GITHUB API   INFO 253 Homework 6

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Question 1:

How many public repositories (public_repos) I have (jblomo).

Curl request:

curl -i " https://api.github.com/users/jblomo" | grep –w public_repos

Response: 39

Question 2:

Get all repos in which I(jblomo) am only a member of

Curl request:

curl -i "https://api.github.com/users/jblomo/repos?type='member'" | grep -w "full_name"

Response: 28

  "full_name": "AJRenold/n_network",

  "full_name": "brynamo/webarch2014",

  "full_name": "corymc/webarch2013",

  "full_name": "davidmarin/doloop",

  "full_name": "ellenvanwyk/webarch2014",

  "full_name": "evphan/webarch2013",

  "full_name": "haroonrasheed333/datamining290",

  "full_name": "iaperez/datamining290",

  "full_name": "iaperez/DataMiningProject-WhoMadeThatMovie",

  "full_name": "ikenohate09/project-webarch2013",

  "full_name": "kanderek/project-webarch",

  "full_name": "kayvannj/webarch2013",

  "full_name": "laykopi/project-webarch2013",

  "full_name": "levand/clj-soy",

  "full_name": "parvizu/WebArch-finalProjectPart1",

  "full_name": "parvizu/WebArch-finalProjectPart2",

"full_name": "parvizu/webarch2013",

"full_name": "pjloury/webarch2013",

"full_name": "prabhamatta/datamining290",

"full_name": "priya-I/AOMining",

"full_name": "priya-I/datamining290",

"full_name": "roidrage/lograge",

"full_name": "samtokheim/datamining290",

"full_name": "seekshreyas/shrink",

"full_name": "shaohan/project-webarch2013",

"full_name": "shaohan/webarch2013",

"full_name": "sonalisharma/datamining290",

"full_name": "tantanm/webarch2013",

Question 3:

Credentials of collaborators in mrjob

Curl request:

curl –i "https://api.github.com/repos/yelp/mrjob/contributors" | grep –w login

curl –i "https://api.github.com/repos/yelp/mrjob/contributors" | grep –w login | wc -l

Response: 30 contributors

 "login": "davidmarin",

"login": "irskep",

"login": "sudarshang",

"login": "tarnfeld",

"login": "anusha-r",

"login": "ashkop",

"login": "icio",

"login": "msabramo",

"login": "ddehghan",

"login": "dnephin",

"login": "ewencp",

"login": "Roguelazer",

"login": "ShusenLiu",

"login": "timtadh",

"login": "jblomo",

"login": "PhilSwanson",

"login": "smallredbean",

"login": "ymilki",

"login": "ap-ensighten",

"login": "bretthoerner",

"login": "unshift",

"login": "geota",

"login": "dterror",

"login": "servetus",

"login": "kienpham2000",

"login": "baris",

"login": "iph",

"login": "t2y",

"login": "derwiki",

"login": "zonca",

Question 4:

First commit message to webarch253 owned by jblomo

Curl request:

Repo/commits only lists the last 250 commits of the repo. To get the first commit,

Find the creation date of the repo by using,

curl -i "https://api.github.com/repos/jblomo/webarch253 | grep -w created_at

2012-08-24T07:44:17Z

And get commits until a delta from the creation date.

curl -i "https://api.github.com/repos/jblomo/webarch253/commits?until=2012-08-24T07:44:17Z" | grep -w message

Response:

"message": "browsers",

"message": "css",

"message": "Intro slides",

"message": "working slides",

"message": "initial"

Looking at the timestamp of the commits, the first message is **"initial"**