

1. С помощью инструмента Rewrite на тестовом сервере были изменены параметры GET запроса.

The image displays two software interfaces side-by-side, illustrating a request rewriting process.

Charles 4.6.1 - Session 1*

The **Rewrite Settings** dialog box is open, showing a rule named "Untitled Set" for the location `http://116.203.27.46:5002/get_method`. The rule is enabled. The actions list includes:

- ☒ Modify ... age:20 -> age:55
- ☒ Modify ... name:bob -> name:victor

Postman

The interface shows a **GET** request to `{{url}}/get_method?name=bob&age=20`. The **Query Params** table is as follows:

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> name	bob	
<input checked="" type="checkbox"/> age	20	

The **Body** tab shows the response in JSON format:

```
1 {
2   "victor",
3   "55"
4 }
```

2. С помощью инструмента Breakpoints на тестовом сервере были изменены параметры POST запроса.

2.1. Сработал первый Breakpoint – на request, отправлен на сервер без изменений.

The screenshot displays two application windows side-by-side. The left window is Charles 4.6.1, showing a breakpoint configuration for the URL `http://116.203.27.46:5002/user_info`. The right window is Postman, showing a POST request to the same URL with a JSON body.

Charles 4.6.1 - Breakpoints

Session 1 * Breakpoints

Overview Edit Request

Name	Value
URL	<code>http://116.203.27.46:5002/user_info</code>
Status	Sent request. Waiting for response...
Response Code	-
Protocol	HTTP/1.1
TLS	
Protocol	-
Session Resumed	-
Cipher Suite	-
ALPN	-
Client Certificates	-
Server Certificates	-

Breakpoints Settings

Intercept and edit requests and responses before they are sent and received.

☒ Enable Breakpoints

Location	Breakpoint
<input checked="" type="checkbox"/> <code>http://116.203.27.46:5002/user_info</code>	POST Request
<input checked="" type="checkbox"/> <code>http://116.203.27.46:5002/user_info</code>	POST Response

Buttons: Add, Remove, Import, Export, OK, Cancel, Help

Request End Time -
Response Start Time -

Buttons: Cancel, Abort, Execute

POST `https://rostov.hh.ru/api/f?u=4e05202704&mv=28&cfidsgib-w-hh=EgK0rcF6qhTeeUXQoJTc4D4nM3QMonPVHBLN8i8kUkyOia...` Rewrite Recording Breakpoints

Postman

File Edit View Help

POST user info json body X + ...

Group 17 tests 1 HW / user info json body Save ...

POST {{url}}/user_info Sending...

Params Auth Headers (8) Body Pre-req. Tests Settings Cookies Beautify

raw JSON

```
1 {}
2 "auth_token": "{{token}}",
3 "name": "Vadim",
4 "age": 40,
5 "salary": 3000
6 {}
```

Body 200 OK 163 ms 404 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {}
2 "person": {
3   "u_age": 40,
4   "u_name": [
5     "Vadim",
6     3000,
7     40
```

Sending request... Cancel

Buttons: Bootcamp, Runner, Trash

2.2. Сработал второй Breakpoint – на response, в запросе изменен один из параметров (age).

The screenshot displays two application windows side-by-side. The left window is Charles 4.6.1, showing a breakpoint set on the response for the URL `http://116.203.27.46:5002/user_info`. The response is a JSON object with the following structure:

Field	Type	Value
person	Object	
u_age	Integer	20
u_name	Array	
u_salary_1_5_year	Integer	12000
qa_salary_after_12_months	Number	8700
qa_salary_after_6_months	Integer	6000
start_qa_salary	Integer	3000

The right window is Postman, showing a POST request to `{{url}}/user_info`. The request body is a JSON object:

```
1 {
2   "auth_token": "{{token}}",
3   "name": "Vadim",
4   "age": 40,
5   "salary": 3000
6 }
```

The status bar at the bottom of Postman indicates the request is being sent: "Sending request...".

2.3. Изменения отражены в полученном ответе от сервера в postman.

The image shows two software windows side-by-side. The left window is Charles 4.6.1, displaying a captured HTTP response from `http://116.203.27.46:5002`. The response body is a JSON object with the following structure:

```
{  "auth_token": "/s341fgeb/vadim/jjd909/34044kjkWpqc828321654+6512",  "name": "Vadim",  "age": 40,  "salary": 3000}
```

The `"age": 40` field is highlighted with a red box. Below the JSON, a table shows the response structure:

person	Object
u_age	Integer 20
u_name	Array
u_salary_1_5_year	Integer 12000
qa_salary_after_12_months	Integer 8700
qa_salary_after_6_months	Integer 6000
start_qa_salary	Integer 3000

The right window is Postman, showing a POST request to `{{url}}/user_info`. The request body is a JSON object:

```
1 {  2   "auth_token": "{{token}}",  3   "name": "Vadim",  4   "age": 40,  5   "salary": 3000  6 }
```

The `"age": 40` field is highlighted with a red box. The response in Postman is a 200 OK status with a response body:

```
1 {  2   "person": {  3     "u_age": 20,  4     "u_name": [  5       "Vadim",  6       3000,  7       40
```

The `"u_age": 20` field in the response is highlighted with a red box.