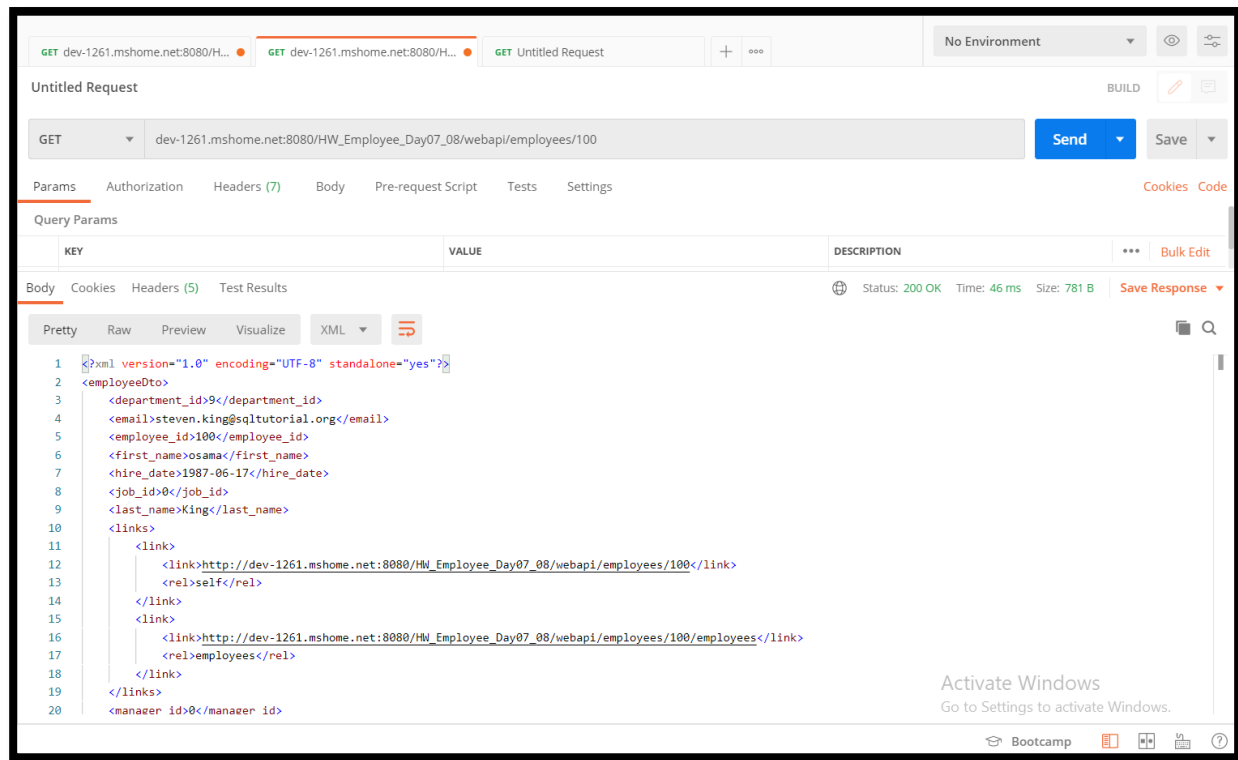


HW Employee 07, 08

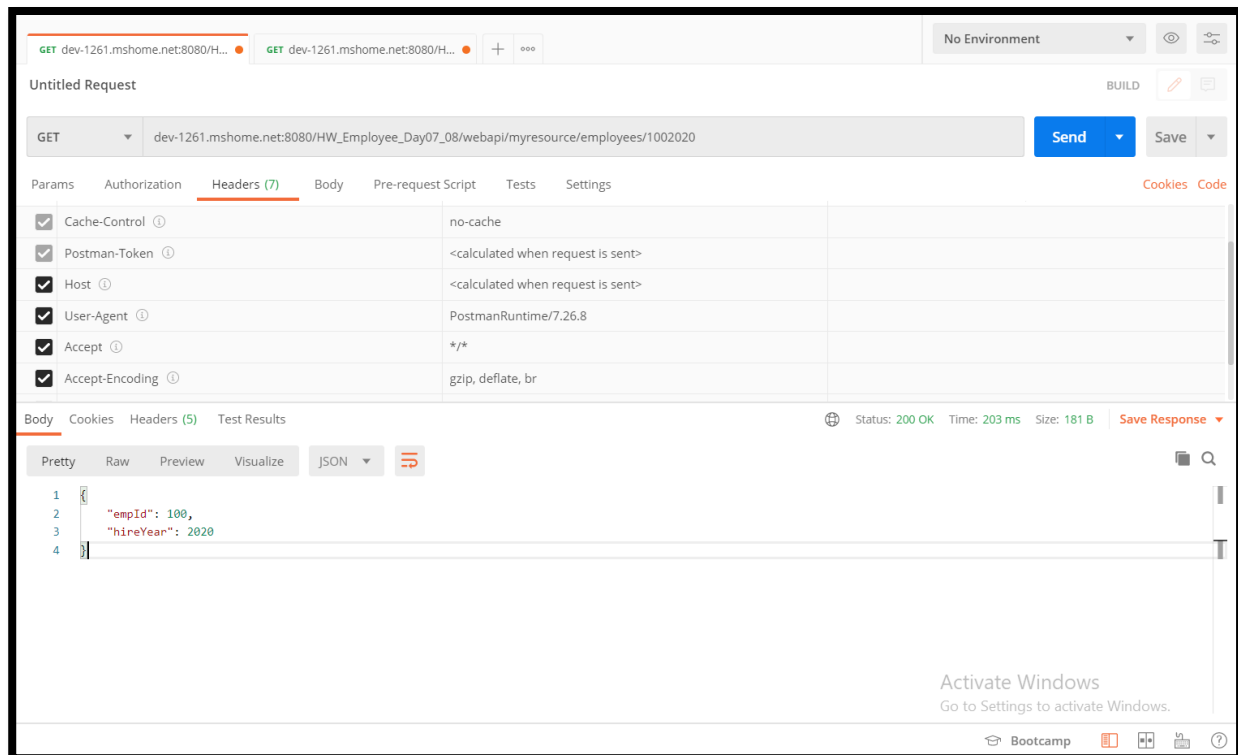
Add Links:



