SJSU CMPE281 HW GAE RESTFUL WEB SVC FALL 2016

Mengxuan Cai

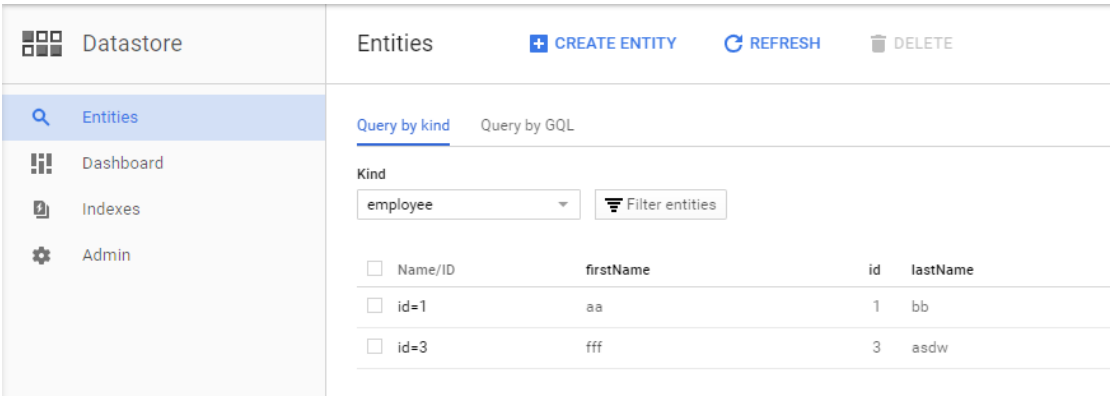
Extra Credit 1

Get

Get …/rest/employee

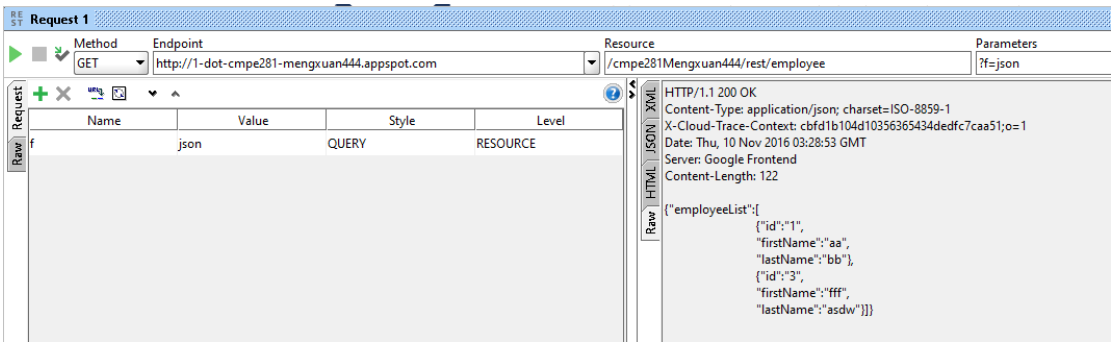
Rest request and response: Success

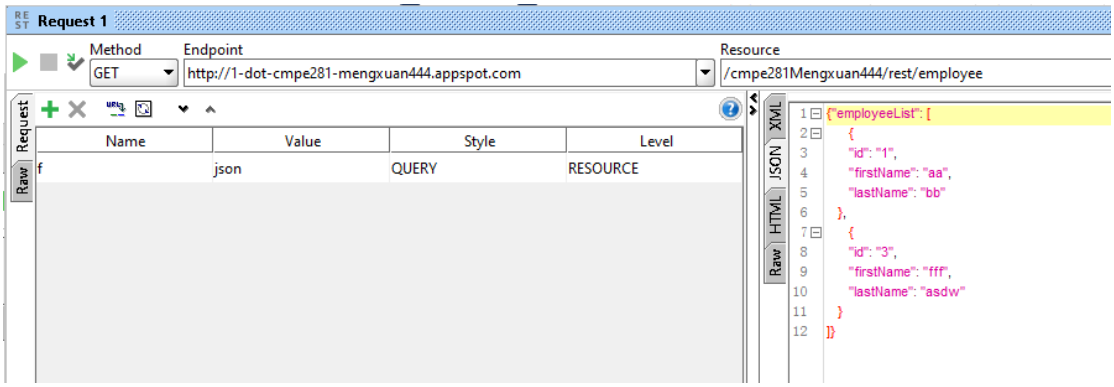
Before



After

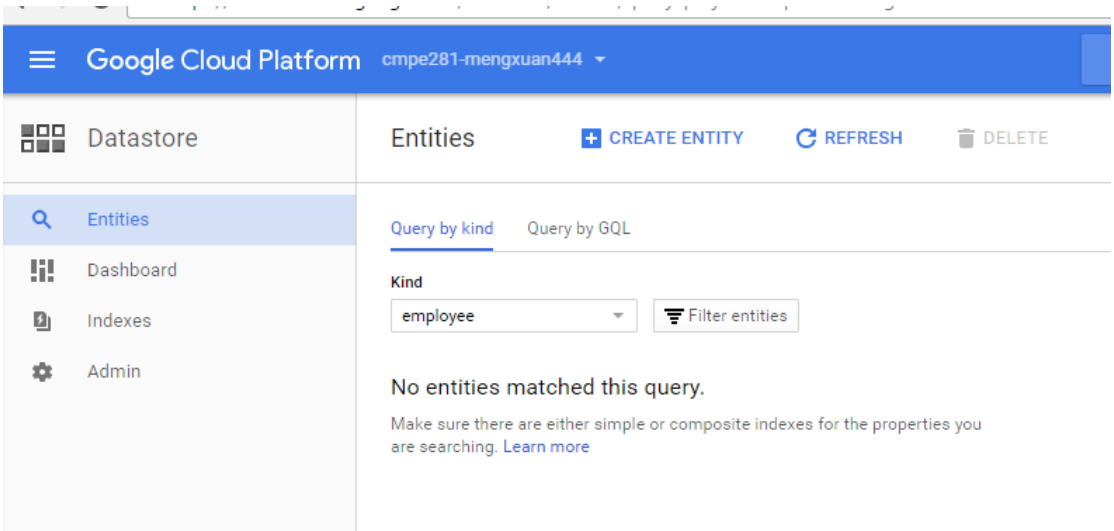
Get http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/employee?f=json





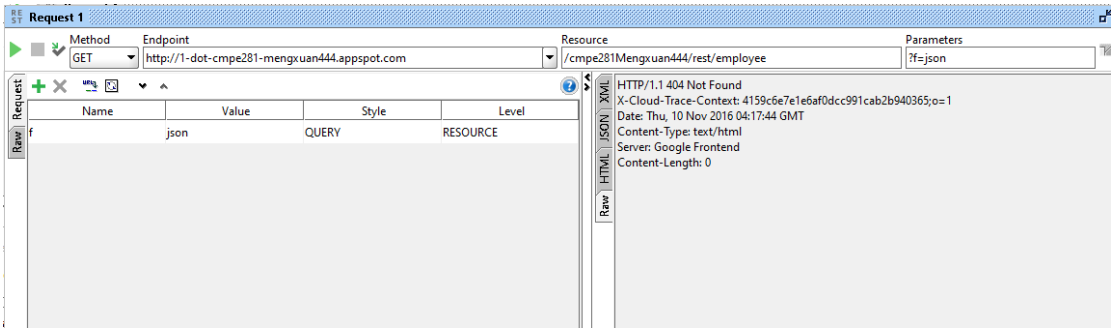
Rest request and response: Error

Before



After

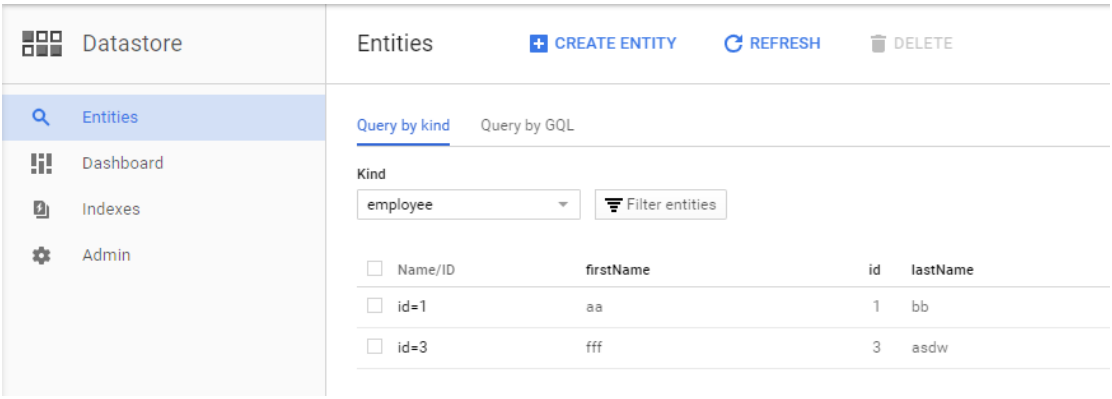
Get http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/employee?f=json



Get …/rest/employee/m

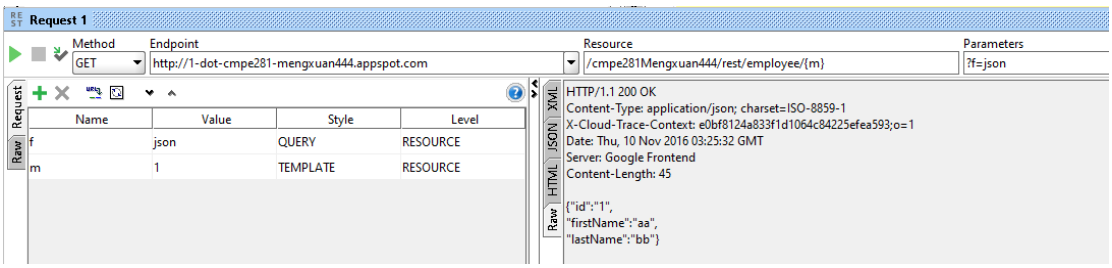
Rest request and response: Success

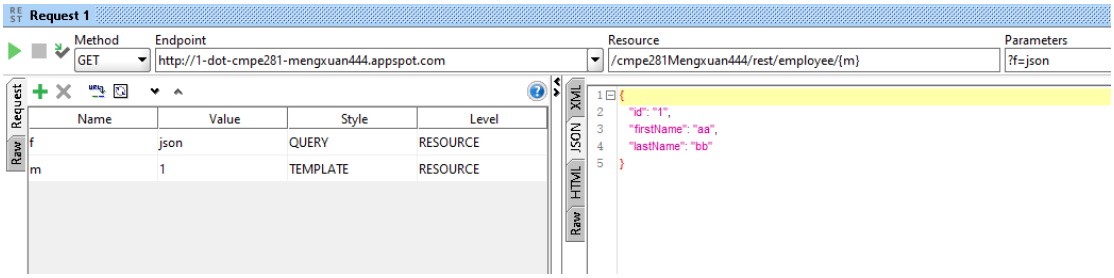
Before



After

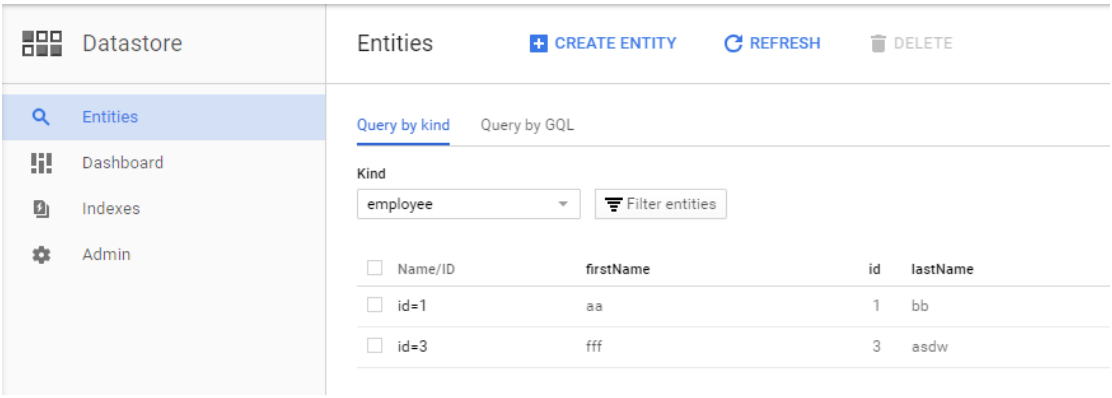
Get http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/employee/1?f=json





