Denise Kutnick, Geoffrey Stoner

COT 4935

January 30, 2015

Twitter APIs

* REST APIs
  + Representational State Transfer
  + Identified using OAuth, responses in JSON

**GET /1.1/help/languages.json HTTP/1.1**

Host:

api.twitter.com

X-Target-URI:

https://api.twitter.com

Connection:

Keep-Alive

Authorization:

OAuth oauth\_consumer\_key="\*\*\*\*",oauth\_signature\_method="\*\*\*\*",oauth\_timestamp="\*\*\*\*",oauth\_nonce="\*\*\*\*",oauth\_version="\*\*\*\*",oauth\_token="\*\*\*\*",oauth\_signature="\*\*\*\*"

**HTTP/1.1 200 OK**

x-frame-options:

SAMEORIGIN

content-type:

application/json;charset=utf-8

x-rate-limit-remaining:

14

last-modified:

Fri, 30 Jan 2015 19:01:57 GMT

status:

200 OK

x-response-time:

13

date:

Fri, 30 Jan 2015 19:01:57 UTC

Connection:

keep-alive

x-transaction:

737c653f48d59e1a

pragma:

no-cache

x-connection-hash:

599249a72cfb9302377e0684c0e7db84

x-xss-protection:

1; mode=block

x-content-type-options:

nosniff

x-rate-limit-limit:

15

expires:

Sat, 31 Jan 2015 19:01:57 GMT

set-cookie:

lang=en

set-cookie:

guest\_id=v1%3A142264451760359021; Domain=.twitter.com; Path=/; Expires=Sun, 29-Jan-2017 19:01:57 UTC

content-length:

1792

x-rate-limit-reset:

1422645417

server:

tsa\_b

strict-transport-security:

max-age=631138519

x-access-level:

read-write-directmessages

[

{

"code": "fr",

"name": "French",

"status": "production"

},

{

"code": "en",

"name": "English",

"status": "production"

},

{

"code": "ar",

"name": "Arabic",

"status": "production"

},

{

"code": "ja",

"name": "Japanese",

"status": "production"

},

{

"code": "es",

"name": "Spanish",

"status": "production"

},

{

"code": "de",

"name": "German",

"status": "production"

},

{

"code": "it",

"name": "Italian",

"status": "production"

},

{

"code": "id",

"name": "Indonesian",

"status": "production"

},

{

"code": "pt",

"name": "Portuguese",

"status": "production"

},

{

"code": "ko",

"name": "Korean",

"status": "production"

},

{

"code": "tr",

"name": "Turkish",

"status": "production"

},

{

"code": "ru",

"name": "Russian",

"status": "production"

},

{

"code": "nl",

"name": "Dutch",

"status": "production"

},

{

"code": "fil",

"name": "Filipino",

"status": "production"

},

{

"code": "msa",

"name": "Malay",

"status": "production"

},

{

"code": "zh-tw",

"name": "Traditional Chinese",

"status": "production"

},

{

"code": "zh-cn",

"name": "Simplified Chinese",

"status": "production"

},

{

"code": "hi",

"name": "Hindi",

"status": "production"

},

{

"code": "no",

"name": "Norwegian",

"status": "production"

},

{

"code": "sv",

"name": "Swedish",

"status": "production"

},

{

"code": "fi",

"name": "Finnish",

"status": "production"

},

{

"code": "da",

"name": "Danish",

"status": "production"

},

{

"code": "pl",

"name": "Polish",

"status": "production"

},

{

"code": "hu",

"name": "Hungarian",

"status": "production"

},

{

"code": "fa",

"name": "Persian",

"status": "production"

},

{

"code": "he",

"name": "Hebrew",

"status": "production"

},

{

"code": "th",

"name": "Thai",

"status": "production"

},

{

"code": "uk",

"name": "Ukrainian",

"status": "production"

},

{

"code": "cs",

"name": "Czech",

"status": "production"

},

{

"code": "ro",

"name": "Romanian",

"status": "production"

},

{

"code": "en-gb",

"name": "British English",

"status": "production"

},

{

"code": "vi",

"name": "Vietnamese",

"status": "production"

},

{

"code": "bn",

"name": "Bengali",

"status": "production"

}

]

* + GET commands
    - Receives data
  + POST commands
    - Sends data
  + <https://dev.twitter.com/rest/public>
  + <https://code.google.com/p/twitcurl/>
  + <https://dev.twitter.com/rest/tools/console>
* Streaming APIs
  + Live updates of public data
  + No rate limits
  + <https://dev.twitter.com/streaming/overview/connecting>
  + <http://api-portal.anypoint.mulesoft.com/twitter/api/twitter-streaming-api>
* Fabric APIs