

Question

[Federico Raimondo](#) · Dec 11, 2019

Issue with parsing a form variable of a HTTP POST request

Hi everyone,

I am currently sending an HTTP POST request to an [EnsLib.HTTP.Service](#) service (which has an [EnsLib.HTTP.InboundAdapter](#) associated).

Here the request URL: <http://10.41.11.210:57772/csp/healthshare/dce/POSTServiceClass.cls?rpyTo...>

From the documentation I have read (<https://docs.intersystems.com/irislatest/csp/docbook/DocBook.UI.Page.cls?KEY=EHTTPinbound>) I get that the form variables are written into the request body in case of a POST. I have also implemented the OnInint() in this way to enable the form variables parsing:

```
Method OnInint() As %Status
{
    Set ..Adapter.ParseBodyFormVars=1
    Quit 1
}
```

The OnProcessInput of the service is implemented in this way:

```
Class POSTServiceClass Extends (EnsLib.HTTP.Service, HS.Util.Trace.Helper)
{
    Parameter CONTENTTYPE = "text/xml";
    Property TargetProcess As %String(MAXLEN = 250) [ Required ];
    Property isServerFault As %Boolean;
    Method OnInint() As %Status
    {
        Set ..Adapter.ParseBodyFormVars=1
        Quit 1
    }
    Method OnProcessInput(pInput As %GlobalCharacterStream, Output pOutput As %GlobalCharacterStream, ByRef pHint As %String) As %Status
    {
        set ..isServerFault = $$$YES // Server Fault by default #dim token As %String
        if '$isObject(pInput) || (pInput.Size = 0)
        {
            set ..isServerFault = $$$NO
            quit $$$ERROR($$$GeneralError, "Null request")
        }
        #dim inMsg As HS.Message.XMLMessage = ##class(HS.Message.XMLMessage).%New()
        set inMsg.ContentStream=pInput
        #dim outMsg As HS.Message.XMLMessage = ""
        #dim sc As %Status = ..SendRequestSync(..TargetProcess, inMsg, .outMsg)
        if $$$ISERR(sc) quit sc // check if we have a good response
        if '$isObject(outMsg) || 'outMsg.%Extends(
            "HS.Message.XMLMessage") quit $$$ERROR($$$GeneralError,
            "Null or incorrect response") set pOutput = outMsg.ContentStream
    }
}
```

```
quit $$$OK  
}
```

I was expecting to find my form variable (rpyToken) into the contentStream of the isMsg XMLMessage but there isn't.

Can someone explain me what is my mistake?

Thank you in advance.

[#Ensemble](#) [#HealthShare](#)

Source URL: <https://community.intersystems.com/post/issue-parsing-form-variable-http-post-request>