

API

Send **GET** requests with **json** body on url: <http://localhost:8080>.

Body should have three fields: **query_type**, **query_number**, **params**.

IMPORTANT: In queries and responses timezone is **UTC+0**, take it into consideration, when writing queries and reading responses.

Response can have codes: 200, 400 and 500. If it is 200, the body will contain asked information, if it is 400 or 500 the body contains json with an error text description.

Here are examples of each query request.

Examples of each response are in folder **example_queries**.

Queries examples:

Type A:

1. Return the aggregated statistics containing the number of created pages for each Wikipedia domain for each hour in the last 6 hours, excluding the last hour.

Example: { "query_type": "A", "query_number": 1, "params": {}
}

2. Return the statistics about the number of pages created by bots for each of the domains for the last 6 hours, excluding the last hour.

Example: { "query_type": "A", "query_number": 2, "params": {}
}

3. Return Top 20 users that created the most pages during the last 6 hours, excluding the last hour.

Example: { "query_type": "A", "query_number": 3, "params": {}
}

Type B:

1. Return the list of existing domains for which pages were created.

Example: { "query_type": "B", "query_number": 1, "params": {}
}

2. Return all the pages which were created by the user with a specified user_id.

Example: { "query_type": "B", "query_number": 2, "params": { "user_id": "123567"
}
}

3. Return the number of articles created for a specified domain.

Example: { "query_type": "B", "query_number": 3,
 "params": { "domain_name": "en.wikipedia.org"}
 }

4. Return the page with the specified page_id

Example: { "query_type": "B", "query_number": 4,
 "params": { "page_id": "123567"} }

5. Return the id, name, and the number of created pages of all the users who created at least one page in a specified time range.

Example: { "query_type": "B", "query_number": 5,
 "params": { "time_start": "2022 -06-10 14:37:00",
 "time_end": "2022-06-10 15:10:05"
 }
 }