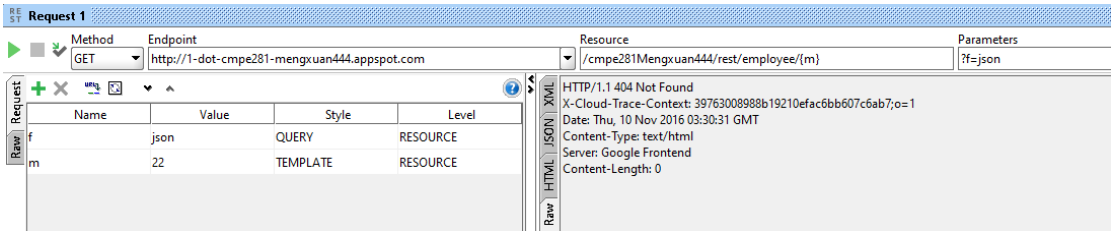
Rest request and response: Error

Before



After

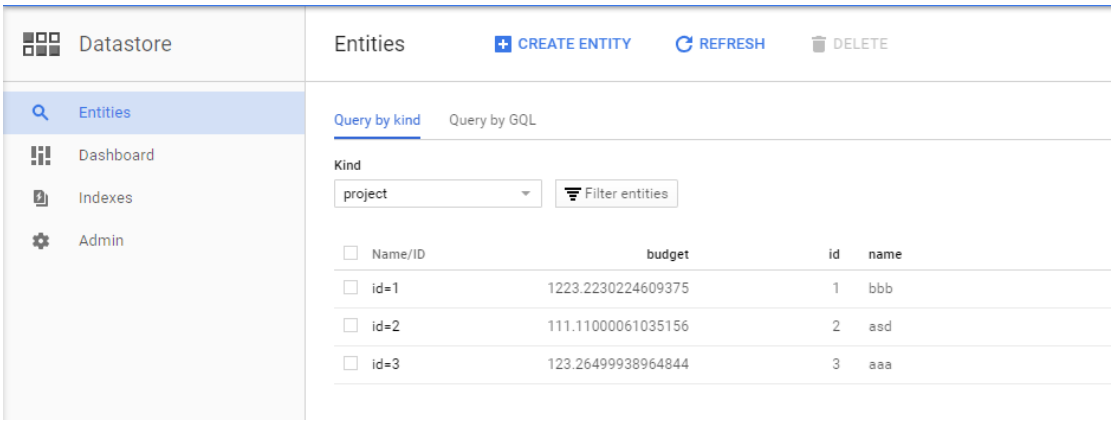
Get http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/employee/22?f=json



Get …/rest/project

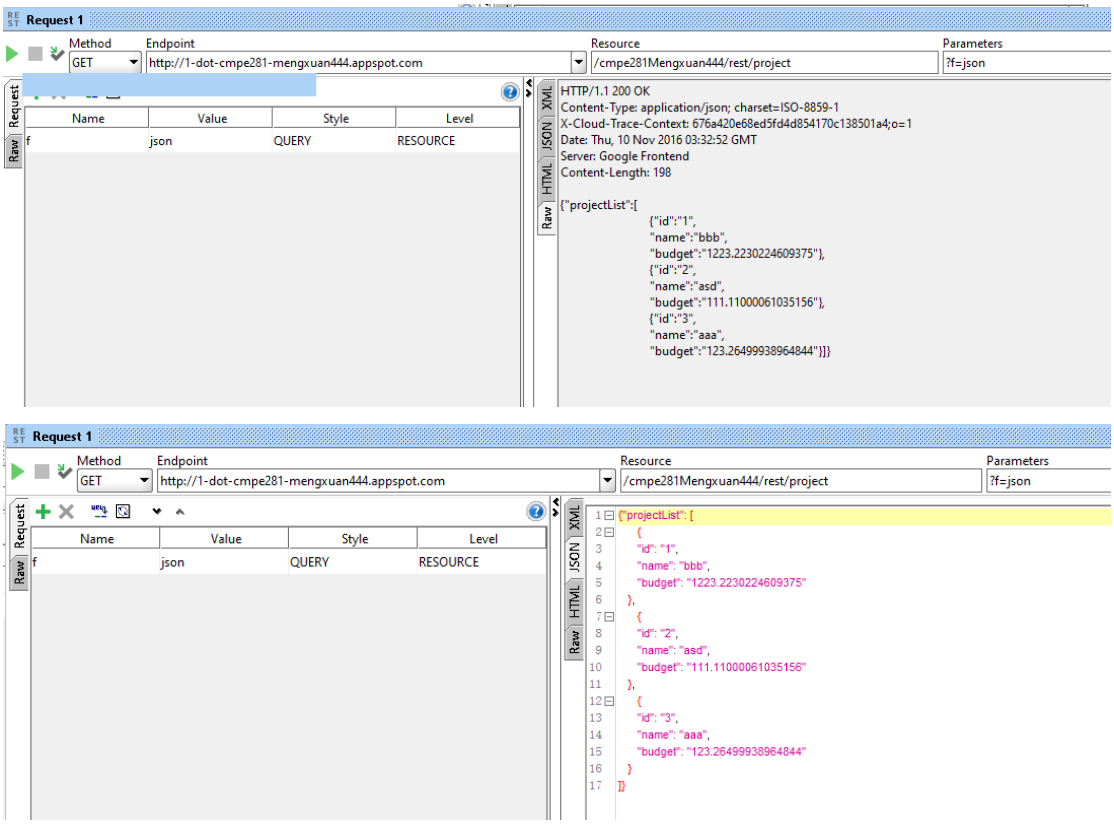
Rest request and response: Success

Before



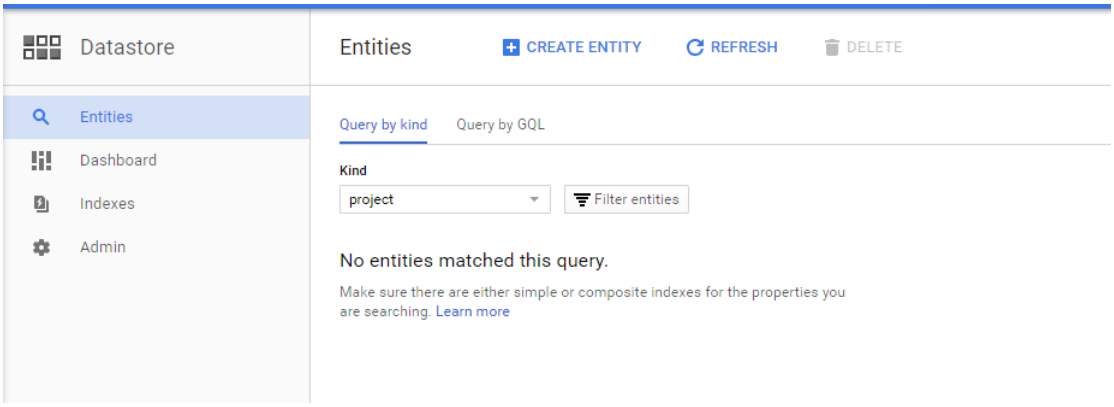
After

Get http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/project?f=json



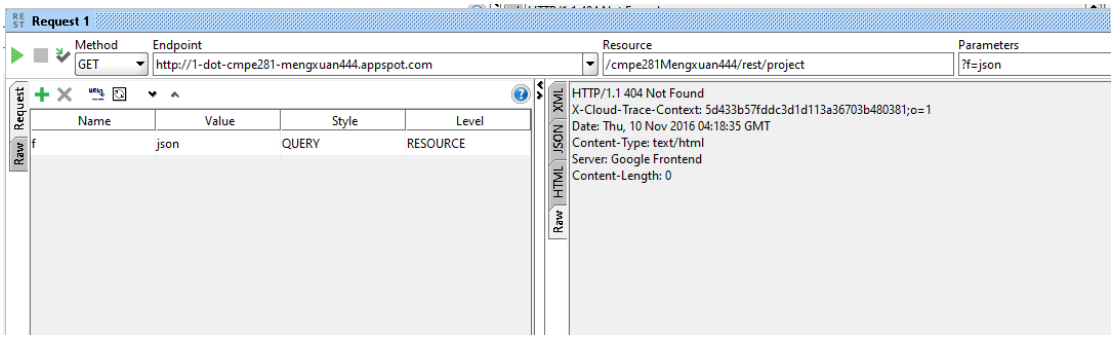
Rest request and response: Error

Before



After

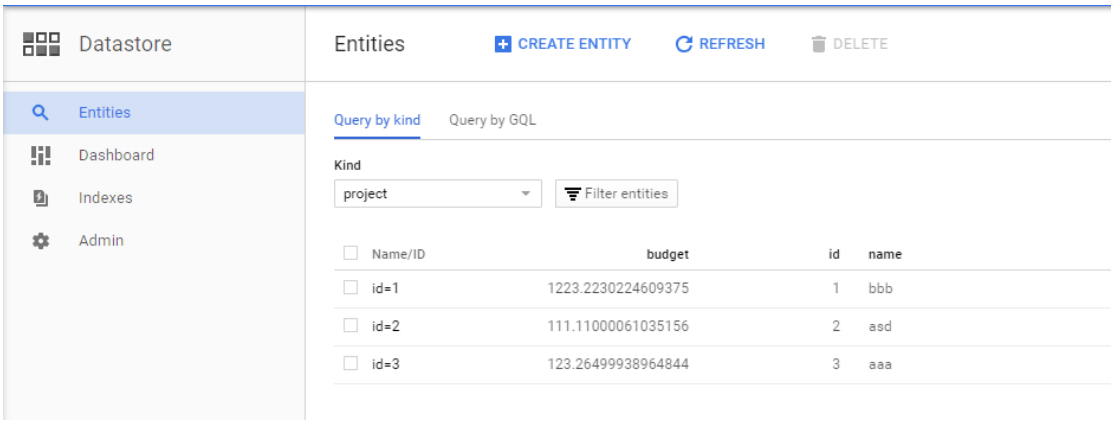
Get http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/project?f=json



