

Simple Analytics

This pdf is generated on April 15, 2021. Go to [the documentation page](#) for the most up-to-date version.

Collect events with Ruby

This is a draft of how to collect events with [Ruby](#). If you know how to improve it, please let us know.

Save below code as `simple_analytics_event.rb`:

```
# simple_analytics_event.rb require 'net/http' require 'json' require 'date'
class SimpleAnalyticsEvent def self.trigger(event_name) new.trigger(event_name)
end # EventData makes sure the data is corrent when sending to # API endpoint
class EventData attr_reader: version,: ua,: platform,: hostname,: date,: events
def initialize(events, user_agent = nil, platform = nil) @version = 1 @ua =
user_agent @platform = platform # use your own hostname here @hostname =
"your.own.hostname.here" @date = Date.today @events = events end def to_h {
version: version, ua: ua, platform: platform, hostname: hostname, date:
date.strftime("%Y-%m-%d"), events: events } end end attr_reader: api_endpoint
def initialize @api_endpoint = "https://api.simpleanalytics.io/events" end def
request_headers { 'Content-Type' => 'application/json', 'Accept' =>
'application/json' } end def post(data) uri = URI(api_endpoint) http =
Net::HTTP.new(uri.host, uri.port) http.use_ssl = true request =
Net::HTTP::Post.new(uri.path, request_headers) request.body = data.to_json
begin response = http.request(request) puts "debug: #{response.body}" true
rescue StandardError => e # net / http has notoriously hard exception handling,
# read more: https://stackoverflow.com/a/11802674 puts e.inspect false end end
def trigger(event, params = {}) data = EventData.new([event]) post(data.to_h)
end end
```

To test run this in your console:

```
% irb irb(main):001:0' require './simple_analytics_event' => true
irb(main):002:0> SimpleAnalyticsEvent.trigger('example_event') debug:
{"success":true,"duration_ms":1,"message":"Thank you","location":"Amsterdam"}
=> true
```

Make sure to include a user agent in the code because the request will fail otherwise.

Thanks to [Tuomas Jomppanen](#) for providing this example.

This pdf is generated on April 15, 2021. Go to [the documentation page](#) for the most up-to-date version.