WEB SERVICE – EXEMPLOS DE EXECUÇÃO DO WEB-SERVICE EM DIVERSAS LINGUAGEM DE PROGRAMAÇÃO

LINGUAGEM - C

LibCurl

```
CURL *hnd = curl_easy_init();

curl_easy_setopt(hnd, CURLOPT_CUSTOMREQUEST, "POST");
curl_easy_setopt(hnd, CURLOPT_URL,
"http://webservice.giap.com.br/WSNfsesCotia/nfseresources/ws/v2/emissao/simula");

struct curl_slist *headers = NULL;
headers = curl_slist_append(headers, "postman-token: 26e44762-e741-d9bc-d1e4-200f018ad85f");
headers = curl_slist_append(headers, "cache-control: no-cache");
headers = curl_slist_append(headers, "content-type: application/xml");
headers = curl_slist_append(headers, "authorization: 999991-2EU2TPWLJBP2H57HL605K24778989PPP");
curl_easy_setopt(hnd, CURLOPT_HTTPHEADER, headers);

curl_easy_setopt(hnd, CURLOPT_POSTFIELDS, "XML A SER ENVIADO");

CURLcode ret = curl_easy_perform(hnd);
```

cURL

```
curl -X POST \
  http://webservice.giap.com.br/WSNfsesCotia/nfseresources/ws/v2/emissao/simula \
  -H 'authorization: 999991-2EU2TPWLJBP2H57HL605K24778989PPP' \
  -H 'cache-control: no-cache' \
  -H 'content-type: application/xml' \
  -H 'postman-token: 25a25272-851b-1763-f96f-6ac0017ad209' \
  -d 'XML A SER ENVIADO'
```

C# Sharp

```
var client = new RestClient("http://webservice.giap.com.br/WSNfsesCotia/nfseresources/ws/v2/emissao/simula");
var request = new RestRequest(Method.POST);
request.AddHeader("postman-token", "f6645f63-84a0-36b8-0e37-b26a359830ae");
request.AddHeader("cache-control", "no-cache");
request.AddHeader("content-type", "application/xml");
request.AddHeader("authorization", "999991-2EU2TPWLJBP2H57HL605K24778989PPP");
request.AddParameter("application/xml", "XML A SER ENVIADO", ParameterType.RequestBody);
IRestResponse response = client.Execute(request);
```

LINGUAGEM - JAVA

OK HTTP

```java
OkHttpClient client = new OkHttpClient();

MediaType mediaType = MediaType.parse("application/xml");
RequestBody body = RequestBody.create(mediaType, "XML A SER ENVIADO");
Request request = new Request.Builder()
  .url("http://webservice.giap.com.br/WSNfsesCotia/nfseresources/ws/v2/emissao/simula")
  .post(body)
  .addHeader("authorization", "999991-2EU2TPWLJBP2H57HL605K24778989PPP")
  .addHeader("content-type", "application/xml")
  .addHeader("cache-control", "no-cache")
  .addHeader("postman-token", "dc16978a-e237-b880-24e4-3ca35eab00b3")
  .build();

Response response = client.newCall(request).execute();
```

Unirest

```java
HttpResponse<String> response =
Unirest.post("http://webservice.giap.com.br/WSNfsesCotia/nfseresources/ws/v2/emissao/simula")
  .header("authorization", "999991-2EU2TPWLJBP2H57HL605K24778989PPP")
  .header("content-type", "application/xml")
  .header("cache-control", "no-cache")
  .header("postman-token", "67b88492-17dd-7d35-e267-17f0aeccf5b8")
  .body("XML A SER ENVIADO")
  .asString();
```

