Events/Live Demos Client Portal Call 855-289-6478 Home Contact







I have a relative simple question which I have not been able to answer myself so far. The situation is as follows: A soap message is sent to the default Mirth webservice. Some data is collected from the database and an XML with the data has to be send back.

This is the XML:

```
Code:
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header xmlns:env="http://schemas.xmlsoap.org/soap/envelope/"/>
    <env:Body xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
      <v1:FindByBarcodeResponse xmlns:v1="http://www.test.nl/services/locker/v1">
        <v1:ResponseCode></v1:ResponseCode>
          <v1:FullName>
           <v1:Fullname></v1:Fullname>
           <v1:Surname></v1:Surname>
           <v1:SurnamePrefix></v1:SurnamePrefix>
           <v1:Firstname></v1:Firstname>
           <v1:Initials></v1:Initials>
           <v1:Title></v1:Title>
           <v1:Maidenname></v1:Maidenname>
           <v1:MaidennamePrefix></v1:MaidennamePrefix>
          </v1:FullName>
         <v1:Gender></v1:Gender>
         <v1:Birthdate></v1:Birthdate>
         <v1:BSN></v1:BSN>
          <v1:Address>
           <v1:Street></v1:Street>
           <v1:HouseNumber></v1:HouseNumber>
           <v1:PostalCode></v1:PostalCode>
           <v1:City></v1:City>
           <v1:Country></v1:Country>
          </v1:Address>
          <v1:CommInfo>
            <v1:Entries>
             <v1:Kind></v1:Kind>
             <v1:Value></v1:Value>
             <v1:Personal></v1:Personal>
            </v1:Entries>
            <v1:Entries>
             <v1:Kind></v1:Kind>
             <v1.\/aliie></v1.\/aliie>
```

Now my problem is with the namespaces. I can produce a correct XML without the v1 namespace. But whatever I tried with this namespace, either the result was repeating segments or errors like: "An attempt is made to create or change an object in a way which is incorrect with regard to namespaces.'

My question is how should I define the v1 namespace? I tried in the first destination transformer javascript step the following:

```
var v1 = new Namespace('http://www.test.nl/services/locker/v1');
msg.addNamespace(new Namespace('v1','http://www.test.nl/services/locker/v1'));
```

Both did not seem to do anything. Only setting the default namespase to v1 did something but resulted in repeating the Body segment. The same for this:

```
Code:
   fined) { default xml namespace = msg.namespace(); } else { default xml namespace = ''; }
The pattern of transformer steps is
    tmp['env:Body']['v1:FindByBarcodeResponse']['v1:FullName']['Fullname']
I experimented with adding or leaving out v1, but no correct result.
All xml properties are with strip namespace unselected.
Any help with solving the problem is appreciated!
Mirth 2.2.1, Java 1.6.0, Windows Server 2003
02-20-2013, 04:11 AM
                                                                                                                        #2 🥬 🛕
                                                                                                                   Join Date: Jul 2012
caresoft &
                                                                                                                   Posts: 25
Mirth Newb
Nobody run into a similar problem? If an XML like this cannot be created in Mirth I also would like to know. Thanks!
Mirth 2.2.1, Java 1.6.0, Windows Server 2003
02-20-2013, 11:23 AM
                                                                                                                        #<u>3</u>
                                                                                                                   Join Date: Oct 2010
                                                                                                                   Posts: 5,339
             <u>narupley</u>
             Mirth Employee
I think there's just some confusion about how namespaces work and how E4X works. If you have an outbound template like so:
   Code:
    <Envelope>
            <Body>
                     <FindByBarcodeResponse/>
            </Body>
    </Envelope>
And you want to make it like so:
   Code:
    <soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
        <env:Body xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
            <v1:FindByBarcodeResponse xmlns:v1="http://www.test.nl/services/locker/v1"/>
        </env:Body>
    </soapenv:Envelope>
Then you can do this:
   Code:
```

```
tmp.addNamespace(new Namespace('soapenv', 'http://schemas.xmlsoap.org/soap/envelope/'));
tmp.setName('soapenv:Envelope');
tmp.Body.addNamespace(new Namespace('env', 'http://schemas.xmlsoap.org/soap/envelope/'));
tmp.Body.setName('env:Body');
tmp.Body.FindByBarcodeResponse.addNamespace(new Namespace('v1', 'http://www.test.nl/servitmp.Body.FindByBarcodeResponse.setName('v1:FindByBarcodeResponse');
```

### Step 1: JAVA CACHE...DID YOU CLEAR

Always include what Mirth Connect version you're working with. Also include (if applicable) the code you're using and full stacktraces for errors (use CODE tags). Posting your entire channel is helpful as well; make sure to scrub any PHI/passwords first.





