
Subject: GetLastChild

Posted by [Truong Le](#) on Thu, 21 Oct 2010 21:29:05 GMT

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Hi,

I am trying to get of the last child within a parent tag. However, I always get the first child instead.

Any help is appreciated.

Thanks

Subject: Re: GetLastChild

Posted by [David Fanning](#) on Thu, 21 Oct 2010 22:29:39 GMT

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Truong Le writes:

> I am trying to get of the last child within a parent tag. However, I
> always get the first child instead.

Get the first child of the parent, then look for siblings until you get to the last, spoiled child. That's the old that breaks the bank when it comes to college expenses. :-(

```
sib = event.id
child = event.id
WHILE sib NE 0 DO BEGIN
sib = Widget_Info(child, /SIBLING)
  IF sib NE 0 THEN child = sib
ENDWHILE
lastsib = child
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: GetLastChild

Posted by [Doug Edmundson](#) on Thu, 21 Oct 2010 23:21:52 GMT

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On 10/21/10 3:29 PM, Truong Le wrote:

> I am trying to get of the last child within a parent tag. However, I
> always get the first child instead.

The ALL_CHILDREN and N_CHILDREN keywords to WIDGET_INFO() should do the trick.

Cheers,
Doug

Subject: Re: GetLastChild

Posted by [David Fanning](#) on Thu, 21 Oct 2010 23:29:33 GMT

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Doug Edmundson writes:

> The ALL_CHILDREN and N_CHILDREN keywords to WIDGET_INFO() should do the
> trick.

Better than my low-tech solution, probably. ;-)

Cheers,

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Subject: Re: GetLastChild

Posted by [Truong Le](#) on Fri, 22 Oct 2010 15:04:58 GMT

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On Oct 21, 7:29 pm, David Fanning <n...@dfanning.com> wrote:

> Doug Edmundson writes:

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Hi All,

Thank you for responses. I am pretty new to all these. However, I want to get the last child using the similar method that I get for the first child without using the "item" keyword.
Below is how I go about obtaining the value of the first child.

```
doc = OBJ_NEW('IDLffXMLDOMDocument', FILENAME=filename)
elementValue = (((doc->GetFirstChild())-> $
  GetElementsByTagName(elementName))->item(0))-> $
  GetFirstChild()->GetNodeValue()
```

Thanks,

Truong

Subject: Re: GetLastChild

Posted by [Truong Le](#) on Fri, 22 Oct 2010 15:42:51 GMT

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On Oct 22, 11:04 am, Truong Le <truong...@gmail.com> wrote:

> On Oct 21, 7:29 pm, David Fanning <n...@dfanning.com> wrote:

>

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> elementValue = (((doc->GetFirstChild())-> \$
> GetElementsByTagName(elementName))->item(0))-> \$
> GetFirstChild())->GetNodeValue()
>
> Thanks,
>
> Truong

Okay, I think I found a way to resolve my problem, and here it is.

```
doc = OBJ_NEW('IDLffXMLDOMDocument', FILENAME=filename)
totalChild = (((doc->GetLastChild())-> $
  GetElementsByTagName(elementName)))-> $
  GetLength()

elementValue = (((doc->GetFirstChild())-> $
  GetElementsByTagName(elementName))->item(totalChild-1))-> $
  GetFirstChild())->GetNodeValue()
```

Thank you all!

Subject: Re: GetLastChild
Posted by [Karl\[1\]](#) on Fri, 22 Oct 2010 18:32:29 GMT
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On Oct 22, 9:42 am, Truong Le <truong...@gmail.com> wrote:
> On Oct 22, 11:04 am, Truong Le <truong...@gmail.com> wrote:
>
>
>
>> On Oct 21, 7:29 pm, David Fanning <n...@dfanning.com> wrote:
>

```

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>
> Thank you all!

```

I bet I was one of the few who knew that you were talking about the DOMDocument object instead of widgets.

GetLastChild() should work. Maybe if you post some sample XML that you are using and the code that uses GetLastChild that does not work, someone can figure out what is going on.

I note that you use doc->GetLastChild to get the count and then doc-> GetFirstChild to get the parent of the element list. But I think that both end up referring to the same object, so that should be ok.

You might try turning on the option to ignore ignorable whitespace. Sometimes ignorable whitespace objects appear in the tree in unexpected places and can interfere with accessing the elements.
