

We are using Hippo CMS version 13 and its own Eforms plugin. Eforms validates user input with an ajax POST call, which validates all form fields and returns json either with possible validation errors or an empty json (if everything is ok).

Here is an example of this POST call:

**Method:** POST

**URL:** [https://www.petrol-stage.si/povej? hn:type=resource& hn:ref=r121\\_r1\\_r1\\_r2& hn:id=validation](https://www.petrol-stage.si/povej? hn:type=resource& hn:ref=r121_r1_r1_r2& hn:id=validation)

**Query String:**

```
_hn:type=resource  
_hn:ref=r121_r1_r1_r2  
_hn:id=validation
```

**Request Headers:**

```
Host: www.petrol-stage.si  
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:68.0) Gecko/20100101 Firefox/68.0  
Accept: application/json, text/javascript, */*; q=0.01  
Accept-Language: en-US,en;q=0.5  
Accept-Encoding: gzip, deflate, br  
Referer: https://www.petrol-stage.si/povej  
Content-Type: application/x-www-form-urlencoded; charset=UTF-8  
X-Requested-With: XMLHttpRequest  
Content-Length: 229  
Connection: keep-alive  
Cookie: JSESSIONID=B832B3FFEEC8906F18F9424EA9A5529; BIGipServerPool_WWW-Stage-DMZ=469957386.20480.0000;  
__cookie_optout=false; __cookie3_optout=false; _safemetric=GA1.2.328386346.1561981657;  
_vwo_uuid_v2=DCCD9C2B59733EAFE4AE356FB787E2A02|2bb35f1fd38e175158cc1ee4ff53e8bc; _fbp=fb.1.1561981658134.1639177090
```

**Request Body:**

```
group_prefix_ime=&group_prefix_priimek=&group_prefix_elektronski_naslov=&group_prefix_vprasanje_graja_pohvala=&group_prefix_p  
riponka=&undefined=&group_prefix_pogoji_uporabe=&g-recaptcha-response=&group_prefix=&currentPage=0
```

Here is a screenshot from firefox developer edition (quantum), version 68.0b12 (64-bit):

The screenshot shows the Firefox Developer Edition interface with the Network tab selected in the top bar. The main content area displays a web form for submitting a complaint. The Network tab shows a list of network requests:

Status	Method	Domain	File	Cause	Type	Transferred	Size	0 ms	256 s	5.12 s
200	GET	www.petrol...	safemetric...collect?v=1&_y=j20&aip=1&a=12978045...	img	gif	192 B	43 B	140 ms		
200	POST	www.petrol...	povej_.hn?type=resource&_hnref=r121_r...	xhr	x-gzip	612 B	29...	91 ms		
200	POST	www.fa...	/tr/	beacon	plain	3.96 KB	0 B	9 ms		
200	POST	www.petrol...	povej_.hn?type=resource&_hnref=r121_r...	xhr	x-gzip	487 B	16...			19 ms

The right panel shows detailed information for the selected POST request (index 2):

Request URL: [https://www.petrol-stage.si/povej\\_.hn?type=resource&\\_hnref=r121\\_r1\\_r2&\\_nn:rid=validation](https://www.petrol-stage.si/povej_.hn?type=resource&_hnref=r121_r1_r2&_nn:rid=validation)  
Request method: POST  
Remote address: 193.77.161.148:443  
Status code: 200 OK  
Version: HTTP/1.1  
Referrer Policy: no-referrer-when-downgrade  
Edit and Resend

Response headers (318 B)

- Content-Encoding: gzip
- Content-Length: 294
- Content-type: application/x-gzip
- Date: Mon, 01 Jul 2019 11:47:42 GMT
- Strict-Transport-Security: max-age=31622400; includeSubDomains
- Vary: Accept-Encoding
- X-Content-Type-Options: nosniff
- X-Frame-Options: SAMEORIGIN
- X-XSS-Protection: 1; mode=block

Request headers (823 B)

- Accept: application/json, text/javascript, \*/\*; q=0.01
- Accept-Encoding: gzip, deflate, br
- Accept-Language: en-US,en;q=0.5
- Connection: keep-alive
- Content-Length: 229
- Content-Type: application/x-www-form-urlencoded; charset=UTF-8
- Cookie: JSESSIONID=B832B3FFEECB906F18...fb.1.1561981658134.1639177090
- Host: www.petrol-stage.si
- Referer: <https://www.petrol-stage.si/povej>
- User-Agent: Mozilla/5.0 (Windows NT 10.0; ...) Gecko/20100101 Firefox/68.0
- X-Requested-With: XMLHttpRequest

Form fields visible on the left:

- Naložite priponko
- Pogoji uporabe:  
 Strinjam se s pogoji uporabe Povej Petrolu, objavljenimi na [www.petrol.si/pravni-pogoji](http://www.petrol.si/pravni-pogoji).
- Z oddajo kontakta v sistem Povej Petrolu, sem seznanjen, da upravljavec spletnega mesta Petrol d.d., Ljubljana, Dunajska c. 50, 1000 Ljubljana, podatke, ki jih oddam v sistem Povej Petrolu in podatke o moji uporabi tega portala, vključno s piškotki, obdeluje z namenom odgovora na moje vprašanje. Naslov elektronske pošte bo uporabljen izključno samo za dostavo osebnega odgovora. Več v Splošnih pogojih in pravilih sistema Povej Petrolu.
-

This call normally returns **json** as a response. In json there are fields which do not pass the validation checks. If everything is ok, the json should be empty: {}

In our example the response should look like this (json):

```
{  
  "group_prefix__elektronski_naslov":{  
    "validationValue":null,  
    "localizedMessage": "*Polje 'Elektronski naslov:' je obvezno.",  
    "name":"elektronski_naslov",  
    "label":"Elektronski naslov:",  
    "message":"Field Elektronski naslov: is required",  
    "value":null,  
    "key":"validation.message.required"  
  },  
  "group_prefix__pogoji_uporabe":{  
    "validationValue":null,  
    "localizedMessage": "*Polje 'Pogoji uporabe:' je obvezno.",  
    "name":"pogoji_uporabe",  
    "label":"Pogoji uporabe:",  
    "message":"Field Pogoji uporabe: is required",  
    "value":null,  
    "key":"validation.message.required"  
  },  
  "group_prefix__ime":{  
    "validationValue":null,  
    "localizedMessage": "*Polje 'Ime:' je obvezno.",  
    "name":"ime",  
    "label":"Ime:",  
    "message":"Field Ime: is required",  
    "value":null,  
    "key":"validation.message.required"  
  },  
  "group_prefix__vprasanje_graja_pohvala":{  
  }
```

```
"validationValue":null,  
"localizedMessage":"*Polje 'Vaše sporočilo:' je obvezno.",  
"name":"vprasanje_graja_pohvala",  
"label":"Vaše sporočilo:",  
"message":"Field Vaše sporočilo: is required",  
"value":null,  
"key":"validation.message.required"  
}  
}
```

But firefox returns a gzipped response, like this one in the example:

```
H4sIAAAAAAAKyRQU7DMBBFr2J5UwIFOUD2ILFA6qpba0qG4GTiCXYTQasegUNwF7gXE6hqIDqb0O38+X/8nw+68tx3pvP4ZF+NQcJm59mFxhoH  
gXjQxUEPQLaEnWW3AepRF64nyjTxowh7LB8wBKhkrm/WTDWq1W3MUb85xUqJwNsB945znWkH7ehIXJRk2CKjmIgRtT2fu7NlpUpsKRuUx5feeizF  
Mfx9doNvYo2d8lNefjYcswmWjiurek79vKyZUjWPxnqlDGHY3IpopjYExgmG1dGYNuFve/b2bjZmw4LiZqjeMrdxk6DwfFcjabyUIN877P4YVm/DXx9o  
ApCnT/fLfFc2bmjEcBFUoLGxc4/0Ry/AQAA//8DAP1TMuoCBAAA
```