### Query

Runs a Logpresso query, waits for it to complete, and then retrieves the query results. For queries that take a long time, it is recommended to use the [Create Cursor](https://docs.logpresso.com/en/sonar/4.0/api/create-cursor) API as timeouts may occur depending on client settings. If you disconnect the HTTP connection, the query you were executing is immediately canceled.

#### HTTP Request

GET /api/sonar/query

Request using cURL

curl -H "Authorization: Bearer <API\_KEY>" \ "https://HOSTNAME/api/sonar/query?q=system+tables"

Request Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Key | Required | Type | Description | Note |
| q | O | String | Logpresso query string |  |
| offset | X | 64-bit integer | Number of records to skip | Minimum 0. Default 0 |
| limit | X | 64-bit integer | Maximum number of records to load | Minimum 0. If not specified, load all records |
| fields | X | String | List of output field names | Comma-separated list |
| format | X | String | Output format | One of the following: html, xml, csv, json. |

#### Success Response

Below is an example response to a system tables | fields table query. If text/html is given in the Accept header, it will be output in HTML format. Otherwise, it will be output in newline-delimited JSON format.

{"table":"sonar\_event\_00001"}{"table":"sonar\_raw\_event\_00001"}

#### Error Responses

Missing query argument

HTTP status code 400

{ "error\_code": "null-argument", "error\_msg": "q should be not null"}

Invalid query

HTTP status code 400

{ "error\_code": "invalid-query", "error\_msg": "(10200) missing-json-quotation"}

offset or limit value is not an integer

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "offset should be long type."}

offset or limit value is negative

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "offset should be non-negative integer."}

Invalid format value

HTTP status code 400

{ "error\_code": "invalid-argument", "error\_msg": "format should be html, xml, csv, or json."}