

Test in app.py

1: **def** dbs():

GET http://127.0.0.1:5002/api/databases

Params Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 86ms

Pretty Raw Preview Visualize BETA JSON

```
1 [
2   {
3     "Database": "DD"
4   },
5   {
6     "Database": "information_schema"
7   },
8   {
9     "Database": "lahman2019clean"
10  },
11  {
12    "Database": "lahman2019raw"
13  },
14  {
15    "Database": "mysql"
```

2: **def** tbls(dbname):

GET http://127.0.0.1:5002/api/databases/lahman2019clean Send

Params Authorization Headers (7) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION	...
Key	Value	Description	

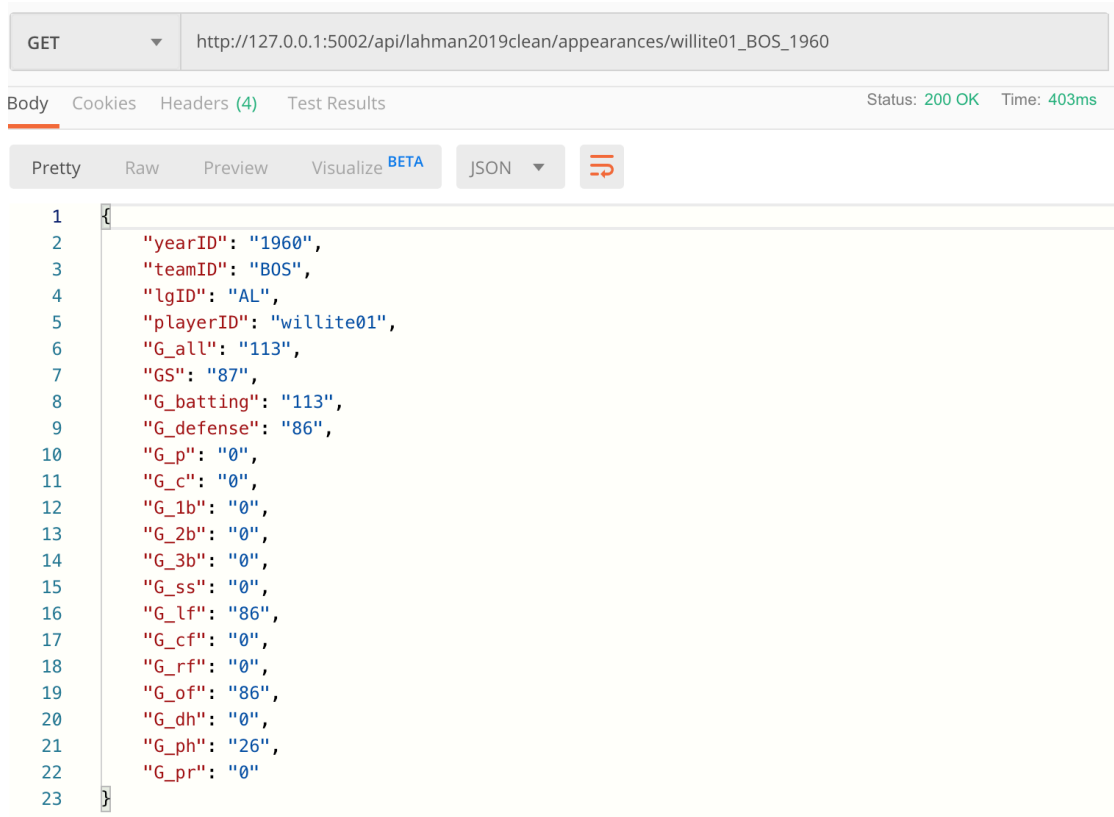
Body Cookies Headers (4) Test Results Status: 200 OK Time: 150ms Size: 1.49 KB Save

Pretty Raw Preview Visualize BETA JSON

```
1 [
2   {
3     "Tables_in_lahman2019clean": "allstarfull"
4   },
5   {
6     "Tables_in_lahman2019clean": "appearances"
7   },
8   {
9     "Tables_in_lahman2019clean": "averageheight"
10  },
11  {
12    "Tables_in_lahman2019clean": "averageheightweight"
13  },
14  {
15    "Tables_in_lahman2019clean": "awardsmanagers"
```

3: **def** resource_by_id(dbname, resource, primary_key):

