

Re: Convert String data from Web Service to XML

Source:

<http://www.tech-archive.net/Archive/BizTalk/microsoft.public.biztalk.general/2008-02/msg00235.html>

- *From:* Avinash <avinashdash@xxxxxxxxxx>
 - *Date:* Thu, 21 Feb 2008 07:50:34 -0800 (PST)
-

On Feb 15, 3:08 pm, linda <li...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

1. Are you using Xlang or external .net assembly to load xml?
-- Xlang is straight-forward for your case and have less dependency..
2. you can also check if the xml string can be validated by the Msg_2 schema. I suspect that namespace or some little thing might screw up the message assignment.

good luck.

"Avinash" wrote:

On Feb 15, 1:05 pm, linda <li...@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

```
I don't know what exactly happened, but it might be related
to the syntax:
XmlDocument temp2 =
(XmlDocument)Convert.ChangeType(temp1,typeof(XmlDocument));
```

```
why not use temp instead of temp2, doesn't temp serve your
need? To me these
2 lines are not necessary, only complicate things:
temp1 = temp.DocumentElement.OuterXml; ( temp1 is
exactly
equivalent to the pass-in parameter: VertexResponse.)
XmlDocument temp2 =
(XmlDocument)Convert.ChangeType(temp1,typeof(XmlDocument));
```

"Avinash" wrote:

On Feb 14, 2:26 pm, linda

Re: Convert String data from Web Service to XML

<li...@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote:

I am a little confused.

If you need assign this
VertexResponse to a
message(e.g Msg_1 which
associated with a schema),
you can just assign temp to
this message in a
message consturct shape.

```
XmlDocument  
xmlDoc=VertexResponse(VertexResponse);  
Msg_1=xmlDoc;
```

Then later you can use the
Msg_1 in a map.

Otherwise, if you only need
to assign the
VertexResponse string to a
node of
a message, why would you
bother to load
VertexResponse into a xml
document?

Linda

"Avinash" wrote:

On Feb 13,
4:20 pm,
linda
<li...@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote:

Re: Convert String data from Web Service to XML

Hi
Avinash,

why
not
return
temp
directly?
the
way
i
see
would
work
is:

```
public  
XmlDocument  
VertexResponse(string  
VertexResponse)
```

```
{
```

```
    XmlDocument  
    temp=  
    new  
    XmlDocument();
```

```
    temp.LoadXml(VertexResponse);
```

Re: Convert String data from Web Service to XML

```
return  
temp;
```

```
}
```

"Avinash"
wrote:

On
Feb
12,
6:48
pm,
Mark
<mcole...@xxxxxxxxxxxx>
wrote:

On
12
Feb,
16:05,
Avinash
<avinashd...@xxxxxxxxxx>
wrote:

Hi
I
am
trying
to
Convert
String
data
from
Web
Service
to
XML
My
String
data
looks

Re: Convert String data from Web Service to XML

like
<String>My
XML
is
inside
this
string
tag
</String>
I
want
to
extract
the
XML
inside
the
string
tag
in
Orchestration,
How
do
i
do
it
??
Any
help
is
appreciated.

Thanks–
Avinash

You
could
load
it
into
a
DOM
using
System.Xml.XmlDocument.
If
it
is

Re: Convert String data from Web Service to XML

a
small
piece
of
XML
this
shouldn't
be
too
much
of
an
overhead.
If
it's
a
large
amount
of
data
this
is
not
recommended
as
it
will
consume
lots
of
memory.
Another
option
is
to
use
an
XmlTextReader
(also
in
the
System.Xml
namespace)
to
parse
the
document
and
use
the
ReadElementContentAsString

Re: Convert String data from Web Service to XML

method
to
retrieve
the
value.
Another
quick
and
dirty
method
is
string
parsing.

Thanks
for
the
reply,

I
tried
using
this
method
below
and
return
an
Xml
document
type
back
to
Orchestration,
when
i
go
thru
the
Orchestration
Debugger
it
stops
at
where
it
actually
calls
this

Re: Convert String data from Web Service to XML

method
and
gives
me
an
error
saying

Inner
exception:
Invalid
cast
from
'System.String'
to
'System.Xml.XmlDocument'.
I
double
checked
my
variables
and
messages
every
thing
is
assigned
right
and
builds
the
project,
but
in
run
time
in
throws
the
above
error.

public

Re: Convert String data from Web Service to XML

```
XmlDocument  
VertexResponse(string  
VertexResponse)
```

```
{
```

```
XmlDocument  
temp=  
new  
XmlDocument();
```

```
string  
temp1;
```

```
temp.LoadXml(VertexResponse);
```

```
temp1=  
temp.DocumentElement.OuterXml;
```

```
XmlDocument  
temp2  
=  
(XmlDocument)Convert.ChangeType(temp1,
```

Re: Convert String data from Web Service to XML

```
typeof(XmlDocument));
```

```
return  
temp2;
```

```
}-  
Hide  
quoted  
text  
-
```

```
-  
Show  
quoted  
text  
-
```

You are
right, but i
need to
Assign this
OuterXml
which is a
string
type to a
Schema in
my project
so that i can
do some
mapping.-
Hide quoted
text -

- Show quoted text -

Re: Convert String data from Web Service to XML

Hi Linda,

Thanks for that response that helped, but the problem now is here are the steps that i am following

- 1) Capture the xml from the String Response from web service, using xmldocument & outerxml
- 2) Once i get the outerxml, since that's a string type i convert that again to xmldocument by using loadxml and assign to xmldocument variable
- 3) assign the xmldocument to a msg_1 (where msg_1 is my Schema type)

the issue is when i go thru orchestration debugger i can see the outer xml, but i see null assigned to xmldocument variable and msg_1

why would that happen?? Any ideas– Hide quoted text –

– Show quoted text –

All the code that i used earlier is gone, I am not using that any more, I am just following steps that you recommended me, that builds fine only problem is it's having null when i return the xmldocument variable and msg_1.– Hide quoted text –

– Show quoted text –

Linda/ Mark

Thanks for your Responses.

I got that working , The post made by me on feb 15th 11:24 am worked, but there was a bug in HAT, it never showed me the value that was getting assigned to my Schema Type message, "Perisistence points" applies here, so i wrote it to the Event log and it showed the message

Re: Convert String data from Web Service to XML

that i was getting.All good now.

Thanks
Avinash