
Subject: How to IDL to XML using XMLffDOMDocument

Posted by [Joan](#) on Wed, 20 Dec 2006 18:22:02 GMT

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Hi,

I'm in a trouble, i am trying to generate xml documents with
IDL-pvwave's object (XMLffDOMDocument),

I have to big 2 problems :

1- my xml is only one big line with all nodes at same line somebody
have some reason¿

2- I generate

oDoc = obj_new('XMLffDOMDocument')

and i can't use AppendChild() on oDoc more than 4 nodes, if i
do this the error is

```
% IDLFFXMLDOMNODE::APPENDCHILD: DOM Exception: HIERARCHY_REQUEST_ERR:
An
```

```
    attempt was made to insert a node where it is not
    permitted
```

of course i need more than 4 nodes in xml

Subject: Re: How to IDL to XML using XMLffDOMDocument

Posted by [Karl Schultz](#) on Wed, 20 Dec 2006 20:23:36 GMT

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On Wed, 20 Dec 2006 10:22:02 -0800, Joan wrote:

> Hi,

>

> I'm in a trouble, i am trying to generate xml documents with

> IDL-pvwave's object (XMLffDOMDocument),

>

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> 1- my xml is only one big line with all nodes at same line somebody

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See the PRETTY_PRINT keyword on the IDLffXMLDOMDocument::Save method.

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As the error message suggests, you're trying to add a child node in a way that does not make sense in XML.

For example, a Document cannot have more than one Element as a direct child, since there can be only one top-level Element in a Document. You didn't say what types of nodes you are adding to the Document, so we can't tell exactly what's wrong. But, I'd guess you are trying to add more than one Element to the Document. Note that the IDLffXMLDOMDocument object has a GetDocumentElement method that fetches the one Element that can be a direct child of the Document.

You probably want to make a top-level Element, and then add other Elements to that top-level Element as children.

Karl

Subject: Re: How to IDL to XML using XMLffDOMDocument
Posted by [Robbie](#) on Thu, 21 Dec 2006 03:31:56 GMT
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If you find XML confusing, you can always use my XML-RPC library to serialize IDL variables to and from an XML Encoding.

```
obj = obj_new('rt_xmlrpcfile')  
ret = obj -> print( "output.xml", value)  
ret = obj -> parse( "input.xml", value)
```

This is great for storing preferences in a text-editable format. Not so good if you've got a schema you must conform to.

Source code available at
<http://www.barnett.id.au/idl/>

Robbie

Subject: Re: How to IDL to XML using XMLffDOMDocument
Posted by [Joan](#) on Thu, 21 Dec 2006 17:34:22 GMT
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Thanks very much,

For first trouble i didn't the keyword /Pretty print of save method and
for the second trouble i can use the IDLffXMLDOMDocumentFragment
subclass of IDLffXMLDOMDocument.

I have used your xml-rpc but i prefer creat the xml than the schema :).

Thx for all
