

Raport z testów żądań REST w SwaggerUI

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1. Endpoint “/“

The screenshot displays the SwaggerUI interface for a REST API endpoint. The top bar shows the method **GET** and the path **/ Home Page**. Below this, the **Parameters** section indicates "No parameters" and includes a **Cancel** button. The **Execute** button is highlighted in blue, and a **Clear** button is visible. The **Responses** section shows the **Curl** command: `curl -X 'GET' \ 'http://127.0.0.1:8000/' \ -H 'accept: text/html'`. The **Request URL** is `http://127.0.0.1:8000/`. The **Server response** section shows a **Code** of **200** and a **Details** tab. The **Response body** is displayed as HTML code, showing a page with a main heading "What if you invested in CS:GO (CS2) skins?", a list of skins (AK-47, Navaja Knife, Nova), and a form. The **Response headers** are also shown: `content-length: 3929`, `content-type: text/html; charset=utf-8`, `date: Sun, 17 Mar 2024 17:14:27 GMT`, and `server: uvicorn`.

GET / Home Page

Parameters

No parameters

Execute Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/' \
-H 'accept: text/html'
```

Request URL

```
http://127.0.0.1:8000/
```

Server response

Code Details

200

Response body

```
</head>
<body>
  <main>
    <h1>What if you invested in CS:GO (CS2) skins?</h1>

    <div id="skin_crib">
      <h3>Some examples of skins to copy-pasterino down below:</h3>
      <ul>
        <li>AK-47 | The Empress</li>
        <li>★ Navaja Knife | Forest DDPAT</li>
        <li>Nova | Green Apple</li>
      </ul>
    </div>

    <form id="my_form" action="/submit">
      <label for="skin"><h>Skin name</h></label><br>
```

Response headers

```
content-length: 3929
content-type: text/html; charset=utf-8
date: Sun, 17 Mar 2024 17:14:27 GMT
server: uvicorn
```

2. Endpoint “/submit”

a) dla poprawnego zestawu danych

GET /submit Submit Data

Parameters

Cancel

Name	Description
skin • required string (query)	<input type="text" value="AWP Dragon Lore"/>
info_date • required string (query)	<input type="text" value="2019-10-20"/>
wear string (query)	<input type="text" value="Field-Tested"/>
currency string (query)	<input type="text" value="PLN"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/submit?skin=AWP%20%7C%20Dragon%20Lore&info_date=2019-10-20&wear=Field-Tested&currency=PLN'
-H 'accept: text/html'
```

```
http://127.0.0.1:8000/submit?skin=AWP%20%7C%20Dragon%20Lore&info_date=2019-10-20&wear=Field-Tested&currency=PLN
```

Server response

Code	Details
200	<div><div>Response body</div><pre></head> <body> <main> <p>If you had invested your</p> <p>PLN resources in</p> <p>AWP Dragon Lore (Field-Tested) skins</p> <p>on 2019-10-20, </p> <p>you would have a profit</p> <p>of -20.41% now.</p> </main> <form action="."> <input id="go_back" type="submit" value="go back"/> </form> </body> </html></pre><div>Download</div></div> <div><div>Response headers</div><pre>content-length: 1108 content-type: text/html; charset=utf-8 date: Sun, 17 Mar 2024 17:15:23 GMT server: uvicorn</pre></div>

b) dla błędnej daty / błędnego formatu daty

GET /submit Submit Data

Parameters

Cancel

Name	Description
skin • required string (query)	<input type="text" value="AWP Dragon Lore"/>
info_date • required string (query)	<input type="text" value="2019-10-34"/>
wear string (query)	<input type="text" value="Field-Tested"/>
currency string (query)	<input type="text" value="PLN"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/submit?skin=AWP%20%7C%20Dragon%20Lore&info_date=2019-10-34&wear=Field-Tested&currency=PLN' \
-H 'accept: text/html'
```

Request URL

