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Export page views API

With this API you can export raw page views (without sampling). Define a date range and it pull out the data via streaming. For us it does not matter how much data you export. We stream the data directly out of our database to your server or computer. No heavy load required. To make the export size smaller you can select the fields you want. The response will only include the fields you selected in the order you provided.

Available fields in export

Field	Type	Description
added_unix	number	The time of the page view in unix time format
added_iso	date	The time of the page view in ISO8601 format
hostname	string	The hostname of the website
hostname_original	string	When the hostname is overwritten, we store the original hostname
path	string	The path of the page view
is_unique	boolean	Is this page view unique
is_robot	boolean	Is page view visited by a robot or crawler
document_referrer	string	The JavaScript document.referrer of the page
utm_source	string	UTM source (specify via <code>ref=</code> or <code>utm_source</code> in your URL)
utm_medium	string	UTM medium (specify via <code>utm_medium</code> in your URL)
utm_campaign	string	UTM campaign (specify via <code>utm_campaign</code> in your URL)

Field	Type	Description
utm_content	string	UTM content (specify via <code>utm_content</code> in your URL)
utm_term	string	UTM term (specify via <code>utm_term</code> in your URL)
scrolled_percentage	number	How far did a visitor scroll on the page (in steps of 5%)
duration_seconds	number	How many seconds did a visitor stay on this page (we stop the counter when a page is hidden)
viewport_width	number	Viewport width in pixels
viewport_height	number	Viewport height in pixels
screen_width	number	Screen width in pixels
screen_height	number	Screen height in pixels
user_agent	string	The <code>navigator.userAgent</code> of a browser (in case of a fake one we don't store it).
device_type	string	Either desktop, mobile, tablet, or tv.
country_code	string	2 letter country code
browser_name	string	Browser name
browser_version	string	Browser version (do note this is a string)
os_name	string	OS name
os_version	string	OS version (do note this is a string)
lang_region	string	The region part of <code>navigator.language</code>
lang_language	string	The language part of <code>navigator.language</code>

Field	Type	Description
uuid	string	A UUID v4 of the page view (this is not always unique)

Data like `scrolled_percentage` and `duration_seconds` is not always added because it depends on the browser features of the visitor.

Deprecated fields

These fields are deprecated but we keep them for backward compatibility. It's recommended to not use it for new projects.

Field	Description
url	Please use hostname and path to get the full URL
referrer	We replaced this with <code>document_referrer</code>
referrer_raw	We replaced this with <code>document_referrer</code>
device_width_pixels	We replaced this with <code>viewport_width</code>
device_width	We replaced this with <code>viewport_width</code>
source	What is the source of this page view, mostly <code>js</code> from our JavaScript

API

For this API features you'll need to authenticate. You can do this with an `Api-Key` -header where the key starts with `sa_api_key_...` and with a `User-Id` header starting with `sa_user_id_...`. You can create them in [your account settings](#).

You can specify all fields you like to export. Add them as a comma separated list (e.g.: `&fields=added_iso,hostname,path`).

To test if your API key works correctly you can replace the example values of this cURL example with your own:

```
curl "https://simpleanalytics.com/api/export/visits?
version=2&fields=added_iso,hostname,path&hostname=example.com&start=2020-12-
01&end=2021-01-01" \ -H 'User-Id: sa_user_id_00000000-0000-0000-0000-
000000000000' \ -H 'Api-Key: sa_api_key_XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX' \
-H 'Content-Type: text/csv'
```

Deprecated API

If you don't specify any `fields` we return all the basic fields.

```
curl "https://simpleanalytics.com/api/export/visits?
version=1&hostname=example.com&start=2020-12-01&end=2021-01-
```

```
01&timezone=Europe/Amsterdam" \ -H 'User-Id: sa_user_id_00000000-0000-0000-0000-000000000000' \ -H 'Api-Key: sa_api_key_XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX' \ -H 'Content-Type: text/csv'
```

This is how the API worked before and we don't want to add breaking changes to our APIs. A response when you don't specify any `fields` looks like this:

```
added_unix,added_iso,url,referrer_raw,referrer,hostname,source,is_unique,utm_source,utm_medium,utm_campaign,utm_content,utm_term,scrolled_percentage,duration_seconds,device_width_pixels,device_width,viewport_width,viewport_height,screen_width,screen_height,uuid 1598927168,2020-09-01T02:26:08.000Z,https://blog.simpleanalytics.com/,simpleanalytics.com,simpleanalytics.com,blog.simpleanalytics.com,js,true,simpleanalytics.com,,,,,,,,1461,1461,1461,849,1920,1080,f2dbec14-c8c1-4191-92da-d408fc7b7e1c 1598959428,2020-09-01T11:23:48.000Z,https://blog.simpleanalytics.com/practical-privacy-tips-for-your-business,hackernewsletter,,blog.simpleanalytics.com,js,true,hackernewsletter,email,,,fav,,,396,396,396,685,396,814,23f52505-9c1e-449e-bc84-97650f03c4df 1598968423,2020-09-01T13:53:43.000Z,https://blog.simpleanalytics.com/,simpleanalytics.com,simpleanalytics.com,blog.simpleanalytics.com,js,true,simpleanalytics.com,,,,,,,,1366,1366,1366,616,1366,768,1b69a6fb-dbbf-4871-a4f6-6b81edf753cb
```

This functionality is deprecated but we keep it for backward compatibility. It's recommended to not use it for new projects.

If you have any problems, drop us a line via [our contact page](#).

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