

# WS receiving a message that including a Schema within another sche

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*Source:*

<http://www.tech-archive.net/Archive/BizTalk/microsoft.public.biztalk.general/2006-11/msg00092.html>

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  - *Date:* Sun, 5 Nov 2006 19:12:01 -0800
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WS receiving a message that including a Schema within another schema (WSE2.0)

Hi,

I have a orchestration published as a WSE 2.0 Web Service. The message being passed through th Web Server method is a Schema:

OUTER SCHEMA:

```
<?xml version="1.0" encoding="utf-16"?>
<xs:schema xmlns:b="http://schemas.microsoft.com/BizTalk/2003
xmlns:nsIS="http://sample.InnerSchema xmlns="http://sample.OuterSchema"
targetNamespace="http://sample.OuterSchema"
xmlns:xs="http://www.w3.org/2001/XMLSchema>
<xs:import schemaLocation=".\InnerSchema.xsd"
namespace="http://InnerSchema.InnerSchema " />
<xs:annotation>
<xs:appinfo>
<b:references>
<b:reference targetNamespace="http://InnerSchema.StdInfo />
</b:references>
</xs:appinfo>
</xs:annotation>
<xs:element name="InnerSchemaDataNode">
<xs:complexType>
<xs:sequence>
<xs:element name="Name">
<xs:complexType />
</xs:element>
<xs:element ref="nsIS: InnerSchema" />
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>
```

INNER SCHEMA:

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```
<?xml version="1.0" encoding="utf-16"?>  
<xs:schema xmlns:b="http://schemas.microsoft.com/BizTalk/2003  
xmlns="http://sample.InnerSchema targetNamespace="http://sample.InnerSchema  
xmlns:xs="http://www.w3.org/2001/XMLSchema">  
<xs:element name=" InnerSchema">  
<xs:complexType>  
<xs:sequence>  
<xs:element name="Username">  
<xs:complexType />  
</xs:element>  
</xs:sequence>  
</xs:complexType>  
</xs:element>  
</xs:schema>
```

Message instance sent into BizTalk via the WSE 2.0 Web Service:

```
<ns0:OuterSchema xmlns:ns0="http://sample.OuterSchema">  
<Name />  
<Age>Age 0</Age>  
<ns1: InnerSchema xmlns:ns1="http://sample.InnerSchema">  
<Username />  
</ns1: InnerSchema >  
</ns0:OuterSchema >
```

I get the an error:

failed to load. Verify the schema for this document specification is  
deployed and is in the Global Assembly Cache.

Is the anything special you need to do when passing XML documents that  
include other xml documents?

Can any one point me in the direction of a WSE 2.0 example that passes XML  
documents the are based on schemas that include other schemas.

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