```
http://127.0.0.1:8000/submit?skin=AWP%20%7C%20Dragon%20Lore&info_date=2019-10-34&wear=Field-Tested&currency=PLN
```

Server response

Code	Details
400	Error: Bad Request

Undocumented

Response body

```
form {
  margin-top: 40px;
}
</style>
</head>
<body>
  <main>
    <h1>Error page!</h1>
    <p> The date parameter must be a valid date in format YYYY-MM-DD. </p>
  </main>

  <form action=".">
    <input type="submit" value="go back"/>
  </form>
</body>
</html>
```

Download

Response headers

```
content-length: 690
content-type: text/html; charset=utf-8
date: Sun, 17 Mar 2024 17:16:03 GMT
server: uvicorn
```

c) dla błędnego kodu waluty

GET /submit Submit Data

Parameters

Cancel

Name	Description
skin • required string (query)	<input type="text" value="AWP Dragon Lore"/>
info_date • required string (query)	<input type="text" value="2019-10-20"/>
wear string (query)	<input type="text" value="Field-Tested"/>
currency string (query)	<input type="text" value="XXX"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/submit?skin=AWP%20%7C%20Dragon%20Lore&info_date=2019-10-20&wear=Field-Tested&currency=XXX'
-H 'accept: text/html'
```

Request URL

```
http://127.0.0.1:8000/submit?skin=AWP%20%7C%20Dragon%20Lore&info_date=2019-10-20&wear=Field-Tested&currency=XXX
```

Server response

Code	Details
400	Error: Bad Request

Undocumented

Response body

```
    form {
      margin-top: 40px;
    }
  }
</style>
</head>
<body>
  <main>
    <h1>Error page!</h1>
    <p> The base currency is not valid. Please check https://api.fxratesapi.com/currencie
s?format=tsv list of supported currencies. </p>
  </main>

  <form action="."/>
    <input type="submit" value="go back"/>
  </form>
</body>
</html>
```

Download

Response headers

```
content-length: 752
content-type: text/html; charset=utf-8
date: Sun, 17 Mar 2024 17:16:41 GMT
server: uvicorn
```

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d) dla błędnej nazwy skina

GET /submit Submit Data

Parameters

Name	Description
skin • required string (query)	AWP Draxxxxxxxx
info_date • required string (query)	2019-10-20
wear string (query)	Field-Tested
currency string (query)	PLN

Execute Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/submit?skin=AWP%20%7C%20Draxxxxxxxx&info_date=2019-10-20&wear=Field-Tested&currency=PLN' \
-H 'accept: text/html'
```

Request URL

```
http://127.0.0.1:8000/submit?skin=AWP%20%7C%20Draxxxxxxxx&info_date=2019-10-20&wear=Field-Tested&currency=PLN
```

Server response

Code	Details
400 Undocumented	Error: Bad Request

Response body

```
form {
  margin-top: 40px;
}
</style>
</head>
<body>
  <main>
    <h1>Error page!</h1>
    <p> Item &#39;AWP | Draxxxxxxxx (Field-Tested)&#39; has never been sold on Steam market. </p>
  </main>
  <form action="/>
```

Response headers

```
content-length: 715
content-type: text/html; charset=utf-8
date: Sun, 17 Mar 2024 17:17:05 GMT
server: uvicorn
```

Jakość skina (pole wear) w zapytaniu do serwera jest odpowiednio sklejana z nazwą skina, wobec czego nie ma po co testować tego pola osobno.

e) dla zbyt wczesnej daty

GET /submit Submit Data

Parameters

Cancel

Name	Description
skin required string (query)	<input type="text" value="AWP Dragon Lore"/>
info_date required string (query)	<input type="text" value="2010-10-20"/>
wear string (query)	<input type="text" value="Field-Tested"/>
currency string (query)	<input type="text" value="PLN"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/submit?skin=AWP%20%7C%20Dragon%20Lore&info_date=2010-10-20&wear=Field-Tested&currency=PLN'
-H 'accept: text/html'
```

Request URL

```
http://127.0.0.1:8000/submit?skin=AWP%20%7C%20Dragon%20Lore&info_date=2010-10-20&wear=Field-Tested&currency=PLN
```

