
Question

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When we test using the actual HL7 message, how could we achieve to send the response from the Process to the Service?

Hello,

We would need your help.

When we test using the actual HL7 message, how could we achieve to send the response from the Process to the Service?

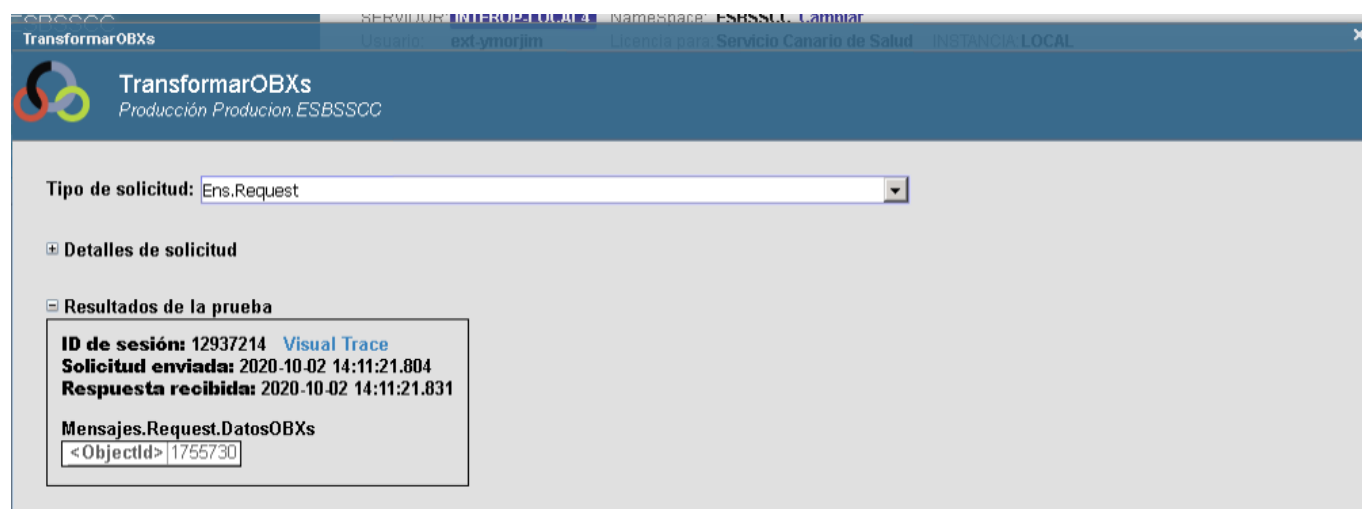
Process does not send response to a EnsLib.HL7.Service.TCPService when we test it with a EnsLib.HL7.Operation.TCPOperation, why?

We are developing a Production which is composed by:

- A service: EnsLib.HL7.Service.TCPService
- A bussiness process
- An Operation: EnsLib.HL7.Operation.TCPOperation

We have the following challenge:

1) When we test the Production sending from the Process:



We observe the response being sent back, which is the expected behaviour:



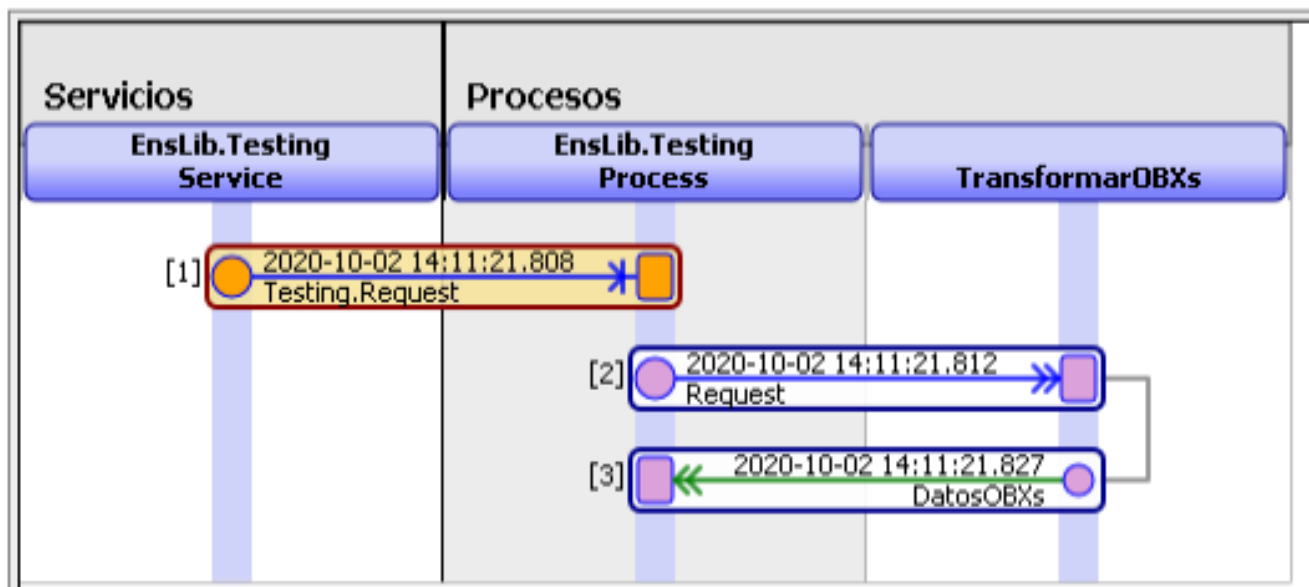
ID de sesión: 12937214

Leyenda

Versión imprimible

Ir a elementos

1 - 3



2) However if we test it sending an actual HL7 Message from the Operation which points to the Service:

IsMutable: ☒
AutoBuildMap: ☐
DocType: 2.3:ORU_R30
Envelope:
Separators: |^~\&
Invocar Servicio de Pruebas (Testing Service)

Resultados de la prueba

ID de sesión: 12937220 [Visual Trace](#)
Solicitud enviada: 2020-10-02 14:11:35.235
Respuesta recibida: no disponible
No se ha recibido respuesta.

We do not get a response from the Process back to the Service (which is an unexpected behaviour):

The screenshot shows the Visual Trace interface with the following components:

- Header:** Visual Trace
- Session ID:** ID de sesión: 12937222
- Navigation:** Legenda, Versión imprimible, Ir a elementos 1 - 1
- Services (Servicios):** Servicios.HL7 TransformarOBXs
- Processes (Procesos):** TransformarOBXs
- Message Log:** A message is shown with a timestamp of 2020-10-02 14:11:38.603 and the text HL7,Message.
- Message Details:** HL7 ORU_R30
- Table:** A table with 5 rows and 2 columns, showing message segments.

1	MSH
2	PID
3	PV1
4	OBR
5	OBX

We would like to ask why we do not see in the second example, at point 2), a response being sent back from the Process to the Service?

We have read:

<https://cedocs.intersystems.com/latest/csp/docbook/Doc.View.cls?KEY=EHL7...>

<https://cedocs.intersystems.com/latest/csp/docbook/Doc.View.cls?KEY=EHL7...>

Besides we post the configurations:

- Service

```
<Item Name="Servicios.HL7.TransformarOBXs" Category="TransformarOBXs" ClassName="EnsLib.HL7.Service.TCPService" PoolSize="1" Enabled="true" Foreground="false" Comment="LogTraceEvents="false" Schedule="">
  <Setting Target="Adapter" Name="Port">19887</Setting>
  <Setting Target="Adapter" Name="StayConnected">0</Setting>
  <Setting Target="Host" Name="TargetConfigNames">TransformarOBXs</Setting>
  <Setting Target="Host" Name="MessageSchemaCategory">2.3</Setting>
```

```
<Setting Target="Host" Name="AckMode">Never</Setting>
</Item>
```

- Process

```
<Item Name="TransformarOBXs" Category="TransformarOBXs" ClassName="Procesos.TransformarOBXs" PoolSize="1" Enabled="true" Foreground="false" Comment="" LogTraceEvents="false" Schedule="">
</Item>
<Item Name="Pruebas" Category="TransformarOBXs" ClassName="EnsLib.HL7.Operation.TCPOperation" PoolSize="1" Enabled="true" Foreground="false" Comment="" LogTraceEvents="false" Schedule="">
  <Setting Target="Adapter" Name="IPAddress">localhost</Setting>
  <Setting Target="Adapter" Name="Port">19887</Setting>
  <Setting Target="Adapter" Name="StayConnected">3</Setting>
</Item>
```

- Operation

```
<Item Name="Pruebas" Category="TransformarOBXs" ClassName="EnsLib.HL7.Operation.TCPOperation" PoolSize="1" Enabled="true" Foreground="false" Comment="" LogTraceEvents="false" Schedule="">
  <Setting Target="Adapter" Name="IPAddress">localhost</Setting>
  <Setting Target="Adapter" Name="Port">19887</Setting>
  <Setting Target="Adapter" Name="StayConnected">3</Setting>
</Item>
```

When we test using the actual HL7 message, how could we achieve to send the response from the Process to the Service?

[#Ensemble](#)

Source

URL: <https://community.intersystems.com/post/when-we-test-using-actual-hl7-message-how-could-we-achieve-send-response-process-service>