

Отчет по теме «Протокол HTTP»

GET запрос с помощью telnet:

```
aleksandr@MacBook-Air-2 ~ % telnet httpbin.org 80
Trying 3.214.119.249...
Connected to httpbin.org.
Escape character is '^]'.
GET / HTTP/1.1
Host: httpbin.org

HTTP/1.1 200 OK
Date: Thu, 20 Feb 2025 13:22:03 GMT
Content-Type: text/html; charset=utf-8
Content-Length: 9593
Connection: keep-alive
Server: gunicorn/19.9.0
Access-Control-Allow-Origin: *
Access-Control-Allow-Credentials: true

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>httpbin.org</title>
  <link href="https://fonts.googleapis.com/css?family=Open+Sans:400,700|Source+Code+Pro:300,600|Titillium+Web:400,600,700"
    rel="stylesheet">
  <link rel="stylesheet" type="text/css" href="/flasgger_static/swagger-ui.css">
  <link rel="icon" type="image/png" href="/static/favicon.ico" sizes="64x64 32x32 16x16" />
  <style>
    html {
      box-sizing: border-box;
      overflow: -moz-scrollbars-vertical;
      overflow-y: scroll;
    }
    *,
    *:before,
    *:after {
      box-sizing: inherit;
    }
    body {
      margin: 0;
      background: #fafafa;
    }
  </style>
</head>
<body>
  <a href="https://github.com/requests/httpbin" class="github-corner" aria-label="View source on Github">
```

POST запрос с помощью telnet:

```
aleksandr@MacBook-Air-2 ~ % telnet httpbin.org 80
Trying 3.214.119.249...
Connected to httpbin.org.
Escape character is '^]'.
POST /post HTTP/1.1
Host: httpbin.org
Content-Type: application/json
Content-Length: 3

{"I"}
HTTP/1.1 200 OK
Date: Thu, 20 Feb 2025 11:45:27 GMT
Content-Type: application/json
Content-Length: 337
Connection: keep-alive
Server: gunicorn/19.9.0
Access-Control-Allow-Origin: *
Access-Control-Allow-Credentials: true

{
  "args": {},
  "data": "{\"I\"",
  "files": {},
  "form": {},
  "headers": {
    "Content-Length": "3",
    "Content-Type": "application/json",
    "Host": "httpbin.org",
    "X-Amzn-Trace-Id": "Root=1-67b715d2-5a2b36ac272c2fdd08bcd3ba"
  },
  "json": null,
  "origin": "194.226.213.253",
  "url": "http://httpbin.org/post"
}
HTTP/1.1 400 Bad Request
Server: awselb/2.0
Date: Thu, 20 Feb 2025 11:45:27 GMT
Content-Type: text/html
Content-Length: 122
Connection: close

<html>
<head><title>400 Bad Request</title></head>
<body>
<center><h1>400 Bad Request</h1></center>
</body>
</html>
Connection closed by foreign host.
```