Server response

Code	Details
400	Error: Bad Request

Undocumented

Response body

```
form {
  margin-top: 40px;
}
</style>
</head>
<body>
  <main>
    <h1>Error page!</h1>
    <p> First sale of &#39;AWP | Dragon Lore (Field-Tested)&#39; took place on 2014-07-0
2, i.e. later than 2010-10-20. </p>
  </main>

  <form action=".">
    <input type="submit" value="go back"/>
  </form>
</body>
</html>
```

Download

Response headers

```
content-length: 739
content-type: text/html; charset=utf-8
date: Sun, 17 Mar 2024 17:17:28 GMT
server: uvicorn
```

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3. Endpoint “/skin”

a) dla poprawnej nazwy skina

GET /skin Get Skin Info

Parameters

Cancel

Name	Description
name required string (query)	AWP Dragon Lore (Field-Tested)

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/skin?name=AWP%20%7C%20Dragon%20Lore%20%28Field-Tested%29' \
-H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/skin?name=AWP%20%7C%20Dragon%20Lore%20%28Field-Tested%29
```

Server response

Code	Details
200	<div><div>Response body</div><div><pre>[["Jul 02 2014 01: +0", 219.025, "5"], ["Jul 03 2014 01: +0", 213.102, "3"], ["Jul 04 2014 01: +0", 169.252, "2"],]</pre></div><div>Download</div></div> <div>Response headers</div> <div><pre>content-length: 34105 content-type: application/json date: Sun, 17 Mar 2024 17:18:02 GMT server: uvicorn</pre></div>

b) dla błędnej nazwy skina

GET /skin Get Skin Info

Parameters

Cancel

Name	Description
name required string (query)	<input type="text" value="AWP Dragxxxxxxx (Field-Tested)"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/skin?name=AWP%20%7C%20Dragxxxxxxx%20%28Field-Tested%29' \
-H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/skin?name=AWP%20%7C%20Dragxxxxxxx%20%28Field-Tested%29
```

Server response

Code	Details
400 <i>Undocumented</i>	Error: Bad Request

Response body

```
"Item 'AWP | Dragxxxxxxx (Field-Tested)' has never been sold on Steam market."
```

Download

Response headers

```
content-length: 79
content-type: application/json
date: Sun, 17 Mar 2024 17:18:53 GMT
server: uvicorn
```


c) dla niedostępnego serwisu (tutaj: brak połączenia internetowego)

GET

/skin Get Skin Info

^

Parameters

Cancel

Name	Description
name required string (query)	<input type="text" value="AWP Dragon Lore (Field-Tested)"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/skin?name=AWP%20%7C%20Dragon%20Lore%20%28Field-Tested%29' \
-H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/skin?name=AWP%20%7C%20Dragon%20Lore%20%28Field-Tested%29
```

Server response

Code	Details
503 <i>Undocumented</i>	Error: Service Unavailable

Response body

```
"CSGO Backpack service is unavailable now."
```

Download

Response headers

```
content-length: 43
content-type: application/json
date: Sun, 17 Mar 2024 17:45:16 GMT
server: unicorn
```

4. Endpoint “/hist-currency”

a) dla poprawnego zestawu danych

GET /hist-currency Get Hist Currency

Parameters

Cancel

Name	Description
date required	
string (query)	<input type="text" value="2017-08-19"/>
currency	
string (query)	<input type="text" value="PLN"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/hist-currency?date=2017-08-19&currency=PLN' \
-H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/hist-currency?date=2017-08-19&currency=PLN
```

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "success": true, "terms": "https://fxratesapi.com/legal/terms-conditions", "privacy": "https://fxratesapi.com/legal/privacy-policy", "timestamp": 1503187140, "date": "2017-08-19T23:59:00.000Z", "base": "PLN", "rates": { "USD": 0.2748612 } }</pre></div><div>Download</div></div> <div><div>Response headers</div><div><pre>content-length: 224 content-type: application/json date: Sun, 17 Mar 2024 17:19:44 GMT server: uvicorn</pre></div></div>

b) dla również poprawnego zestawu danych, ale dla waluty USD

GET /hist-currency Get Hist Currency

Parameters

Name	Description
date • required string (query)	2017-08-19
currency string (query)	USD

