

Question

[Token Ibragimov](#) · Feb 11, 2019

Sending post Request with ContentType:"application/x-www-form-urlencoded"

Hello,
Having difficulty with sending POST request.

How I can send parameters in the body of request, if i'm using ContentType:"application/x-www-form-urlencoded".

Version of ensemble: 2010

My code is bellow:

```
Set httpRequest=##class(%Net.HttpRequest).%New()
set httpRequest.SSLConfiguration="1"
Set httpRequest.ContentCharset="utf-8"
Set httpRequest.Server="test.oath.com"
Set httpRequest.Port=443
Set httpRequest.Https=1
Set httpRequest.Location = "/auth/key"
set httpRequest.ContentType="application/x-www-form-urlencoded"
Set httpRequest.ContentCharset="utf-8"
do httpRequest.EntityBody.Write("grant_type=client_credentials&scope=num&client_id=random")
Set httpRequest.Timeout=119
do httpRequest.Post("",2)
```

the result

```
User-Agent: Mozilla/4.0 (compatible; Cache;)
Host: test.oath.com
Connection: Close
Accept-Encoding: gzip
Content-Length: 112
Content-Type: application/x-www-form-urlencoded
```

```
grant_type=client_credentials&scope=num&client_id=random
```

The screenshot shows a REST client interface with a POST request to a URL containing parameters like `grant_type=client_credentials`, `scope=sms`, `client_id`, and `client_secret`. The request body is set to `x-www-form-urlencoded`. The response is shown in JSON format, containing an `access_token`, `expires_in`, `refresh_token`, `scope`, and `token_type`.

Key	Value	Description
<input checked="" type="checkbox"/> grant_type	client_credentials	
<input checked="" type="checkbox"/> scope	sms	
<input checked="" type="checkbox"/> client_id		
<input checked="" type="checkbox"/> client_secret	33	
New key	Value	Description

```
1 {
2   "access_token": "9M...",
3   "expires_in": "7200",
4   "refresh_token": "",
5   "scope": "sms",
6   "token_type": "B..."
7 }
```

[#Object Data Model](#) [#Caché](#)

Source URL: <https://community.intersystems.com/post/sending-post-request-contenttypeapplicationx-www-form-urlencoded>