Get …/rest/project/m

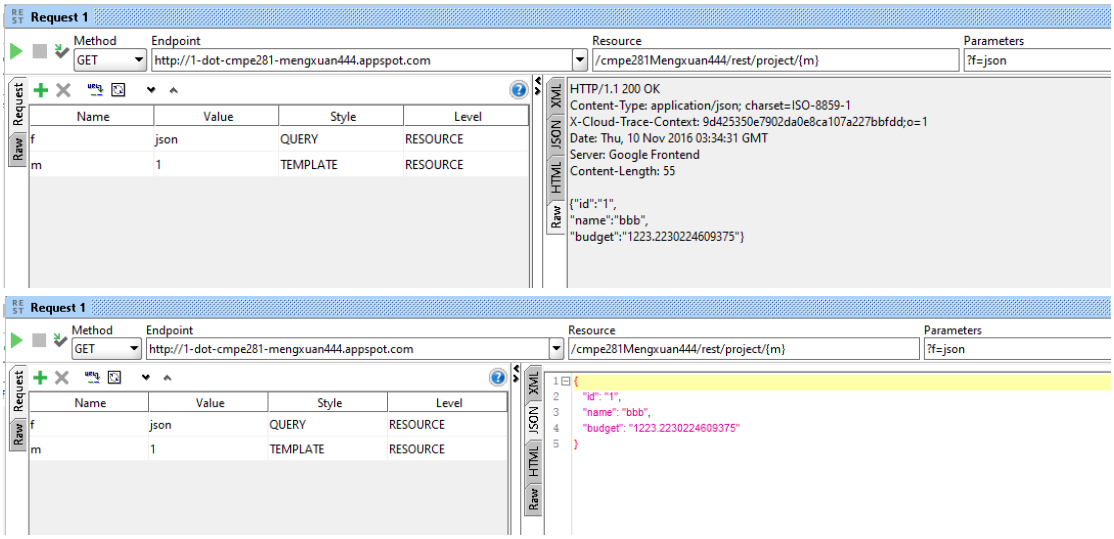
Rest request and response: Success

Before



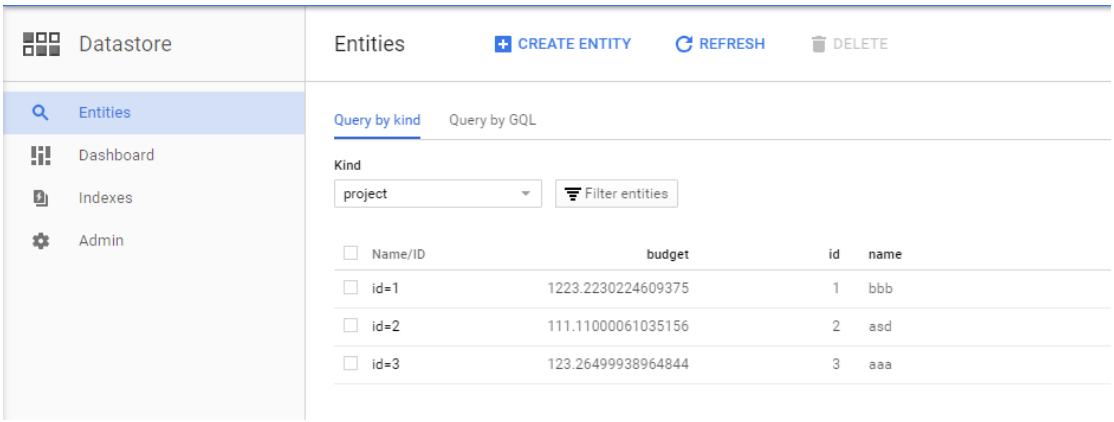
After

Get http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/project/1?f=json



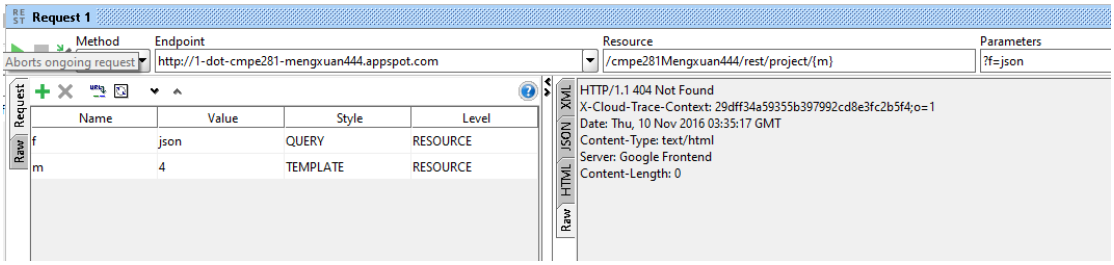
Rest request and response: Error

Before



After

Get http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/project/4

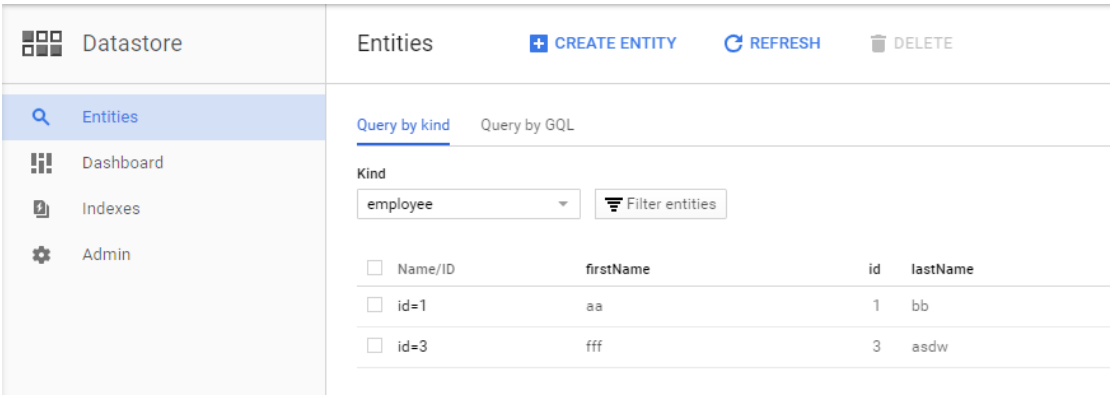


Post

Post …/rest/employee

Rest request and response: Success

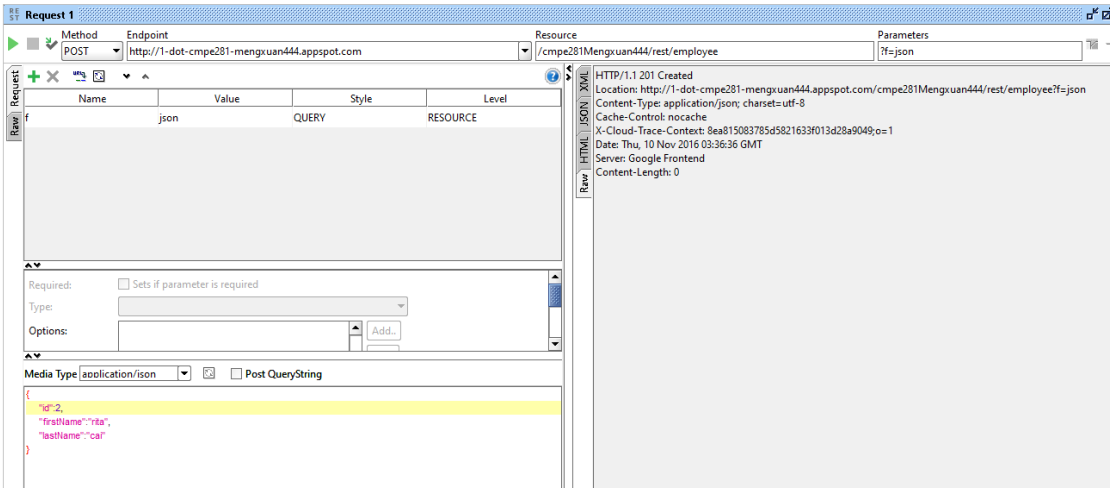
Before

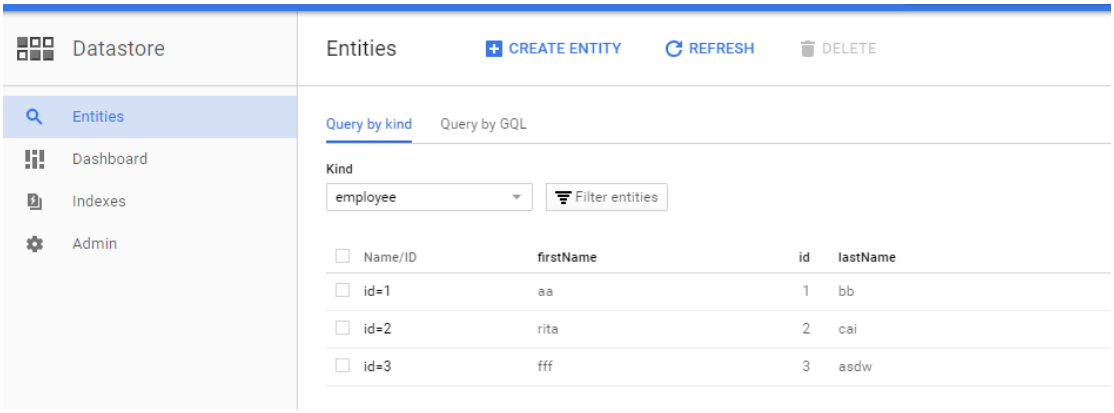


After

Post http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/employee?f=json

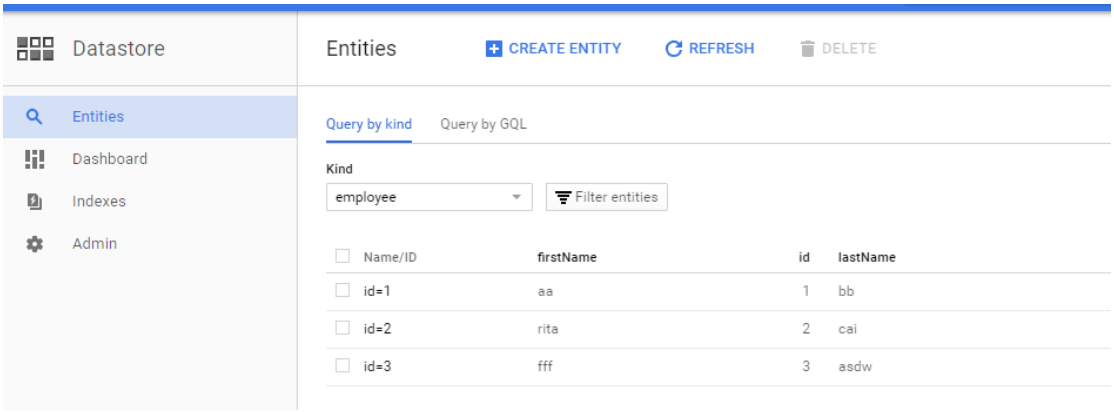
```
{
    "id":2,
    "firstName":"rita",
    "lastName":"cai"
}
```





