
Question

[Mark O'Reilly](#) · Jan 25, 2021

Simple posting of REST Body to api

Hi:

I've looked on many of these examples and questions how to post the JSON body but all the posts are a little complexly worded for me to follow.

so i have an `EnsLib.REST.Operation`

The example in ENSDEMO Directory Request says

```
Set tSC=..Adapter.PostURL(tURL,.tHttpResponse,"",pRequest.Body)
```

What i can't see is how in Demo Rest Directory request it happens to get the value of the message fields into

```
/// For JSON content submission
```

```
Property Body As %GlobalCharacterStream;
```

I have also played around with converting objects to JSON ect. All i want to do is post an example like this to the API

```
{
  "Employee": 1,
  "UserName": "sample string 1",
  "ModuleName": "sample string 2",
  "CompletionDate": "2021-01-25T16:19:52.6560565+00:00",
  "Source": "sample string 4"
}
```

I'm just trying with a string atm

Request class

```
Parameter RESPONSECLASSNAME = "LMS.ELearningAPIResponse"; // Property Command As %String [
InitialExpression = "POST" ]; // ESR Employee Number
Property Employee As %String; // Username from LMS
Property UserName As %String; // The name of the course/module from the LMS.
Property ModuleName As %String; // This is the date the person completed this course/module.
Property CompletionDate As %String; // The source of the e-Learning result, if left blank, the ADAccount
prooviding the message will be used.
Property Source As %String; // For JSON content submission
Property Body As %GlobalCharacterStream;
```

Operation class so far- connects but results in error believed as the body is incorrect

```
Method OnMessage(pRequest As LMS.ELearningAPIRequest, Output pResponse As
LMS.ELearningAPIResponse) As %Status
{
```

```
set tsc=$$OK
//Set tCmd=$ZConvert(pRequest.Command,"U")
//If tCmd = "POST" {
//as a guess the URL will be the URL only and the body goes into the body
Set tURL=..Adapter.URL
//need to put the values into pRequestBody
//post the rest URL
//set JsonStore=##class("%ZEN.Auxiliary.altJSONProvider").%WriteJSONFromObject(.JsonStore,pRequest)
Set tSC=..Adapter.PostURL(tURL,.tHttpResponse,"",pRequest.Body) // from the Rest Demo
Set:$$$ISERR(tSC)&&$isObject(tHttpResponse)&&$isObject(tHttpResponse.Data)&&
tHttpResponse.Data.Size tSC=$$ERROR($$EnsErrGeneral,$$StatusDisplayString(tSC)_"_"
tHttpResponse.Data.Read())
//??
Set tSC1=pRequest.NewResponse(.pResponse) Set:$$$ISERR(tSC1) tSC=$$ADDSC(tSC,tSC1)
//update session ID in response
Set pResponse.SessionId=..%RequestHeader.SessionId
//update request url in rponse
Set pResponse.RequestURL="Post " _tURL //update the raw response
If $isObject(tHttpResponse) {
Do pResponse.RawResponse.CopyFrom(tHttpResponse.Data) Do tHttpResponse.Data.Rewind()
Set pResponse.Value=tHttpResponse.Data.Read() ; count
}
//}

quit tsc
}
```

[#Business Operation](#) [#JSON](#) [#REST API](#) [#Caché](#)

Product version: Caché 2016.1

Source URL:<https://community.intersystems.com/post/simple-posting-rest-body-api>