LINGUAGEM – JAVASCRIPT

JQUERY

```javascript
var settings = {
 "async": true,
 "crossDomain": true,
 "url": "http://webservice.giap.com.br/WSNfsesCotia/nfseresources/ws/v2/emissao/simula",
 "method": "POST",
 "headers": {
   "authorization": "999991-2EU2TPWLJBP2H57HL605K24778989PPP",
   "content-type": "application/xml",
   "cache-control": "no-cache",
   "postman-token": "aa7b25cd-9870-4605-7e15-a25ce549cbbc"
 },
 "data": "XML A SER ENVIADO"
}

$.ajax(settings).done(function (response) {
 console.log(response);
});
```

XHR

```
var data = "XML A SER ENVIADO";

var xhr = new XMLHttpRequest();
xhr.withCredentials = true;

xhr.addEventListener("readystatechange", function () {
  if (this.readyState === 4) {
    console.log(this.responseText);
  }
});

xhr.open("POST", "http://webservice.giap.com.br/WSNfsesCotia/nfseresources/ws/v2/emissao/simula");
xhr.setRequestHeader("authorization", "999991-2EU2TPWLJBP2H57HL605K24778989PPP");
xhr.setRequestHeader("content-type", "application/xml");
xhr.setRequestHeader("cache-control", "no-cache");
xhr.setRequestHeader("postman-token", "044267bc-306d-0093-f98f-e4124b4dbc44");

xhr.send(data);
```

LINGUAGEM – NODEJS

NATIVE

```
var http = require("http");

var options = {
  "method": "POST",
  "hostname": "webservice.giap.com.br",
  "port": null,
  "path": "/WSNfsesCotia/nfseresources/ws/v2/emissao/simula",
  "headers": {
    "authorization": "999991-2EU2TPWLJBP2H57HL605K24778989PPP",
    "content-type": "application/xml",
    "cache-control": "no-cache",
    "postman-token": "6f3c611b-ef46-e723-82be-0bf804f35636"
  }
};

var req = http.request(options, function (res) {
  var chunks = [];

  res.on("data", function (chunk) {
    chunks.push(chunk);
  });

  res.on("end", function () {
    var body = Buffer.concat(chunks);
    console.log(body.toString());
  });
});

req.write("XML A SER ENVIADO");
req.end();
```

REQUEST

```
var request = require("request");

var options = { method: 'POST',
  url: 'http://webservice.giap.com.br/WSNfsesCotia/nfseresources/ws/v2/emissao/simula',
  headers:
   { 'postman-token': '16baa6d5-7845-8a94-f6e6-881e6a98924a',
     'cache-control': 'no-cache',
     'content-type': 'application/xml',
     authorization: '999991-2EU2TPWLJBP2H57HL605K24778989PPP' },
  body: 'XML A SER ENVIADO' };

request(options, function (error, response, body) {
  if (error) throw new Error(error);

  console.log(body);
});
```

UNIREST

```
var unirest = require("unirest");

var req = unirest("POST", "http://webservice.giap.com.br/WSNfsesCotia/nfseresources/ws/v2/emissao/simula");

req.headers({
  "postman-token": "07503d21-1a63-405e-d24e-84332f21cdd1",
  "cache-control": "no-cache",
  "content-type": "application/xml",
  "authorization": "999991-2EU2TPWLJBP2H57HL605K24778989PPP"
});

  req.send("XML A SER ENVIADO");

req.end(function (res) {
  if (res.error) throw new Error(res.error);

  console.log(res.body);
});
```

LINGUAGEM – PHP

HttpRequest

```php
<?php

$request = new HttpRequest();
$request->setUrl('http://webservice.giap.com.br/WSNfsesCotia/nfseresources/ws/v2/emissao/simula');
$request->setMethod(HTTP_METH_POST);

$request->setHeaders(array(
  'postman-token' => 'bde5f2ea-327a-ee59-1178-2a7b68a738e1',
  'cache-control' => 'no-cache',
  'content-type' => 'application/xml',
  'authorization' => '999991-2EU2TPWLJBP2H57HL605K24778989PPP'
));

$request->setBody('XML A SER ENVIADO');

try {
  $response = $request->send();

  echo $response->getBody();
} catch (HttpException $ex) {
  echo $ex;
}
```