Execute Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/hist-currency?date=2017-08-19&currency=USD' \
-H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/hist-currency?date=2017-08-19&currency=USD
```

Server response

Code	Details
200	<p>Response body</p> <pre>{ "success": true, "terms": "https://fxratesapi.com/legal/terms-conditions", "privacy": "https://fxratesapi.com/legal/privacy-policy", "timestamp": 1503187140, "date": "2017-08-19T23:59:00.000Z", "base": "USD", "rates": { "USD": 1 } }</pre> <p>Download</p> <p>Response headers</p> <pre>content-length: 218 content-type: application/json date: Sun, 17 Mar 2024 17:20:18 GMT server: uvicorn</pre>

Wymagało to osobnej obsługi w kodzie w związku z błędnym działaniem *FXRatesApi* dla takich argumentów w query.

c) dla błędnej waluty

GET

/hist-currency

Get Hist Currency

^

Parameters

Cancel

Name	Description
date • required	
string	<input type="text" value="2017-08-19"/>
(query)	
currency	
string	<input type="text" value="XXX"/>
(query)	

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/hist-currency?date=2017-08-19&currency=XXX' \
-H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/hist-currency?date=2017-08-19&currency=XXX
```

Server response

Code	Details
400	Error: Bad Request

Undocumented

Response body

```
"The base currency is not valid. Please check https://api.fxratesapi.com/currencies?format=tsv
list of supported currencies."
```

Download

Response headers

```
content-length: 125
content-type: application/json
date: Sun, 17 Mar 2024 17:20:31 GMT
server: uvicorn
```

d) dla błędnej daty (lub błędnego formatu daty)

GET

/hist-currency

Get Hist Currency

^

Parameters

Cancel

Name	Description
date • required string (query)	<input type="text" value="20-08-2017"/>
currency string (query)	<input type="text" value="PLN"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/hist-currency?date=20-08-2017&currency=PLN' \
-H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/hist-currency?date=20-08-2017&currency=PLN
```

Server response

Code	Details
400 <i>Undocumented</i>	Error: Bad Request

Response body

```
"The date parameter must be a valid date in format YYYY-MM-DD."
```

Download

Response headers

```
content-length: 63
content-type: application/json
date: Sun, 17 Mar 2024 17:20:54 GMT
server: uvicorn
```

e) dla przyszłej daty

GET /hist-currency Get Hist Currency

Parameters

Cancel

Name	Description
date • required string (query)	<input type="text" value="2024-04-19"/>
currency string (query)	<input type="text" value="PLN"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \  
  'http://127.0.0.1:8000/hist-currency?date=2024-04-19&currency=PLN' \  
  -H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/hist-currency?date=2024-04-19&currency=PLN
```

Server response

Code	Details
400 <i>Undocumented</i>	Error: Bad Request

Response body

```
"The date parameter must be a date for today or in the past. (Timezone is UTC)"
```

Download

Response headers

```
content-length: 79  
content-type: application/json  
date: Sun, 17 Mar 2024 17:21:11 GMT  
server: unicorn
```

f) dla zbyt wczesnej daty dla danej waluty (np. dla Ethereum)

GET

/hist-currency

Get Hist Currency

^

Parameters

Cancel

Name	Description
date required	
string	2002-01-19
(query)	
currency	
string	ETH
(query)	

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/hist-currency?date=2002-01-19&currency=ETH' \
-H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/hist-currency?date=2002-01-19&currency=ETH
```

Server response

Code	Details
500	Error: Internal Server Error

Undocumented

Response body