1) Get



GET http://127.0.0.1:5002/api/lahman2019clean/appearances/willite01_BOS_1960

Status: 200 OK Time: 403ms

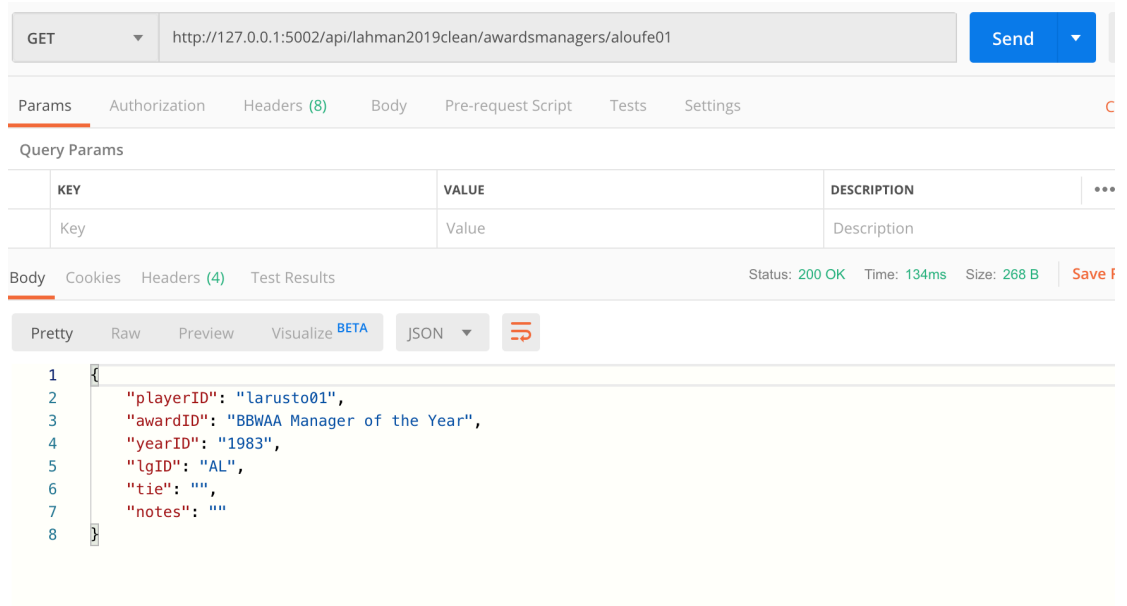
Body Cookies Headers (4) Test Results

Pretty Raw Preview Visualize BETA JSON

```
1 {
2   "yearID": "1960",
3   "teamID": "BOS",
4   "lgID": "AL",
5   "playerID": "willite01",
6   "G_all": "113",
7   "GS": "87",
8   "G_batting": "113",
9   "G_defense": "86",
10  "G_p": "0",
11  "G_c": "0",
12  "G_1b": "0",
13  "G_2b": "0",
14  "G_3b": "0",
15  "G_ss": "0",
16  "G_lf": "86",
17  "G_cf": "0",
18  "G_rf": "0",
19  "G_of": "86",
20  "G_dh": "0",
21  "G_ph": "26",
22  "G_pr": "0"
23 }
```

2) Delete

Before I delete:



GET http://127.0.0.1:5002/api/lahman2019clean/awardsmanagers/aloufe01

Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (4) Test Results

Status: 200 OK Time: 134ms Size: 268 B Save F

Pretty Raw Preview Visualize BETA JSON

```
1 {
2   "playerID": "larusto01",
3   "awardID": "BBWAA Manager of the Year",
4   "yearID": "1983",
5   "lgID": "AL",
6   "tie": "",
7   "notes": ""
8 }
```

Delete 'alouge01'

DELETE ▼ http://127.0.0.1:5002/api/lahman2019clean/awardsmanagers/aloufe01 Send ▼

Params Authorization Headers (9) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 68ms Size: 148 B Save

Pretty Raw Preview Visualize BETA JSON ▼

```
1 179
```

After I delete 'alouge01'

GET ▼ http://127.0.0.1:5002/api/lahman2019clean/awardsmanagers/aloufe01 Send ▼

Params Authorization Headers (8) Body Pre-request Script Tests Settings

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body Cookies Headers (4) Test Results Status: 200 OK Time: 18ms Size: 149 B Save

Pretty Raw Preview Visualize BETA JSON ▼

```
1 null
```

3) Put

Before I update:

