Question
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How to pass SOAP response back to Sender

I have an XML I am sending to an operation from a BPL. This is a query for Patient information from Epic using a web service. I created the operation using the add-in in Studio. I setup the BPL to do a Call and send whatever data I receive from the client I get a response back from Epic with a list of matching Patients. In the BPL I am trying to use the Response Builder to pass the response ID, name, DOB, etc. to matching context items to then pass to the client as a response. I get the following error within the call:

```
ERROR <Ens>ErrException: <PROPERTY DOES NOT EXIST>zOnResponse1+2 ^FCH.BPL.PATWISJSONE
PICXML.Context.1 *IDs,%Collection.ListOfObj -- logged as '-'
number - @''
```

From what I can tell the IDs is in the definition but because the response can be multiple responses that I need to handle it. I am stuck on how I need to setup the context items and/or how to read the response when there is the possibility of multiple responses.

```
Class FCH.Response.PatientLookupResponse Extends Ens.Response [ ProcedureBlock ]
{
Property PatientLookupResult As Patient.Patient.PatientLookupResponse;
}
```

```
/// Created from: http://fchepicgenict01.fm.frd.fmlh.edu/Interconnect-
FCHEDIPOC/wcf/Epic.EMPI.GeneratedServices/Patient.svc?wsdl=wsdl0
Class Patient.Patient.PatientLookupResponse Extends (%SerialObject,
%XML.Adaptor) [ ProcedureBlock ]
{

Parameter ELEMENTQUALIFIED = 1;

Parameter NAMESPACE = "urn:Epic-com:EMPI.2012.Services.Patient";

Parameter XMLNAME = "Patient.PatientLookupResponse";

Parameter XMLSEQUENCE = 1;

Parameter XMLTYPE = "Patient.PatientLookupResponse";

Property Patients As list Of Patient.Patient(XMLITEMNAME = "Patient",
XMLNAME = "Patients", XMLPROJECTION = "COLLECTION");
}
```

```
/// Created from: http://fchepicgenict01.fm.frd.fmlh.edu/Interconnect-
FCHEDIPOC/wcf/Epic.EMPI.GeneratedServices/Patient.svc?wsdl=wsdl0
Class Patient.Patient Extends (%SerialObject, %XML.Adaptor) [ ProcedureBlock ]
{

Parameter ELEMENTQUALIFIED = 1;

Parameter NAMESPACE = "urn:Epic-com:EMPI.2012.Services.Patient";

Parameter XMLNAME = "Patient";

Parameter XMLSEQUENCE = 1;

Property Addresses As list Of Patient.Address(XMLITEMNAME = "Address",
XMLNAME = "Addresses", XMLPROJECTION = "COLLECTION");

Property Aliases As Patient.q1.ArrayOfstring(XMLNAME = "Aliases");

Property CareTeam As list Of Patient.CareTeamMember(XMLITEMNAME =
"CareTeamMember", XMLNAME = "CareTeam", XMLPROJECTION = "COLLECTION");

Property ConfidentialName As %String(MAXLEN = "", XMLNAME = "ConfidentialName");

Property DateOfBirth As %String(MAXLEN = "", XMLNAME = "DateOfBirth");

Property EmergencyContacts As list Of
Patient.EmergencyContact(XMLITEMNAME = "EmergencyContact", XMLNAME =
"EmergencyContacts", XMLPROJECTION = "COLLECTION");

Property EmploymentInformation As
Patient.EmploymentInformation(XMLNAME = "EmploymentInformation");

Property EthnicGroup As %String(MAXLEN = "", XMLNAME = "EthnicGroup");

Property HistoricalIDs As list Of Patient.IDType(XMLITEMNAME = "IDType",
XMLNAME = "HistoricalIDs", XMLPROJECTION = "COLLECTION");

Property HomeDeployment As %String(MAXLEN = "", XMLNAME = "HomeDeployment");

Property IDs As list Of Patient.IDType(XMLITEMNAME = "IDType", XMLNAME = "IDs",
XMLPROJECTION = "COLLECTION");

Property MaritalStatus As %String(MAXLEN = "", XMLNAME = "MaritalStatus");

Property Name As %String(MAXLEN = "", XMLNAME = "Name");

Property NameComponents As Patient.NameComponents(XMLNAME = "NameComponents");

Property NationalIdentifier As %String(MAXLEN = "", XMLNAME = "NationalIdentifier");

Property Race As Patient.q1.ArrayOfstring(XMLNAME = "Race");

Property Rank As %String(MAXLEN = "", XMLNAME = "Rank");

Property Sex As %String(MAXLEN = "", XMLNAME = "Sex");

Property Status As %String(MAXLEN = "", XMLNAME = "Status");
}
```

Thank you for your time

#Beginner #Business Process (BPL) #Error Handling #Ensemble

Source URL:https://community.intersystems.com/post/how-pass-soap-response-back-sender

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