

HW Employee 07, 08

Add Links:

The screenshot shows a Postman interface with a GET request to `dev-1261.mshome.net:8080/HW_Employee_Day07_08/webapi/employees/100`. The response is an XML document with the following structure:

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<employeeDto>
  <department_id>9</department_id>
  <email>steven.king@sqltutorial.org</email>
  <employee_id>100</employee_id>
  <first_name>osama</first_name>
  <hire_date>1987-06-17</hire_date>
  <job_id>0</job_id>
  <last_name>King</last_name>
  <links>
    <link>
      <link>http://dev-1261.mshome.net:8080/HW_Employee_Day07_08/webapi/employees/100</link>
      <rel>self</rel>
    </link>
    <link>
      <link>http://dev-1261.mshome.net:8080/HW_Employee_Day07_08/webapi/employees/100/employees</link>
      <rel>employees</rel>
    </link>
  </links>
  <manager_id>0</manager_id>
</employeeDto>
```

The status bar indicates a 200 OK response with a time of 46 ms and a size of 781 B.

Split String:

The screenshot shows a Postman interface with a GET request to `dev-1261.mshome.net:8080/HW_Employee_Day07_08/webapi/myresource/employees/1002020`. The response is a JSON object:

```
{
  "empId": 100,
  "hireYear": 2020
}
```

The status bar indicates a 200 OK response with a time of 203 ms and a size of 181 B.

Get By Job Id:

The screenshot shows a Postman interface with a GET request to `http://DEV-1261.mshome.net:8008/HW_Employee_Day07_08/webapi/employees?jobid=4`. The response status is 200 OK, and the body contains a JSON object for an employee.

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

```
{
  "department_id": 9,
  "email": "steven.king@sqltutorial.org",
  "employee_id": 100,
  "first_name": "osama",
  "hire_date": "1987-06-17",
  "job_id": 4,
  "last_name": "King",
  "manager_id": 0,
  "phone_number": "515.123.4567",
  "salary": 500.0
}
```

Get By Hair Date:

The screenshot shows a Postman interface with a GET request to `http://dev-1261.mshome.net:8080/HW_Employee_Day07_08/webapi/employees?hireDate=1987`. The response status is 200 OK, and the body contains a JSON array of two employee objects.

```
[
  {
    "department_id": 9,
    "email": "steven.king@sqltutorial.org",
    "employee_id": 100,
    "first_name": "osama",
    "hire_date": "1987-06-17",
    "job_id": 4,
    "last_name": "King",
    "manager_id": 0,
    "phone_number": "515.123.4567",
    "salary": 500.0
  },
  {
    "department_id": 1,
    "email": "jennifer.whalen@sqltutorial.org",
    "employee_id": 200,
    "first_name": "Jennifer",
    "hire_date": "1987-09-17",
    "job_id": 3,
    "last_name": "Whalen",
    "manager_id": 101,
    "phone_number": "515.123.4444",
    "salary": 4400.0
  }
]
```

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`. The response status is `500 Internal Server Error`. The response body is a JSON object:

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

Join Employee with Job:

The screenshot shows a REST client interface with a request to `http://dev-1261.mshome.net:8008/HrApiDay09_EmpJob/webapi/employees/103`. The response status is `200 OK`. The response body is a JSON object:

```
1 {
2   "department_id": 6,
3   "email": "alexander.hunold@sqltutorial.org",
4   "employee_id": 103,
5   "first_name": "Alexander",
6   "hire_date": "1998-01-03",
7   "job": {
8     "job_id": 9,
9     "job_title": "Programmer",
10    "links": [],
11    "max_salary": 10000.0,
12    "min_salary": 4000.0
13  },
14   "job_id": 9,
15   "last_name": "Hunold",
16   "links": [
17     {
18       "link": "http://dev-1261.mshome.net:8008/HrApiDay09_EmpJob/webapi/employees/103",
19       "rel": "self"
20     },
21     {
22       "link": "http://dev-1261.mshome.net:8008/HrApiDay09_EmpJob/webapi/employees/103/employees",
23       "rel": "employees"
24     }
25   ]
26 }
```