
Subject: Muddling Through XML Files

Posted by [David Fanning](#) on Thu, 05 May 2005 21:02:03 GMT

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Hi Folks,

I'm back onto the big XML project. :-(

I'm muddling through, but I have a question. I'm busting through a configuration file, reading tags and making widgets as I go. All of this works nicely. But eventually I come to a "sensor" tag that is significantly different from all the other tags in the file, and needs to be processed differently.

What I would like to do, and what I have been led to believe other languages allow you to do, is take that whole tag, with all of its sub-tags, out of that file and send it somewhere else for processing. I can't seem to make out how to do that among the millions (alright, *thousands*) of XML objects sitting here in front of me. :-(

Any ideas?

Thanks,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: Muddling Through XML Files

Posted by [Karl Schultz](#) on Fri, 06 May 2005 15:41:27 GMT

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On Thu, 05 May 2005 15:02:03 -0600, David Fanning wrote:

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I'm assuming that you just want to write a subroutine that handles sensor elements. All you should need to do is pass the objref of the Element (IDLffXMLDOMEElement) of that sensor node to that subroutine. Then, that subroutine can freely visit the sensor's children to do what it needs to do. If the subroutine needs to find the document containing the sensor for some reason, you can use IDLffXMLDOMNode::GetOwnerDocument for that, rather than passing it as an extra parm to your subroutine.

But you say "out of the file". If this means writing the sensor element and its children to a new file, try the following:

```
oClone = oSensorElement->CloneNode(/DEEP)
oSensorDoc = OBJ_NEW('IDLffXMLDOMDocument')
oSensorDoc->appendChild(oClone)
oSensorDoc->Save, FILENAME='sensor.xml'
OBJ_DESTROY, oSensorDoc
```

Karl