Rest request and response: Error

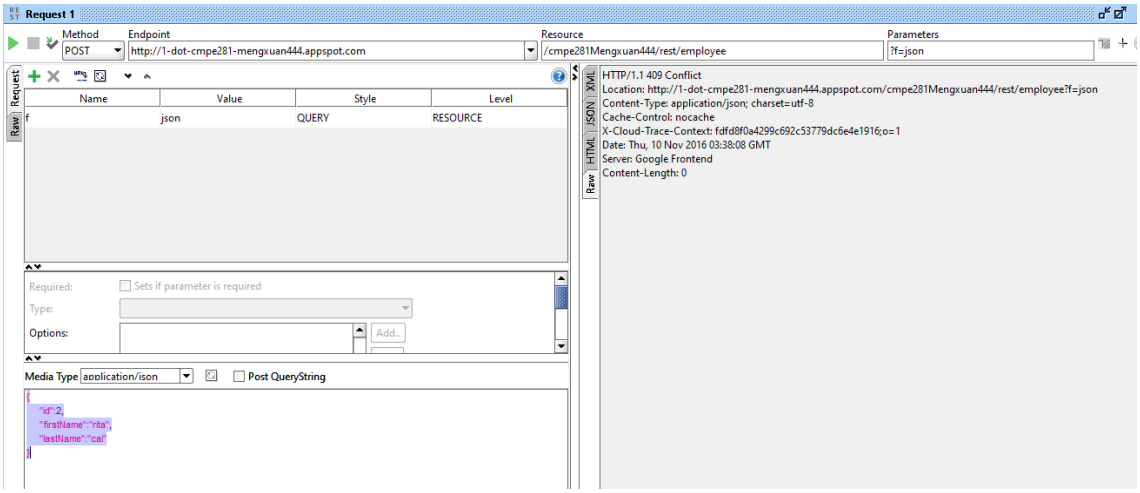
Before



After

Post http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/employee?f=json

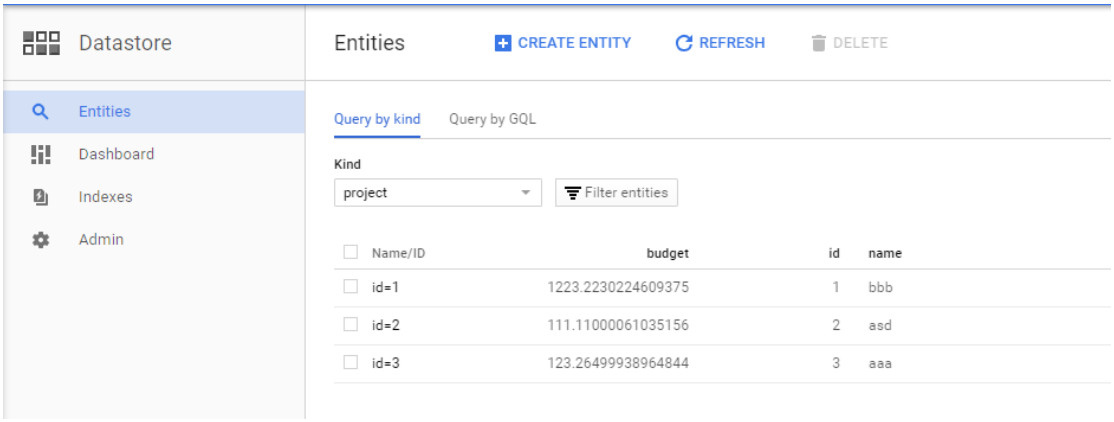

```
{
    "id":2,
    "firstName":"rita",
    "lastName":"cai"
}
```



Post …/rest/project

Rest request and response: Success

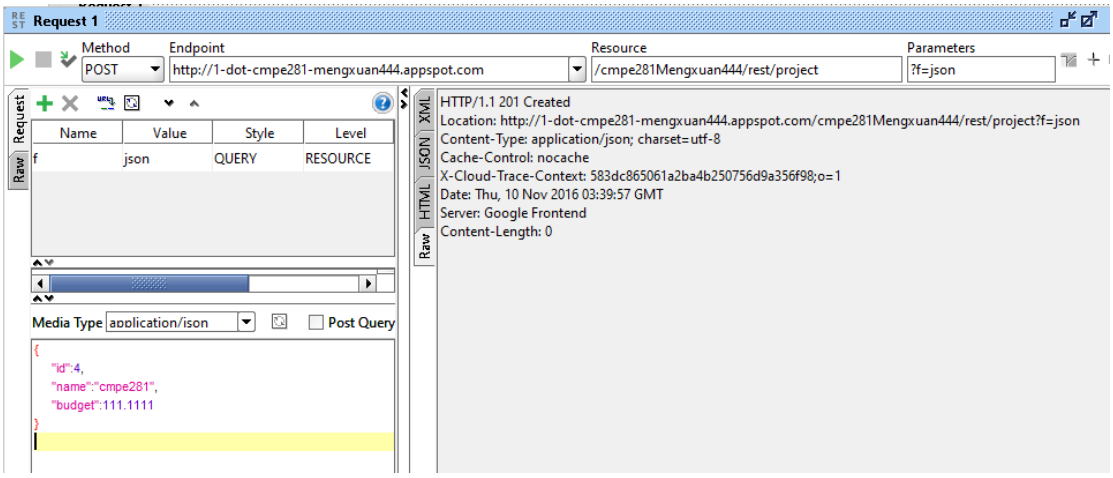
Before

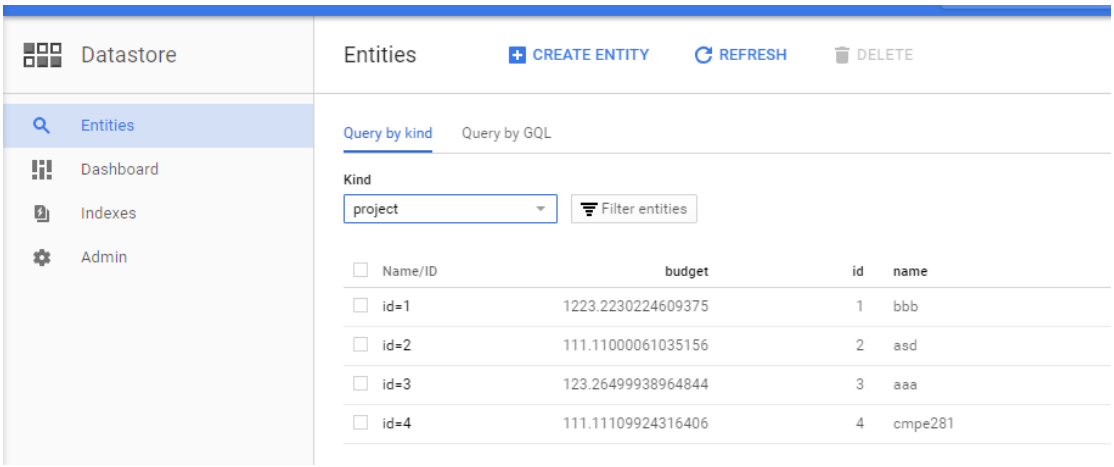


After

Post http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/project?f=json

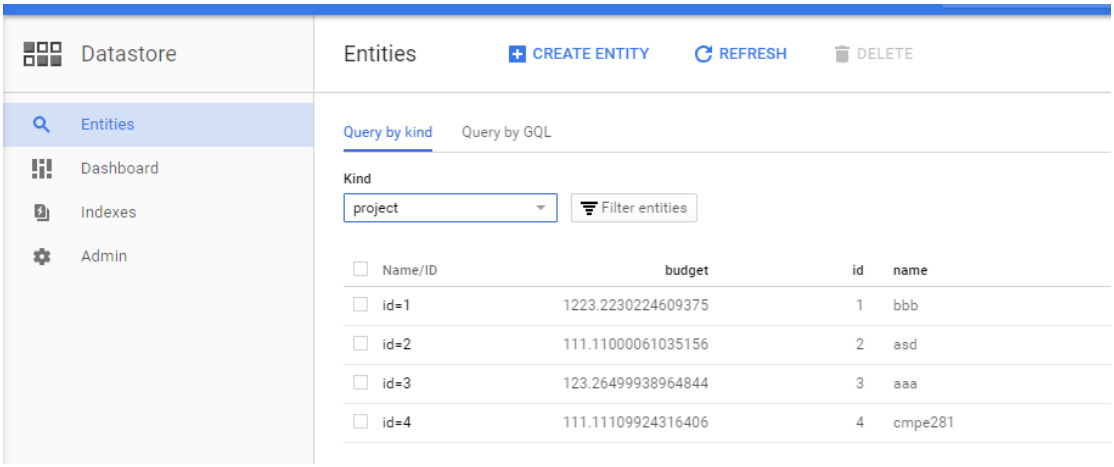
```
{
    "id":4,
    "name":"cmpe281",
    "budget":111.1111
}
```





Rest request and response: Error

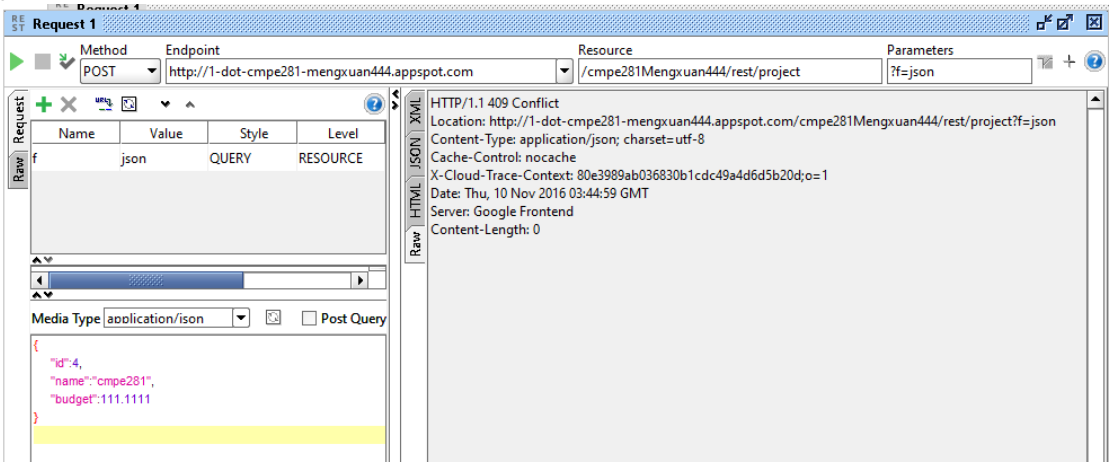
Before



After

Post http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/project?f=json

```
{
    "id":4,
    "name":"cmpe281",
    "budget":111.1111
}
```