GET ▼ http://127.0.0.1:5002/api/lahman2019clean/appearances/willite01_BOS_1960 Send ▼

Pretty Raw Preview Visualize BETA JSON ▼

```
1 {
2   "yearID": "1960",
3   "teamID": "BOS",
4   "lgID": "AL",
5   "playerID": "willite01",
6   "G_all": "113",
7   "GS": "87",
8   "G_batting": "113",
9   "G_defense": "86",
10  "G_p": "0",
11  "G_c": "0",
12  "G_1b": "0",
13  "G_2b": "0",
14  "G_3b": "0",
15  "G_ss": "0",
16  "G_lf": "86",
17  "G_cf": "0",
18  "G_rf": "0",
19  "G_of": "86",
20  "G_dh": "0",
21  "G_ph": "26",
22  "G_pr": "0"
23 }
```

Update 'GS' into '250'

The screenshot shows a REST client interface with a PUT request to the URL `http://127.0.0.1:5002/api/lahman2019clean/appearances/willite01_BOS_1960`. The 'Body' tab is selected, showing a JSON object: `{ "GS": "250" }`. The status bar indicates a successful response with status 200 OK, time 251ms, and size 146 B. Below the status bar, the 'Pretty' tab is selected, showing the response body in a formatted JSON view.

```
PUT http://127.0.0.1:5002/api/lahman2019clean/appearances/willite01_BOS_1960
```

Params Authorization Headers (9) **Body** Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL BETA JSON

```
1 {
2   "GS": "250"
3 }
```

Body Cookies Headers (4) Test Results Status: 200 OK Time: 251ms Size: 146 B

Pretty Raw Preview Visualize BETA JSON

```
1 {
```

After update

The screenshot shows a REST client interface with a GET request to the URL `http://127.0.0.1:5002/api/lahman2019clean/appearances/willite01_BOS_1960`. The 'Pretty' tab is selected, showing the response body in a formatted JSON view. The response contains a single object with various batting statistics, including 'GS' (Games Started) set to 250.

```
GET http://127.0.0.1:5002/api/lahman2019clean/appearances/willite01_BOS_1960
```

Pretty Raw Preview Visualize BETA JSON

```
1 {
2   "yearID": "1960",
3   "teamID": "BOS",
4   "lgID": "AL",
5   "playerID": "willite01",
6   "G_all": "113",
7   "GS": "250",
8   "G_batting": "113",
9   "G_defense": "86",
10  "G_p": "0",
11  "G_c": "0",
12  "G_1b": "0",
13  "G_2b": "0",
14  "G_3b": "0",
15  "G_ss": "0",
16  "G_lf": "86",
17  "G_cf": "0",
18  "G_rf": "0",
19  "G_of": "86",
20  "G_dh": "0",
21  "G_ph": "26",
22  "G_pr": "0"
23 }
```

```
4: def get_resource(dbname, resource_name):
```

1) Get

2) Post

Put ‘chenxu’ into people:

The screenshot shows a REST client interface. At the top, a POST request is configured with the URL `http://127.0.0.1:5002/api/lahman2019clean/people`. A blue "Send" button is visible. The response is displayed in a JSON format, showing a single object with the following fields: `"nameLast": "yang", "nameFirst": "chenxu", "PlayerID": 2554`. The response status is 200 OK, and the time taken is 61ms. The size of the response is 146 B. The "body" tab is selected, and the "Pretty" option is checked for formatting the JSON.

After put 'chenxu' into people

The screenshot shows a REST client interface with a GET request to `http://127.0.0.1:5002/api/lahman2019clean/people`. The request body is a JSON object: `{ "PlayerID": 2554 }`. The response status is 200 OK, with a time of 766ms and a size of 635 B. The response body is a JSON object: `{ "playerID": "2554", "birthYear": null, "birthMonth": null, "birthDay": null, "birthCountry": null, "birthState": null }`.

GET `http://127.0.0.1:5002/api/lahman2019clean/people` Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL BETA JSON

```
1 {
2   "PlayerID": 2554
3 }
```

Body Cookies Headers (4) Test Results Status: 200 OK Time: 766ms Size: 635 B Save

Pretty Raw Preview Visualize BETA JSON

```
1 {
2   {
3     "playerID": "2554",
4     "birthYear": null,
5     "birthMonth": null,
6     "birthDay": null,
7     "birthCountry": null,
8     "birthState": null,
9   }
10 }
```