog.io". Note that the value of the request parameter "**by**" must be the ID of the account, not its business name. Since it is a connected account you can, on the Microlog portal, find the business name on the account table page and click on it for the profile page and its account ID.



Example 6 Search your own logbox for messages that were logged by yourself during the set period, but not tagged with “example.net” in the client tag.



Example 7 Search your own logbox for messages that were logged during the set period, not tagged with “example.net” in the client tag, but with the importance level set to “fatal”, and topic “car booking app”.



Example 8 Search your own logbox for messages that were logged during the set period, either tagged with “example.net” in the client tag, or the importance level set to “fatal”, or topic “car booking app”. Any one of the matching conditions will work and be considered a successful match.