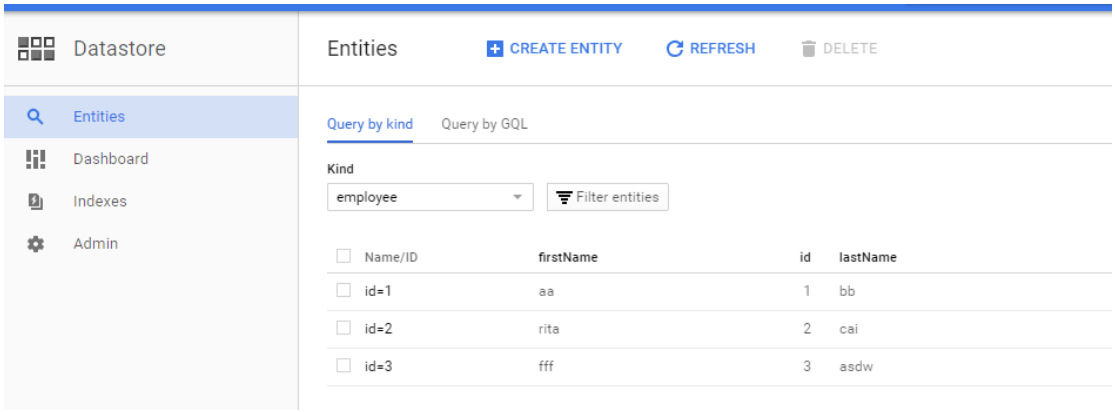


Put

Put …/rest/employee/m

Rest request and response: All Fields

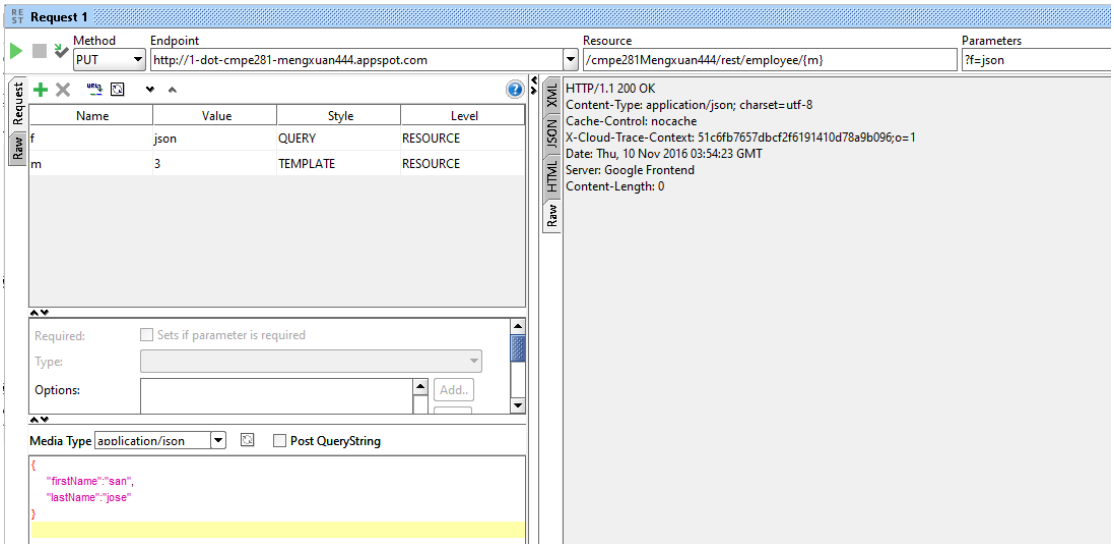
Before

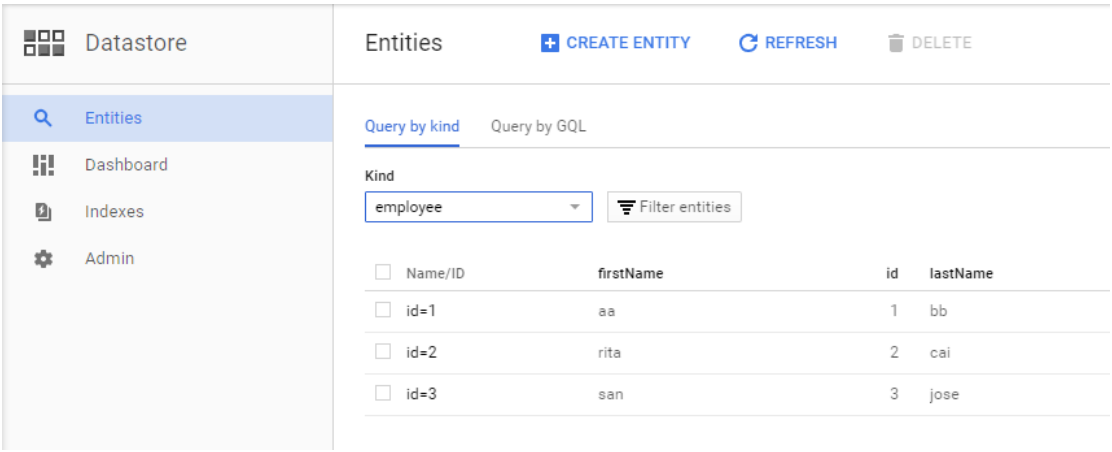


After

Put http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/employee/3?f=json

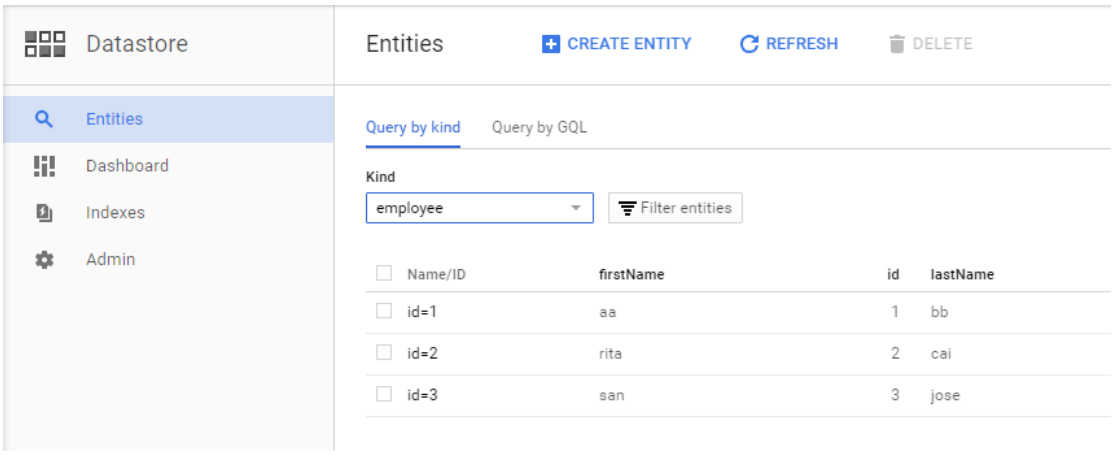
```
{
    "firstName":"san",
    "lastName":"jose"
}
```