Code:

<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">

<env:Body xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">

<v1:FindByBarcodeResponse xmlns:v1="http://www.test.nl/services/locker/v1"/>

<v1:ResponseCode>data</v1:ResponseCode>

</env:Body>

</soapenv:Envelope>

Mirth 2.2.1, Java 1.6.0, Windows Server 2003





Join Date: Oct 2010 Posts: 5,339

#<u>5</u>

I don't understand... It's the exact same thing; what's the problem?

Code:

```
tmp.addNamespace(new Namespace('soapenv', 'http://schemas.xmlsoap.org/soap/envelope/'));
    tmp.setName('soapenv:Envelope');
    tmp.Body.addNamespace(new Namespace('env','http://schemas.xmlsoap.org/soap/envelope/'));
   tmp.Body.setName('env:Body');
var v1 = new Namespace('v1', 'http://www.test.nl/services/locker/v1');
    tmp.Body.FindByBarcodeResponse.addNamespace(v1);
    tmp.Body.FindByBarcodeResponse.setName('v1:FindByBarcodeResponse');
    tmp.Body.ResponseCode.addNamespace(v1);
   tmp.Body.ResponseCode.setName('v1:ResponseCode');
Step 1: JAVA CACHE...DID YOU CLEAR
```

Always include what Mirth Connect version you're working with. Also include (if applicable) the code you're using and full stacktraces for errors (use CODE tags). Posting your entire channel is helpful as well; make sure to scrub any PHI/passwords first.







Join Date: Oct 2010

Posts: 5,339



I see, well that's actually different than what you asked for in your previous post:

You had ResponseCode as a sibling node of FindByBarcodeResponse, when you meant to say that it should be a child node. However the answer hasn't changed; you should still be able to do the exact same thing with the ResponseCode child node.

# Step 1: JAVA CACHE...DID YOU CLEAR

Always include what Mirth Connect version you're working with. Also include (if applicable) the code you're using and full stacktraces for errors (use CODE tags). Posting your entire channel is helpful as well; make sure to scrub any PHI/passwords first.





Maybe I have not been clear but in the whole XML I have put at the beginning of this post it appears as a child node. And there lies the problem, with childnodes it does not work. The v1: namespase does not get there in a child node. And I still don't know how to solve this problem.

Mirth 2.2.1, Java 1.6.0, Windows Server 2003



02-25-2013, 10:17 AM







Join Date: Oct 2010 Posts: 5,339



#### Quote:

Originally Posted by caresoft (§)

Maybe I have not been clear but in the whole XML I have put at the beginning of this post it appears as a child node. And there lies the problem, with childnodes it does not work. The v1: namespase does not get there in a child node. And I still don't know how to solve this problem.

Apologies, I was reading your latest post and figured that would have had your most up-to-date requirements. Anyway like I said, it's exactly the same concept:

#### Code:

```
tmp.addNamespace(new Namespace('soapenv','http://schemas.xmlsoap.org/soap/envelope/'));
tmp.setName('soapenv:Envelope');
tmp.Body.addNamespace(new Namespace('env','http://schemas.xmlsoap.org/soap/envelope/'));
tmp.Body.setName('env:Body');
var v1 = new Namespace('v1','http://www.test.nl/services/locker/v1');
tmp.Body.FindByBarcodeResponse.addNamespace(v1);
tmp.Body.FindByBarcodeResponse.setName('v1:FindByBarcodeResponse');
tmp.Body.FindByBarcodeResponse.ResponseCode.addNamespace(v1);
tmp.Body.FindByBarcodeResponse.ResponseCode.setName('v1:ResponseCode');
```

You can even create a function to add the namespace and set the QName to cut down on code repetition.

## Step 1: JAVA CACHE...DID YOU CLEAR

Always include what Mirth Connect version you're working with. Also include (if applicable) the code you're using and full stacktraces for errors (use CODE tags). Posting your entire channel is helpful as well; make sure to scrub any PHI/passwords first.



- You just bar.







Δ

04-02-2013, 09:01 AM



Join Date: Jul 2012 Posts: 25

#<u>10</u> 🐠



After a holiday break I'm picking up this question again.

I would also expect it would be the same concept, however the suggested code does not give the needed result, because the child node of FindByBarcodeResponse being ResponseCode does not get the v1 namespace, whereas FindByBarcodeResponse does get it correctly in the output.

Like I remarked before the concept does not seem to work on childnodes.

Have you tried it yourself narupley (or anybody else)? If you got it working, could you please attach a channel example? Thanks very much!

Mirth 2.2.1, Java 1.6.0, Windows Server 2003













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