
Subject: Re: loop for XML

Posted by [Michael Galloy](#) on Sat, 06 Dec 2014 18:57:30 GMT

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On 12/6/14, 6:17 am, skymaxwell wrote:

```
> Hi
>
> I need read the XML file. Here is the fragment of file
>
> <root>
>   <Key1>
>     <p1>13</p1>
>     <tb1>10</tb1>
>   </Key1>
>   <KeyMeta>
>     <ax>21</ax>
>     <ay>59</ay>
>     <az>26.7</az>
>   </KeyMeta>
> </root>
>
>
> I was looking here something about XML, I find simple example with single tag
> There used these functions (oValue->GetFirstChild()->GetNodeValue())
>
>
> How build construction for multiple tags as my case ?
> I didn't find any functions in IDL help, which i could use in my case.
> May be I don't understand function Item(i).
>
> Here part of code
> =====
> p=OBJ_NEW('IDLffXMLDOMDocument')
> p->Load,FILENAME=filenameXML
> oTopLevel=p->GetDocumentElement() ;return root IDLffXMLDOMDocument
> ; tag with name
> mainTagsList=oTopLevel->GetElementsByTagName("KeyMeta")
> ; how many KeyMeta tags in documents
> PRINT,"Length=",mainTagsList->GetLength()
> ;loop
> FOR i=0,mainTagsList->GetLength()-1 DO BEGIN
>   ;How to do correct loop ???
> ENDFOR
>
> =====
>
>
> thanks
```

>

Try this:

```
p = obj_new('IDLffXMLDOMDocument')
p->load, filename=filenameXML
```

```
oTopLevel = p->getDocumentElement() ;return root IDLffXMLDOMDocument
```

```
; tag with name
metaList = oTopLevel->getElementsByTagName('KeyMeta')
; how many KeyMeta tags in documents
metaElement = metaList->item(0)
metaChildrenList = metaElement->getElementsByTagName('*')
for c = 0L, metaChildrenList->getLength() - 1L do begin
    item = metaChildrenList->item(c)
    name = item->getTagName()
    dataList = item->getFirstChild()
    value = dataList->getNodeValue()
    print, name, value, format='(%s = %s)'
endfor
```

Mike

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Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)

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