

## Convert complex XML to Cache Object



[p.rd](#) 4 January 2018

[Caché](#), [SOAP](#)

I use SoapUI 5.4.0 test Cache development web service, the parameters I need to send through SoapUI is as follows:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:tem
="http://tempuri.org">
  <soapenv:Header/>
  <soapenv:Body>
    <tem:GetPatInfo>
      <!--Optional:-->
      <tem:QueryInfo>
        <![CDATA[
<Request>
  <CardNo>100000220002</CardNo>
  <CardType></ CardType >
</Request>
]]>
</tem:QueryInfo>
  </tem:GetPatInfo>
</soapenv:Body>
</soapenv:Envelope>
```

I have a Cache object:

```
Class ServiceTestPrd.Request.ReqPatInfo Extends (%RegisteredObject, %XML.Adaptor)
{
Property CardNo As %String;
Property CardType As %String;
}
```

My web service class is:

```
/// ServiceTestPrd.PrdServiceTest
Class ServiceTestPrd.PrdServiceTest Extends %SOAP.WebService [ ProcedureBlock ]
{
Parameter SERVICENAME = "PrdServiceTest";
Parameter NAMESPACE = "http://tempuri.org";
Parameter USECLASSNAMESPACES = 1;
Method GetPatInfo(QueryInfo As %Stream.GlobalCharacter) As %Stream.GlobalCharacter [
WebMethod ]
```

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```
{
  s reader = ##class(%XML.Reader).%New()
  s status = reader.OpenStream(QueryInfo)
  d reader.Rewind()
  Do reader.CorrelateRoot("ServiceTestPrd.Request.ReqPatInfo")
  s reqObj = ""
  While (reader.Next(.tMessage,.status)) {
    s reqObj=tMessage
  }
  s ^TMPPRD=reqObj

  q QueryInfo
}
}
```

After sending the request using SoapUI, the returned message is:

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:x
si="http://www.w3.org/2001/XMLSchema-
instance" xmlns:s="http://www.w3.org/2001/XMLSchema">
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Client</faultcode>
      <faultstring>internal server error</faultstring>
      <detail>
        <error xmlns="http://tempuri.org">
          <text>error #6301: SAX XML Analyzer error: expected end of tag 'CardTy
pe' while processing Anonymous Stream at line 3 offset 14</text>
        </error>
      </detail>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

How do I get the value of CardNo and CardType? thank you!

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