```
"No data about ETH from 2002-01-19."
```

Download

Response headers

```
content-length: 36
content-type: application/json
date: Sun, 17 Mar 2024 18:28:07 GMT
server: uvicorn
```

g) dla niedostępnego serwisu (tutaj: brak połączenia internetowego)

GET

/hist-currency

Get Hist Currency

^

Parameters

Cancel

Name	Description
date required	
string	2024-01-19
(query)	
currency	
string	PLN
(query)	

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/hist-currency?date=2024-01-19&currency=PLN' \
-H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/hist-currency?date=2024-01-19&currency=PLN
```

Server response

Code	Details
503	Error: Service Unavailable

Undocumented

Response body

```
"FXRatesAPI service is unavailable now."
```

Download

Response headers

```
content-length: 40
content-type: application/json
date: Sun, 17 Mar 2024 17:46:07 GMT
server: uvicorn
```


5. Endpoint “/now-currency”

a) dla poprawnego kodu waluty

GET /now-currency Get Valid Currency

Parameters

Cancel

Name	Description
currency string (query)	<input type="text" value="PLN"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/now-currency?currency=PLN' \
-H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/now-currency?currency=PLN
```

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "success": true, "terms": "https://fxratesapi.com/legal/terms-conditions", "privacy": "https://fxratesapi.com/legal/privacy-policy", "timestamp": 1710696060, "date": "2024-03-17T17:21:00.000Z", "base": "USD", "rates": { "PLN": 3.94608057 } }</pre></div><div>Download</div></div> <div><div>Response headers</div><div><pre>content-length: 225 content-type: application/json date: Sun, 17 Mar 2024 17:21:41 GMT server: uvicorn</pre></div></div>

b) dla kodu waluty = USD (również poprawnego)

GET /now-currency Get Valid Currency

Parameters

Cancel

Name	Description
currency string (query)	<input type="text" value="USD"/>

ExecuteClear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/now-currency?currency=USD' \
-H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/now-currency?currency=USD
```

Server response

Code	Details
200	<div><div>Response body<pre>{ "success": true, "terms": "https://fxratesapi.com/legal/terms-conditions", "privacy": "https://fxratesapi.com/legal/privacy-policy", "timestamp": 1710696120, "date": "2024-03-17T17:22:00.000Z", "base": "USD", "rates": { "USD": 1 } }</pre></div><div>Download</div></div> <div><div>Response headers<pre>content-length: 216 content-type: application/json date: Sun, 17 Mar 2024 17:22:10 GMT server: uvicorn</pre></div></div>

Tutaj np. nie było potrzeby dodatkowej obsługi USD - api działało poprawnie.

c) dla błędnej waluty

GET /now-currency Get Valid Currency

Parameters

Cancel

Name	Description
currency string (query)	<input type="text" value="XXX"/>

ExecuteClear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/now-currency?currency=XXX' \
-H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/now-currency?currency=XXX
```

Server response

Code	Details
400 <i>Undocumented</i>	Error: Bad Request Response body <pre>"The currencies parameter is not valid. Please check https://api.fxratesapi.com/currencies?format=tsv list of supported currencies."</pre> <div>Download</div>

Response headers

```
content-length: 132
content-type: application/json
date: Sun, 17 Mar 2024 17:22:19 GMT
server: uvicorn
```

f) dla niedostępnego serwisu (tutaj: brak połączenia internetowego)

GET /now-currency Get Valid Currency

Parameters

Cancel

Name	Description
currency string <i>(query)</i>	<input type="text" value="XXX"/>

Execute

Clear

Responses

Curl

```
curl -X 'GET' \
'http://127.0.0.1:8000/now-currency?currency=XXX' \
-H 'accept: application/json'
```

Request URL

```
http://127.0.0.1:8000/now-currency?currency=XXX
```

Server response

Code	Details
503 <i>Undocumented</i>	Error: Service Unavailable

Response body

```
"FXRatesAPI service is unavailable now."
```

Download

Response headers

```
content-length: 40
content-type: application/json
date: Sun, 17 Mar 2024 17:46:33 GMT
server: uvicorn
```

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