

Sentiment API

API computing the sentiment score of a sentence. Two versions are available (v1 & v2). To authenticate, you must provide the following entry in the header of your request: Authorization: username=<encrypted password in hexadecimal>. Encryption is to be made with a public RSA key, available at the endpoint /public_key
More information: <https://helloreverb.com>
Contact Info: hello@helloreverb.com
Version: v1
BasePath: /
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Access

1. HTTP Basic Authentication

Methods

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Default

POST /permissions

[Up](#)

Lists the version permissions for an authenticated user. (`permissionsPost`)

Request headers

Return type

[inline response 200](#)

Example data

Content-Type: application/json

```
{
  "v1" : 0,
  "v2" : 6,
  "username" : "username"
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Permissions of the user [inline response 200](#)

GET /public_key

[Up](#)

Returns the public key necessary for encryption (`publicKeyGet`)

Return type

[inline response 200 1](#)

Example data

Content-Type: application/json

```
{
  "public_key" : "-----BEGIN PUBLIC KEY-----\nMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAjBxc00jnmuxUfhZ3efS\n\\nhTSNzbLSMR3+\n"
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

GET /status

Health check (`statusGet`)

Return type

Integer

Example data

Content-Type: application/json

```
1
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Json with single value 1 [Integer](#)

POST /v1/sentiment

Sentiment analysis, version 1. The sentence must be provided in the body of the request. (`v1SentimentPost`)

Request headers

Return type

[inline response 200 2](#)

Example data

Content-Type: application/json

```
{
  "sentence" : "i am depressed",
  "score" : -0.5106,
  "sentiment" : "negative",
  "version" : "v1",
  "username" : "Steven"
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Permissions of the user [inline response 200 2](#)

POST /v2/sentiment

Sentiment analysis, version 2. The sentence must be provided in the body of the request. (`v2SentimentPost`)

Request headers

Return type

[inline response 200 3](#)

Example data

Content-Type: application/json

```
{
  "sentence" : "i am depressed",
  "score" : -0.5106,
  "sentiment" : "negative",
  "version" : "v2",
  "username" : "Steven"
}
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Permissions of the user [inline response 200 3](#)

GET /welcome/{name}

(welcomeNameGet)

Path parameters

name (required)
Path Parameter —

Return type

String

Example data

Content-Type: application/json

```
"Bonjour Emeric"
```

Produces

This API call produces the following media types according to the Accept request header; the media type will be conveyed by the Content-Type response header.

- application/json

Responses

200

Welcome message [String](#)

Models

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inline_response_200

[Up](#)

username (optional)
[String](#) The username.

v1 (optional)
[Integer](#) Permission for version 1.

v2 (optional)
[Integer](#) Permission for version 2.

inline_response_200_1

[Up](#)

public_key (optional)
[String](#) The public key.

example: -----BEGIN PUBLIC KEY-----

\nMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEAbXcOOjnmuxUfhZ3efS\nnhTSNzbLSMR3+rQ1gQtmo4jZlVLigkHZZOwt+bP2AL5paSOeyyC39OXkiuRg'\n-----END PUBLIC KEY-----"

inline_response_200_2

[Up](#)

score (optional)
[BigDecimal](#) The score of the sentence (between -1 and +1).
example: -0.5106

sentence (optional)
[String](#) Analyzed sentence
example: i am depressed

sentiment (optional)
[String](#) Category of the sentiment
example: negative

username (optional)
[String](#) Username making the request
example: Steven

version (optional)
[String](#)

Enum:

v1

example: v1

inline_response_200_3

[Up](#)

score (optional)
[BigDecimal](#) The score of the sentence (between -1 and +1).

example: -0.5106

sentence (optional)

[*String*](#) Analyzed sentence

example: i am depressed

sentiment (optional)

[*String*](#) Category of the sentiment

example: negative

username (optional)

[*String*](#) Username making the request

example: Steven

version (optional)

[*String*](#)

Enum:

v2

example: v2