Rest request and response: Partial Field

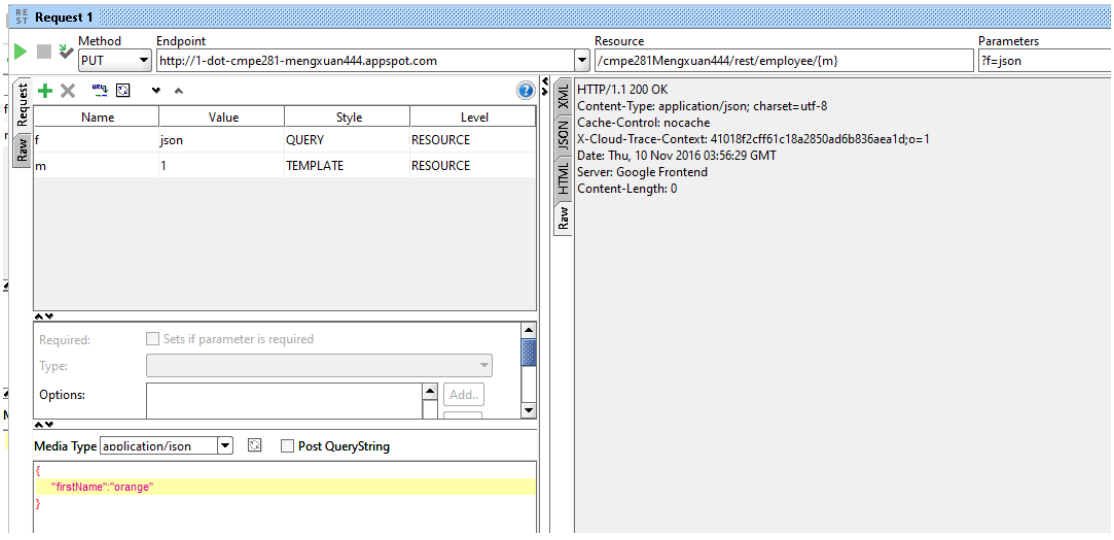
Before

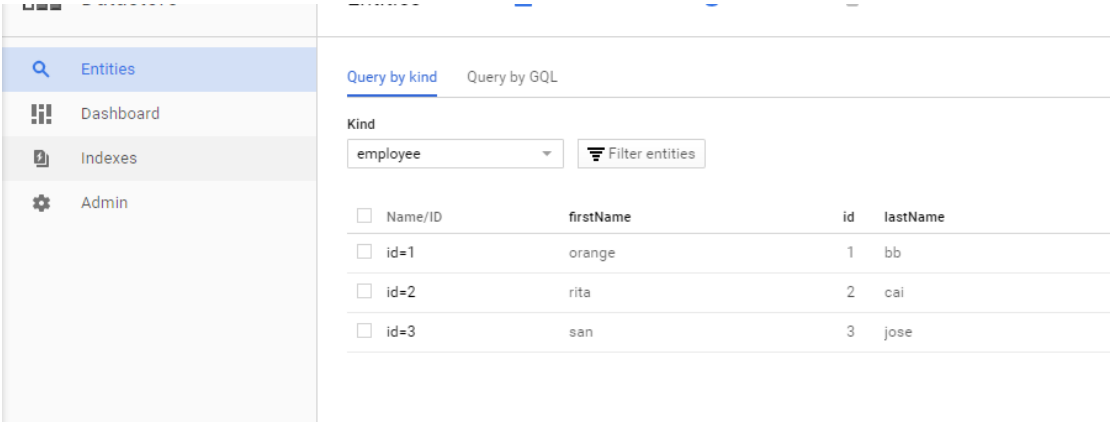


After

Put http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/employee/1?f=json

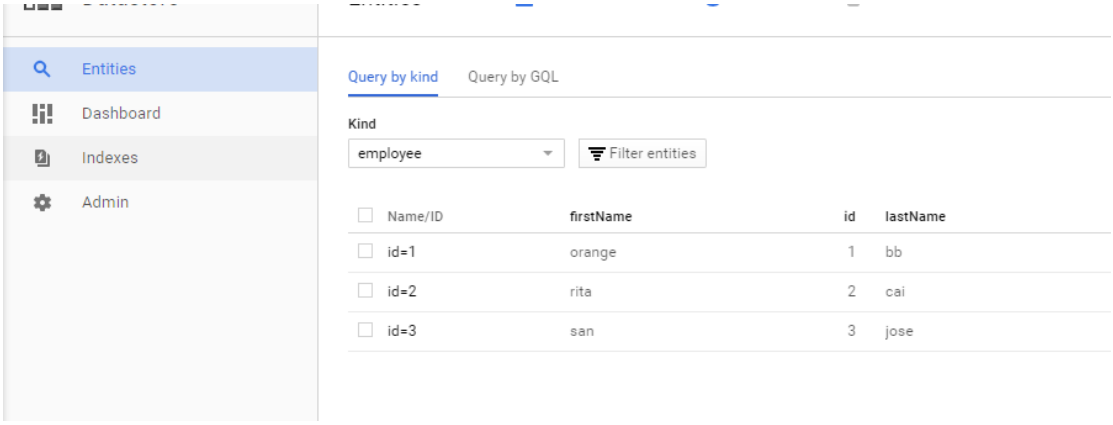
```
{
    "firstName":"orange"
}
```





Rest request and response: Error

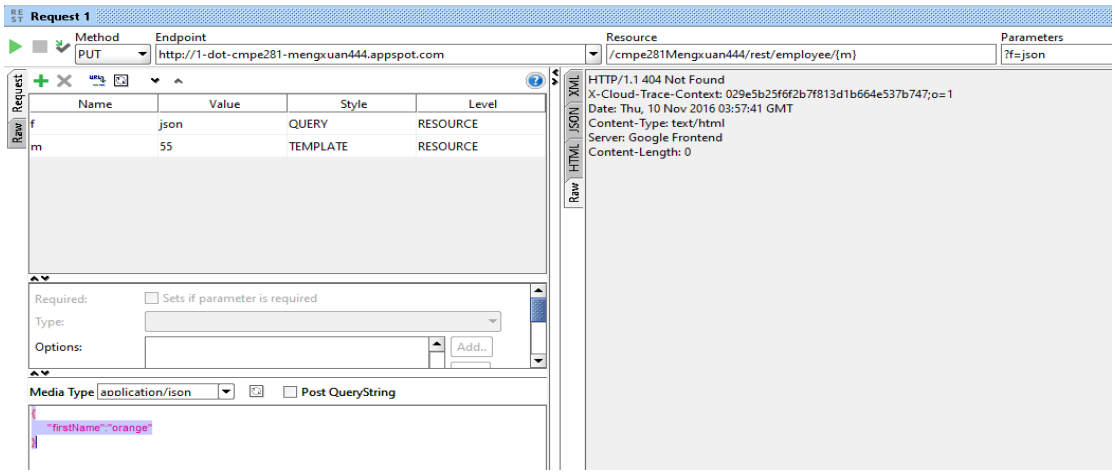
Before



After

Put http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/employee/55?f=json

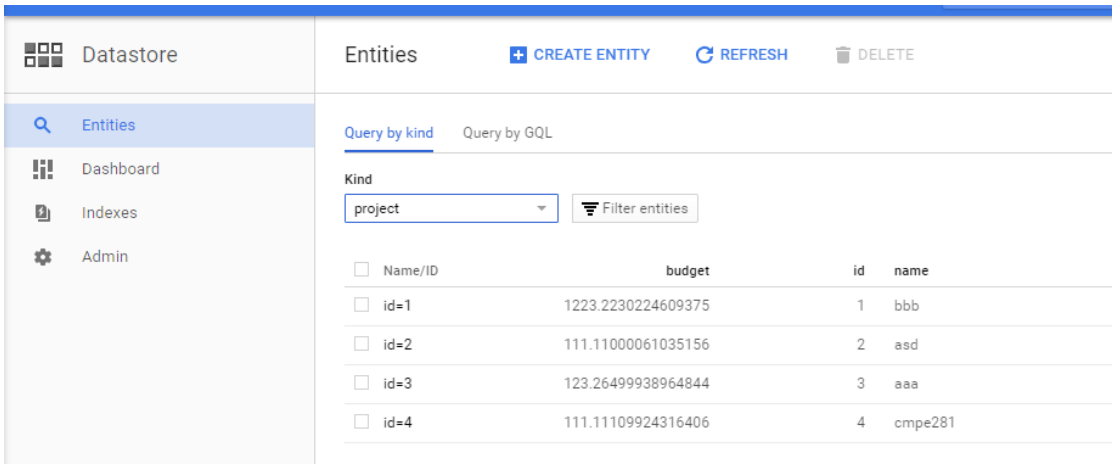
```
{
    "firstName":"orange"
}
```



Put …/rest/project/m

Rest request and response: All Fields

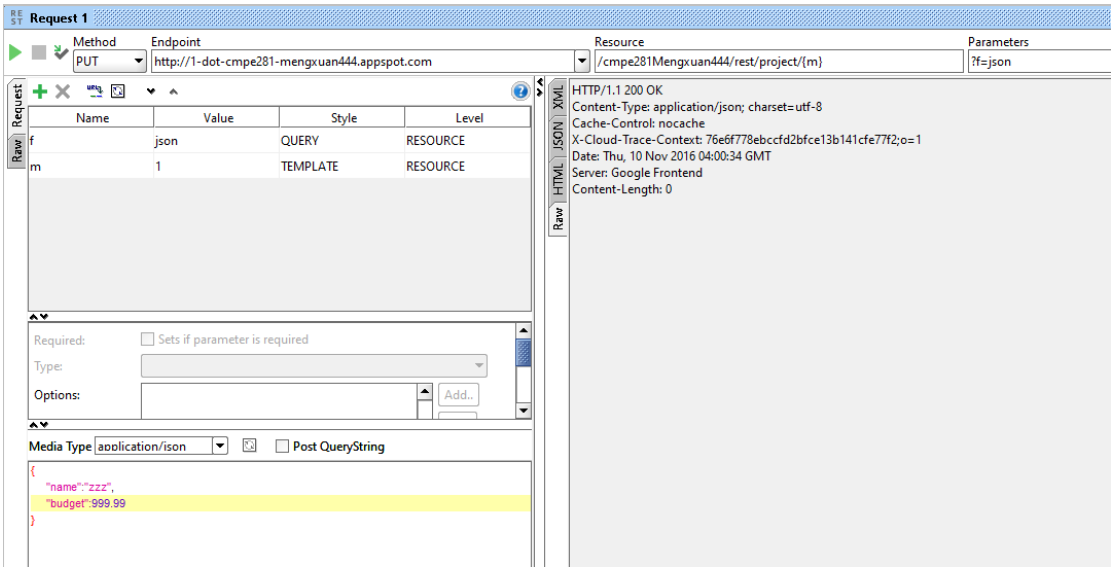
Before

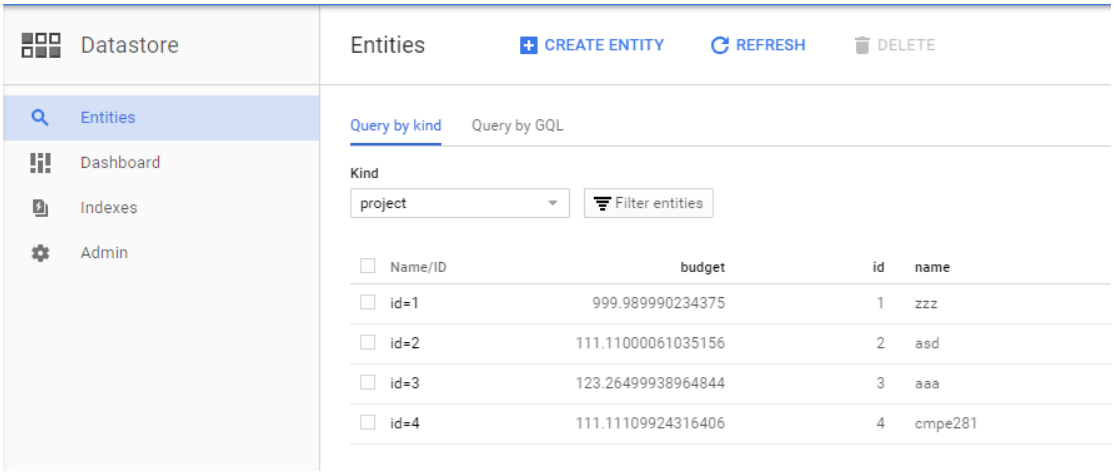


After

Put http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/project/1?f=json

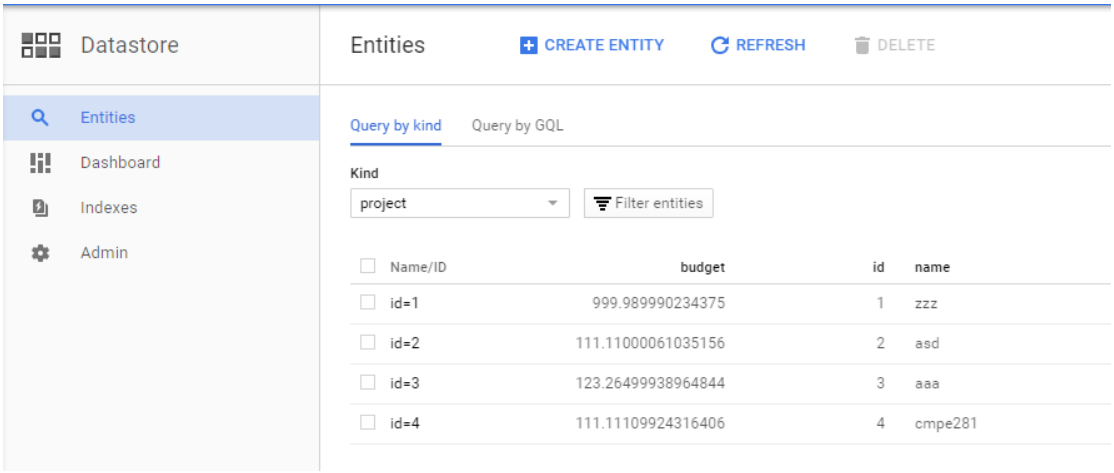
```
{
      "name":"zzz",
      "budget":999.99
}
```


Request 1
Method
PUT
Endpoint
http://1-dot-cmpe281-mengxuan444.appspot.com
Resource
/cmpe281Mengxuan444/rest/project/{m}
Parameters
?f=json
Request
Raw
Name
Value
Style
Level
f
json
QUERY
RESOURCE
m
1
TEMPLATE
RESOURCE
Required:
Sets if parameter is required
Type:
Options:
Add..
Media Type
application/json
Post QueryString
{
"name":"zzz",
"budget":999.99
}
XML
JSON
HTML
Raw
HTTP/1.1 200 OK
Content-Type: application/json; charset=utf-8
Cache-Control: nocache
X-Cloud-Trace-Context: 76e6f778ebccfd2bfce13b141cfe77f2;o=1
Date: Thu, 10 Nov 2016 04:00:34 GMT
Server: Google Frontend
Content-Length: 0


Datastore
Entities
Dashboard
Indexes
Admin
Entities
CREATE ENTITY
REFRESH
DELETE
Query by kind
Query by GQL
Kind
project
Filter entities
Name/ID
budget
id
name
id=1
999.989990234375
1
zzz
id=2
111.11000061035156
2
asd
id=3
123.26499938964844
3
aaa
id=4
111.11109924316406
4
cmpe281