pecl_http

```php
<?php

$client = new http\Client;
$request = new http\Client\Request;

$body = new http\Message\Body;
$body->append('XML A SER ENVIADO');

$request->setRequestUrl('http://webservice.giap.com.br/WSNfsesCotia/nfseresources/ws/v2/emissao/simula');
$request->setRequestMethod('POST');
$request->setBody($body);

$request->setHeaders(array(
  'postman-token' => '559a1ef4-fcd3-fc4c-537b-9ed6c96fda4b',
  'cache-control' => 'no-cache',
  'content-type' => 'application/xml',
  'authorization' => '999991-2EU2TPWLJBP2H57HL605K24778989PPP'
));

$client->enqueue($request)->send();
$response = $client->getResponse();

echo $response->getBody();
```

cURL

```php
<?php

$curl = curl_init();

curl_setopt_array($curl, array(
  CURLOPT_URL => "http://webservice.giap.com.br/WSNfsesCotia/nfseresources/ws/v2/emissao/simula",
  CURLOPT_RETURNTRANSFER => true,
  CURLOPT_ENCODING => "",
  CURLOPT_MAXREDIRS => 10,
  CURLOPT_TIMEOUT => 30,
  CURLOPT_HTTP_VERSION => CURL_HTTP_VERSION_1_1,
  CURLOPT_CUSTOMREQUEST => "POST",
  CURLOPT_POSTFIELDS => "XML A SER ENVIADO",
  CURLOPT_HTTPHEADER => array(
    "authorization: 999991-2EU2TPWLJBP2H57HL605K24778989PPP",
    "cache-control: no-cache",
    "content-type: application/xml",
    "postman-token: 93d65476-41c5-90c3-05ae-6103573b41ba"
  ),
));

$response = curl_exec($curl);
$err = curl_error($curl);

curl_close($curl);

if ($err) {
  echo "cURL Error #:" . $err;
} else {
  echo $response;
}
```

LINGUAGEM – PYTHON

http.client (PYTHON 3)

```python
import http.client

conn = http.client.HTTPConnection("webservice.giap.com.br")

payload = "XML A SER ENVIADO"

headers = {
    'authorization': "999991-2EU2TPWLJBP2H57HL605K24778989PPP",
    'content-type': "application/xml",
    'cache-control': "no-cache",
    'postman-token': "f7bcfadb-78ad-925c-51f0-cafb384c3dab"
    }

conn.request("POST", "/WSNfsesCotia/nfseresources/ws/v2/emissao/simula", payload, headers)

res = conn.getresponse()
data = res.read()

print(data.decode("utf-8"))
```

requests

```
import requests

url = "http://webservice.giap.com.br/WSNfsesCotia/nfseresources/ws/v2/emissao/simula"

payload = "XML A SER ENVIADO"
headers = {
    'authorization': "999991-2EU2TPWLJBP2H57HL605K24778989PPP",
    'content-type': "application/xml",
    'cache-control': "no-cache",
    'postman-token': "f8281546-13aa-9e25-a5fe-32b81207ac21"
    }

response = requests.request("POST", url, data=payload, headers=headers)

print(response.text)
```

LINGUAGEM – RUBY

RUBY

```
require 'uri'
require 'net/http'

url = URI("http://webservice.giap.com.br/WSNfsesCotia/nfseresources/ws/v2/emissao/simula")

http = Net::HTTP.new(url.host, url.port)

request = Net::HTTP::Post.new(url)
request["authorization"] = '999991-2EU2TPWLJBP2H57HL605K24778989PPP'
request["content-type"] = 'application/xml'
request["cache-control"] = 'no-cache'
request["postman-token"] = 'c4f9c73a-a7ad-efe3-00a3-2d5aa19db3f8'
request.body = "XML A SER ENVIADO"

response = http.request(request)
puts response.read_body
```