Postman interface showing an HTTP GET request to `dev-1261.mshome.net:8080/HW_Employee_Day07_08/webapi/employees/100`. The response is an XML document with status 200 OK, time 46 ms, and size 781 B. The XML body contains an `employeeDto` and a `links` section with two self-referencing links.

```
1 <?xml version="1.0" encoding="UTF-8" standalone="yes"?>
2 <employeeDto>
3   <department_id>9</department_id>
4   <email>steven.king@sqltutorial.org</email>
5   <employee_id>100</employee_id>
6   <first_name>osama</first_name>
7   <hire_date>1987-06-17</hire_date>
8   <job_id>0</job_id>
9   <last_name>King</last_name>
10  <links>
11    <link>
12      <link>http://dev-1261.mshome.net:8080/HW_Employee_Day07_08/webapi/employees/100</link>
13      <rel>self</rel>
14    </link>
15    <link>
16      <link>http://dev-1261.mshome.net:8080/HW_Employee_Day07_08/webapi/employees/100/employees</link>
17      <rel>employees</rel>
18    </link>
19  </links>
20  <manager_id>0</manager_id>
```

Split String:



Postman interface showing an HTTP GET request to `dev-1261.mshome.net:8080/HW_Employee_Day07_08/webapi/myresource/employees/1002020`. The response is a JSON object with status 200 OK, time 203 ms, and size 181 B. The JSON body contains `empId` and `hireYear` fields.

```
1 {
2   "empId": 100,
3   "hireYear": 2020
4 }
```

Get By Job Id:

Untitled Request

GET http://DEV-1261.mshome.net:8008/HW_Employee_Day07_08/webapi/employees?jobid=4

Send Save

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

Query Params

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> jobid	4	
Key	Value	Description

Body Cookies Headers (5) Test Results Status: 200 OK Time: 9 ms Size: 366 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "department_id": 9,
3   "email": "steven.king@sqltutorial.org",
4   "employee_id": 100,
5   "first_name": "osama",
6   "hire_date": "1987-06-17",
7   "job_id": 4,
8   "last_name": "King",
9   "manager_id": 0,
10  "phone_number": "515.123.4567",
11  "salary": 500.0
12 }
```

Activate Windows
Go to Settings to activate Windows.

Bootcamp

Get By Hair Date:

Untitled Request

GET http://dev-1261.mshome.net:8080/HW_Employee_Day07_08/webapi/employees?hireDate=1987

Send Save

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

Body Cookies Headers (5) Test Results Status: 200 OK Time: 56 ms Size: 590 B Save Response

Pretty Raw Preview Visualize JSON

```
2 {
3   "department_id": 9,
4   "email": "steven.king@sqltutorial.org",
5   "employee_id": 100,
6   "first_name": "osama",
7   "hire_date": "1987-06-17",
8   "job_id": 4,
9   "last_name": "King",
10  "manager_id": 0,
11  "phone_number": "515.123.4567",
12  "salary": 500.0
13 },
14 {
15   "department_id": 1,
16   "email": "jennifer.whalen@sqltutorial.org",
17   "employee_id": 200,
18   "first_name": "Jennifer",
19   "hire_date": "1987-09-17",
20   "job_id": 3,
21   "last_name": "Whalen",
22   "manager_id": 101,
23   "phone_number": "515.123.4444",
24   "salary": 4400.0
25 }
```

Activate Windows
Go to Settings to activate Windows.

Bootcamp

Filter to log:

The screenshot shows the Postman interface with a GET request to `http://DEV-1261.mshome.net:8008/HW_Employee_Day07_08/webapi/employees?hireDate=1987-06-17`. The request is successful, returning a 200 OK status. The response headers are visible, showing a JSON response.

Query Params

KEY	VALUE	DESCRIPTION
hireDate	1987-06-17	
Key	Value	Description

Headers (5)

KEY	VALUE
Server	Payara Micro #badassfish
PoweredBy	SDAIA
Content-Type	application/json
Content-Length	213
X-Frame-Options	SAMEORIGIN

Status: 200 OK Time: 8 ms Size: 366 B Save Response

Exception 404 Not Found:

The screenshot shows the Postman interface with a GET request to `http://DEV-1261.mshome.net:8008/HW_Employee_Day07_08/webapi/employees/500`. The request results in a 404 Not Found status. The response body is displayed in JSON format, showing an error message.

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body

Status: 404 Not Found Time: 8 ms Size: 255 B Save Response

```
1 {
2   "documentationUrl": "https://google.com",
3   "errorCode": 404,
4   "errorContent": "Employee 500Not found"
5 }
```

Exception SQL:

The screenshot shows a REST client interface with a request to `http://DEV-1261.mshome.net:8008/HW_Employee_Day07_08/webapi/employees/100` using the GET method. The response status is `500 Internal Server Error` with a time of `555 ms` and size of `336 B`. The response body is displayed in JSON format, showing an SQL error message.

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body

```
1 {
2   "documentationUrl": "https://google.com",
3   "errorCode": 500,
4   "errorContent": "[SQLITE_ERROR] SQL error or missing database (no such table: employee)"
5 }
```

Activate Windows
Go to Settings to activate Windows.