Rest request and response: Partial Field

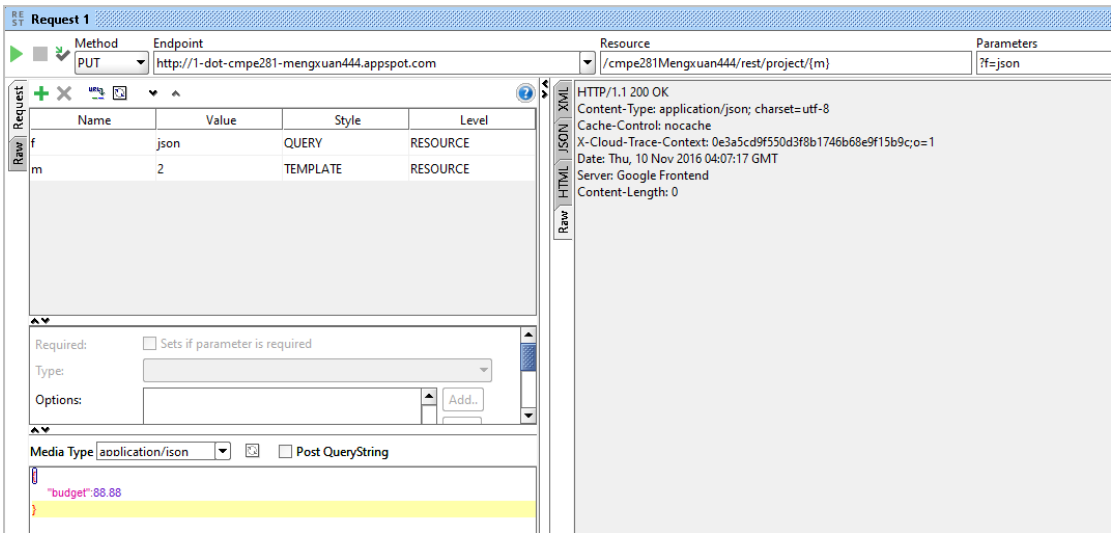
Before

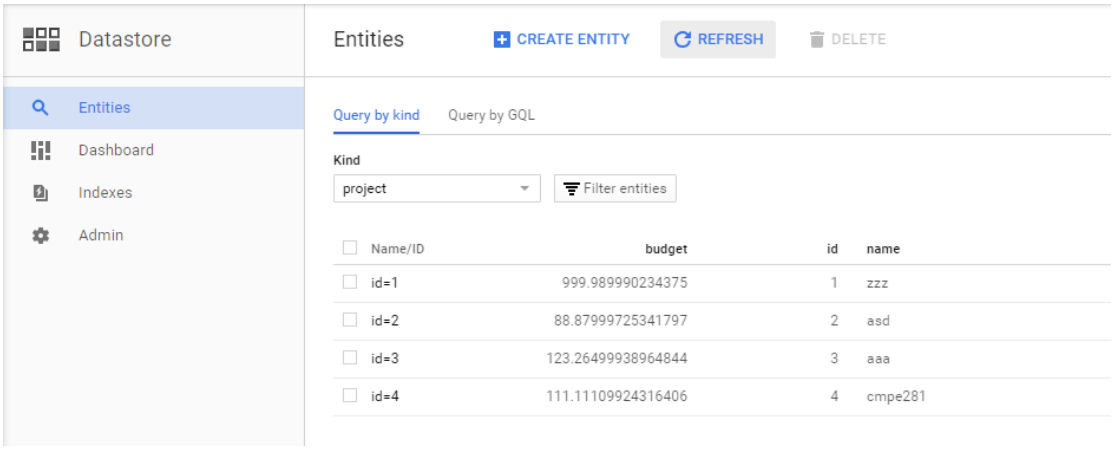


After

Put http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/project/2?f=json

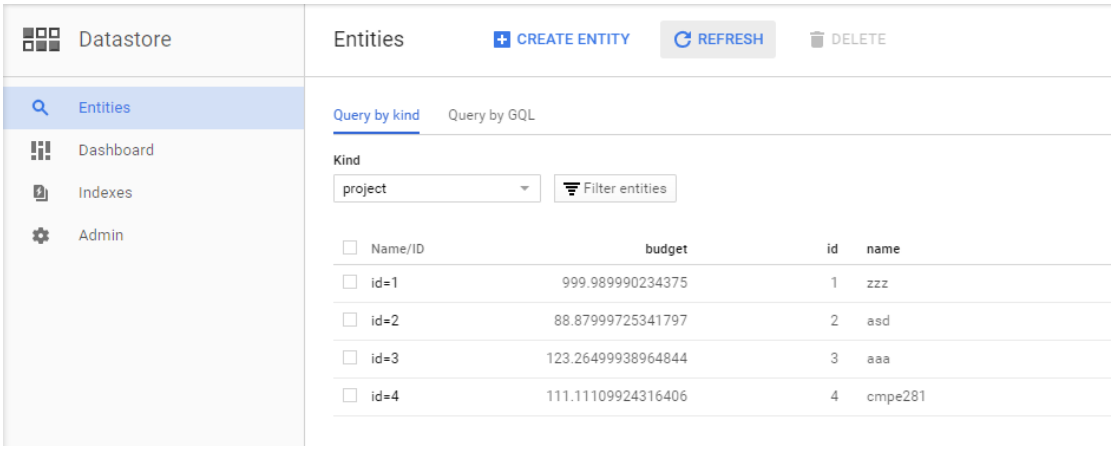
```
{
    "budget":88.88
}
```





Rest request and response: Error

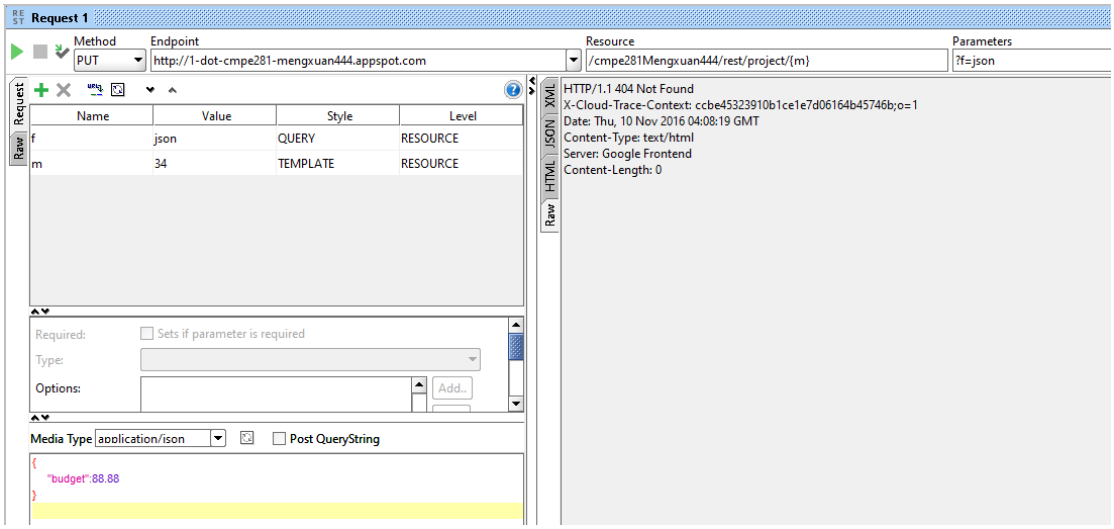
Before



After

Put http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/project/34?f=json

```
{
    "budget":88.88
}
```

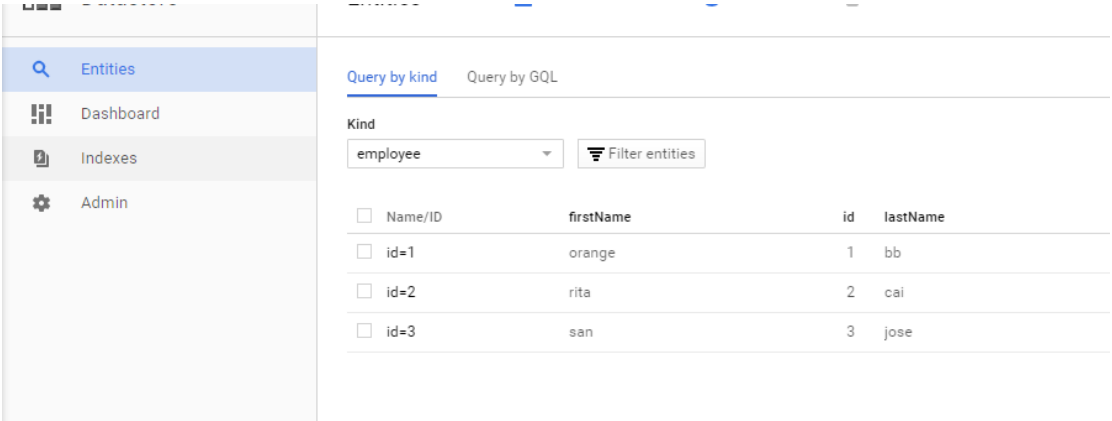


Delete

Delete …/rest/employee/m

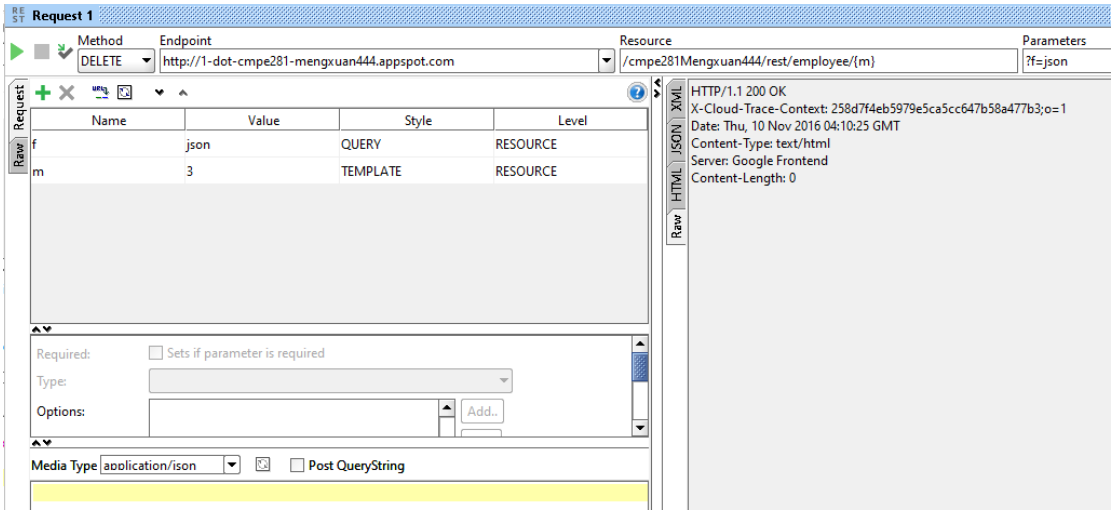
Rest request and response: Success

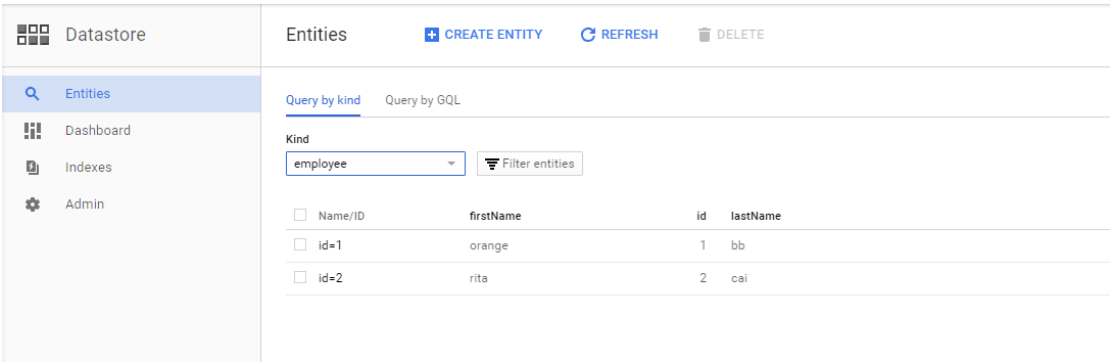
Before



After

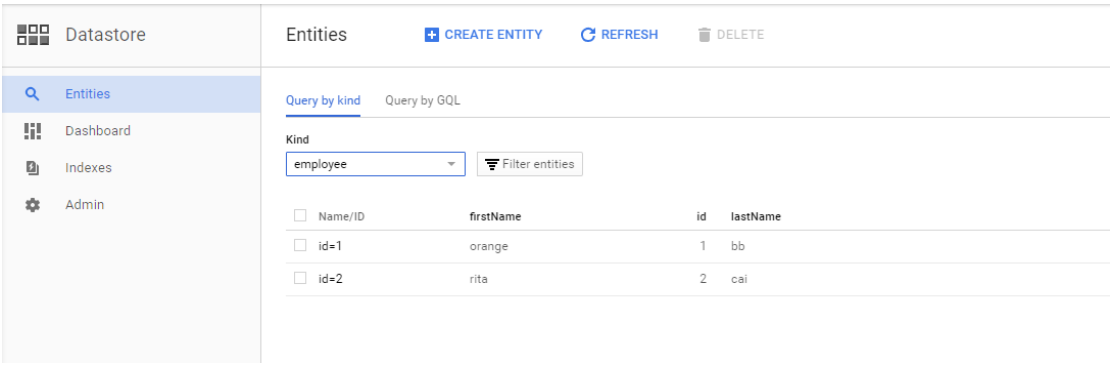
Delete http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/employee/3?f=json