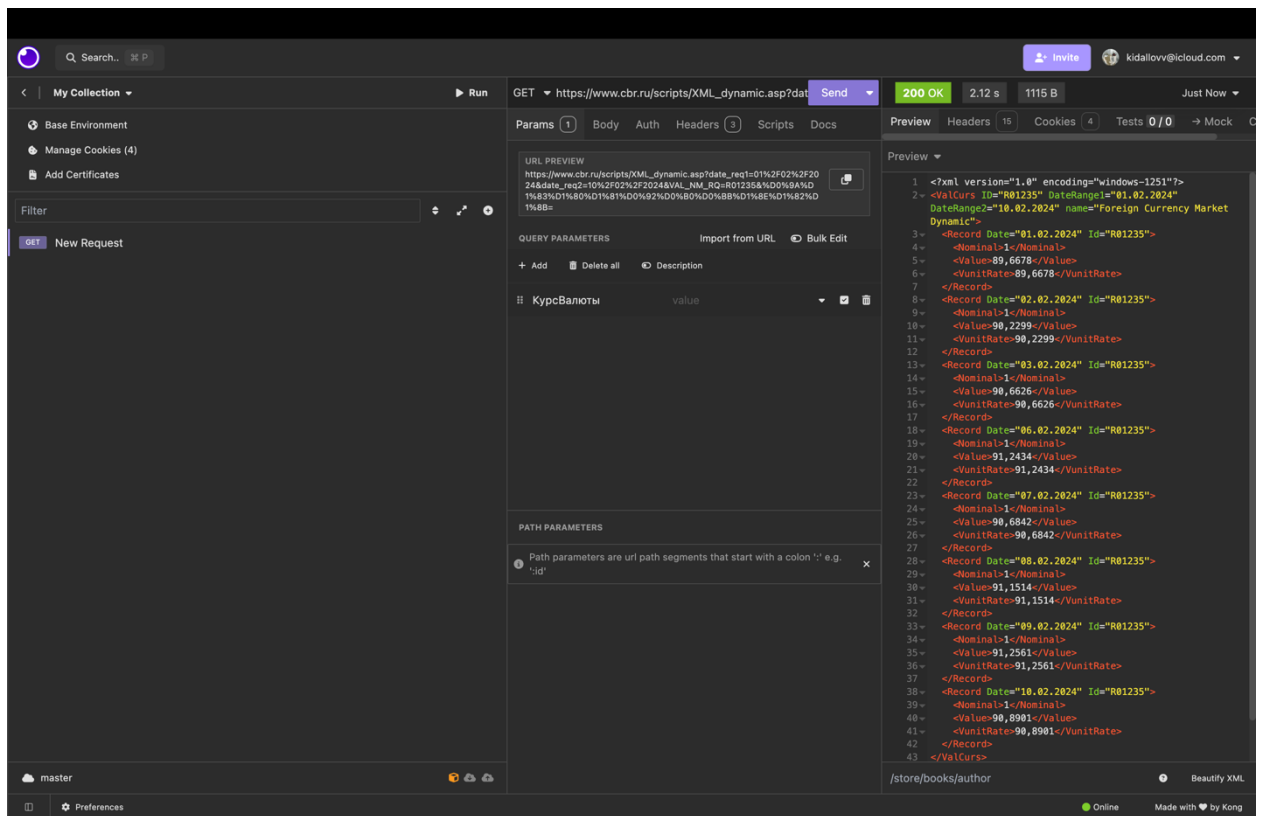
GET запрос с помощью cURL:

```
aleksandr@MacBook-Air-2 ~ % curl -v http://httpbin.org/get
* Trying 3.214.119.249:80...
* Connected to httpbin.org (3.214.119.249) port 80
> GET /get HTTP/1.1
> Host: httpbin.org
> User-Agent: curl/8.4.0
> Accept: */*
>
< HTTP/1.1 200 OK
< Date: Thu, 20 Feb 2025 13:23:48 GMT
< Content-Type: application/json
< Content-Length: 252
< Connection: keep-alive
< Server: gunicorn/19.9.0
< Access-Control-Allow-Origin: *
< Access-Control-Allow-Credentials: true
<
{
  "args": {},
  "headers": {
    "Accept": "*/*",
    "Host": "httpbin.org",
    "User-Agent": "curl/8.4.0",
    "X-Amzn-Trace-Id": "Root=1-67b72ce4-195da40b797996d74e497384"
  },
  "origin": "147.45.69.61",
  "url": "http://httpbin.org/get"
}
* Connection #0 to host httpbin.org left intact
```

POST запрос с помощью cURL:

```
aleksandr@MacBook-Air-2 ~ % curl -X POST http://httpbin.org/post -H "Content-Type: application/json" -d '{"I"}'
{
  "args": {},
  "data": "{\"I\"}",
  "files": {},
  "form": {},
  "headers": {
    "Accept": "*/*",
    "Content-Length": "5",
    "Content-Type": "application/json",
    "Host": "httpbin.org",
    "User-Agent": "curl/8.4.0",
    "X-Amzn-Trace-Id": "Root=1-67b72d07-27af45a957f3f6ab4d8bcf78"
  },
  "json": null,
  "origin": "147.45.69.61",
  "url": "http://httpbin.org/post"
}
```

Запрос в приложении Insomnia на Банк России:



Простейший чат через два терминала:

