

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:rid=validation](https://www.petrol-stage.si/povej?_hn:type=resource&_hn:ref=r121_r1_r1_r2&_hn:rid=validation)

**Query String:**

\_hn:type=resource  
\_hn:ref=r121\_r1\_r1\_r2  
\_hn:rid=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=B832B3FFFECC8906F18F9424EA9A5529; 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. On the left, a web page titled "Povej Petrolu | Petrol" is visible. The page content includes a form for uploading a file, with a red-bordered button labeled "IZBERITE DATOTEKO" (Select file) and a "POŠLJITE" (Send) button. Below the form, there is a section titled "Naložite pripenko" (Upload attachment) and "Pogoji uporabe:" (Terms of use), which includes a checkbox and text about the terms of use for the "Povej Petrolu" system.

On the right, the Network Inspector is open, showing a list of network requests. The selected request is a POST request to "https://www.petrol-stage.si/povej?\_hn:type=resource&\_hn:ref=r121\_r1\_r2&\_hn:rid=validation". The request headers are visible, including:

- 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=B832B3FFFE8C8906F18...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

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:

```
H4sIAAAAAAAAAAKyRQU7DMBBFr2J5UwIFOUD2ILFA6qpba0qG4GTiCXyTQasegUNwF7gXE6hqIDqb0O38+X/8nw+68tx3pvP4ZF+NQCJm59mFxhoH  
gXjQxUEPQLaEnWW3AepRF64nyjTxowh7LB8wBKkhrm/WTDWq1W3MUb85xUqJwNsB945znWkH7ehIXJRk2CKJmIgrT2fu7NlpUpsKRuUx5feeizF  
Mfx9doNvYo2d8INefjYcswmWjjuurek79vKyZUjWPxnqIDGHY3IpopjYExgmG1dGYNuFve/b2bJjZmw4LiZqjeMrdxk6DwFcjabyUIN877P4YVm/DXx9o  
ApCnT/flFfc2bmjEcBFUoLGxc4/0Ry/AQAA//8DAP1TMuoCBAAA
```