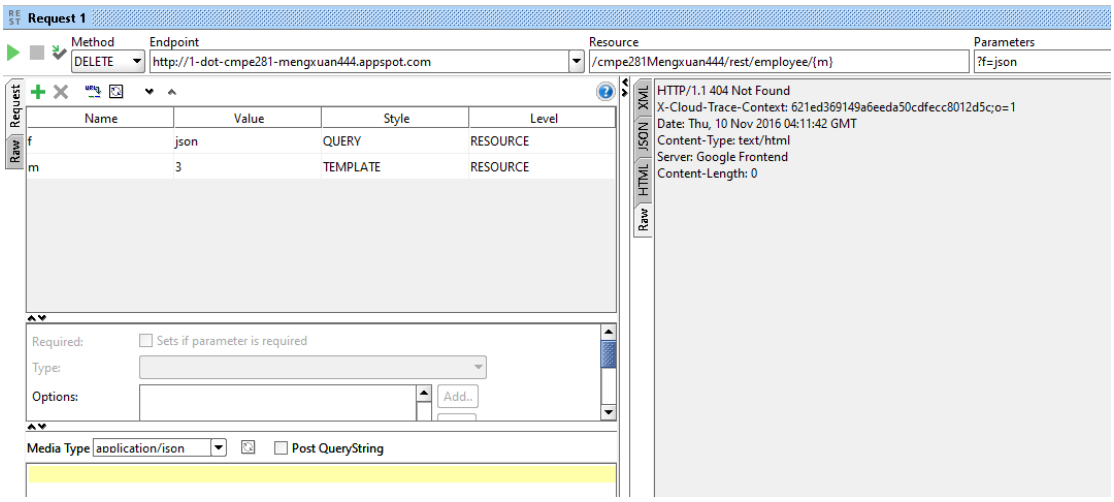
Rest request and response: Error

Before



After

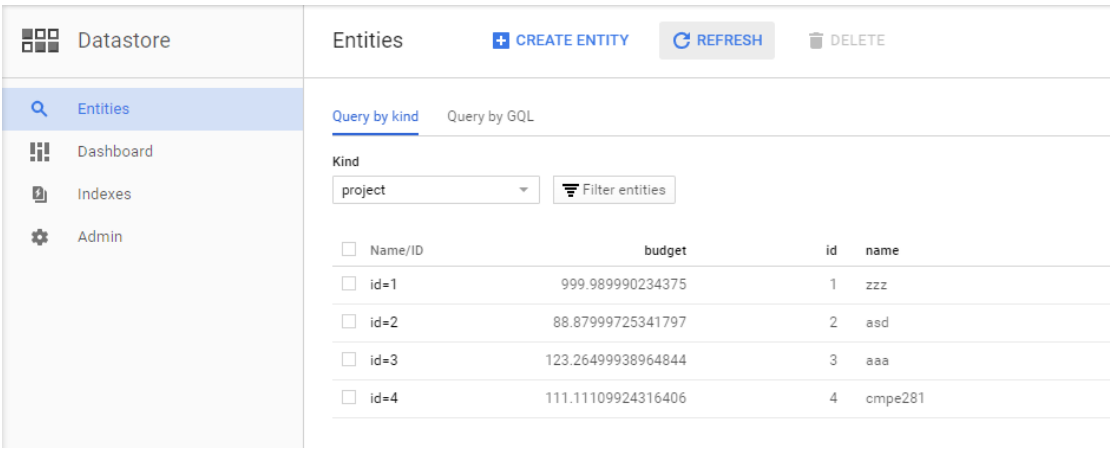
Delete http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/employee/3?f=json



Delete …/rest/project/m

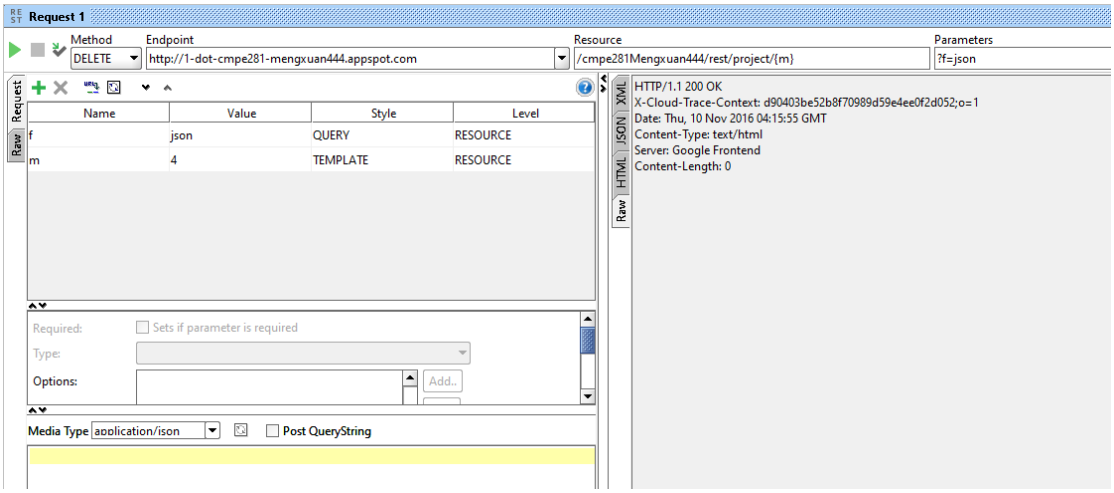
Rest request and response: Success

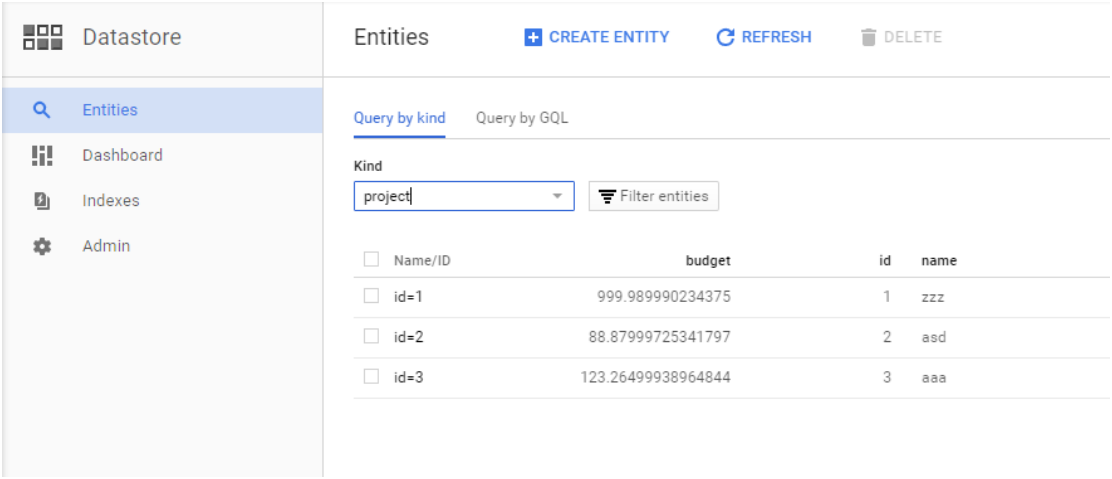
Before



After

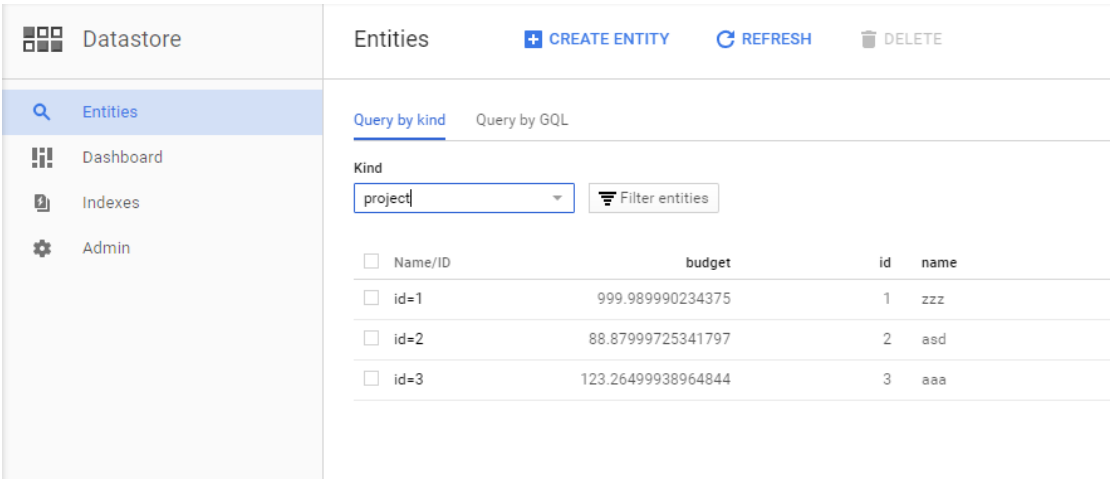
Delete http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/project/4?f=json

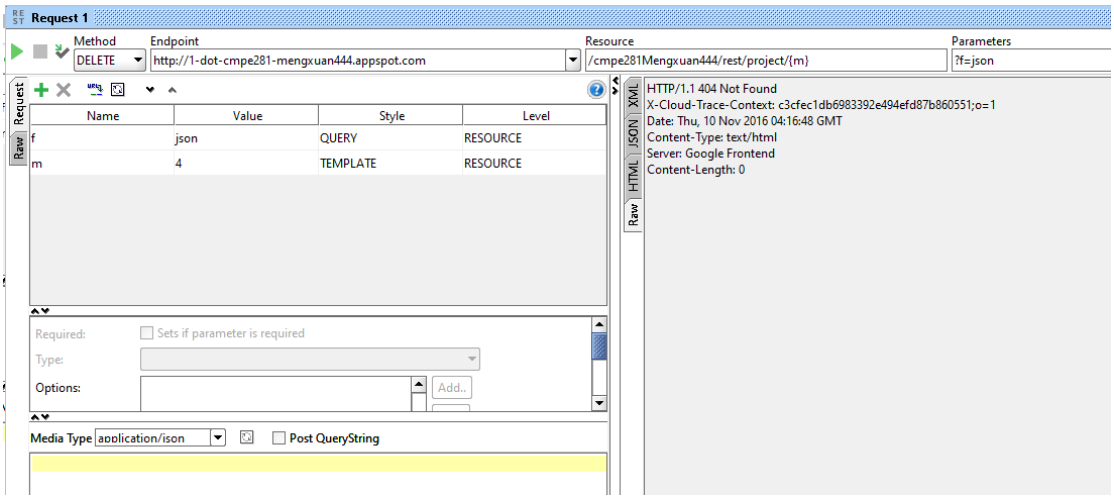

Request 1
Method
DELETE
Endpoint
http://1-dot-cmpe281-mengxuan444.appspot.com
Resource
/cmpe281Mengxuan444/rest/project/{m}
Parameters
?f=json
Request
Raw
Name
Value
Style
Level
f
json
QUERY
RESOURCE
m
4
TEMPLATE
RESOURCE
Required:
Sets if parameter is required
Type:
Options:
Add..
Media Type
application/json
Post QueryString
XML
JSON
HTML
Raw
HTTP/1.1 200 OK
X-Cloud-Trace-Context: d90403be52b8f70989d59e4ee0f2d052;o=1
Date: Thu, 10 Nov 2016 04:15:55 GMT
Content-Type: text/html
Server: Google Frontend
Content-Length: 0


Datastore
Entities
CREATE ENTITY
REFRESH
DELETE
Entities
Dashboard
Indexes
Admin
Query by kind
Query by GQL
Kind
project
Filter entities
Name/ID
budget
id
name
id=1
999.989990234375
1
zzz
id=2
88.87999725341797
2
asd
id=3
123.26499938964844
3
aaa

Rest request and response: Error

Before



After

Delete http:// 1-dot-cmpe281-mengxuan444.appspot.com/cmpe281Mengxuan444/project/4?f=json