

Question

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Custom SOAP fault

I am creating a soap service according to a wsdl that the client has already coded against. In their operation they have a fault element Exception:

```
<operation name="query">
  <soap:operation soapAction=""/>
  <input>
    <soap:body use="literal"/>
  </input>
  <output>
    <soap:body use="literal"/>
  </output>
  <fault name="Exception">
    <soap:fault name="Exception" use="literal"/>
  </fault>
</operation>
```

which is:

```
<xsd:complexType name="Exception">
  <xsd:sequence>
    <xsd:element name="message" type="xsd:string" minOccurs="0"/>
  </xsd:sequence>
</xsd:complexType>
```

I have tried creating a class called "Exception" extending %SOAP.Fault, adding a message property and then do a ReturnFault() but it just shows the standard soap fault.

How do I return a fault object as expected?

[#SOAP](#) [#Ensemble](#)

Product version: Ensemble 2018.1

\$ZV: Cache for UNIX (Red Hat Enterprise Linux for x86-64) 2018.1.7 (Build 721U) Fri Mar 18 2022 22:01:43 EDT

Source URL: <https://community.intersystems.com/post/custom-soap-fault>