
Subject: Another XML Question

Posted by [David Fanning](#) on Tue, 22 Mar 2005 17:42:42 GMT

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Folks,

OK, I'm lost again. :-(

I have an XML file that looks like this:

```
<CONFIGDATA>
<CAMPAIGN_ID>
  <TYPE>INT</TYPE>
  <VALUE>00</VALUE>
</CAMPAIGN_ID>
<SPAM_WAIT>
  <TYPE>INT</TYPE>
  <VALUE>60</VALUE>
  <UNITS>sec</UNITS>
</SPAM_WAIT>
<HEARTBEAT_TIME>
  <TYPE>INT</TYPE>
  <VALUE>60</VALUE>
  <UNITS>sec</UNITS>
</HEARTBEAT_TIME>
</CONFIGDATA>
```

I wish to make widgets that look something like this:

```
field = FSC_Field(tlb, Title='CAMPAIGN_ID' + ", Value=0, /Integer)
field = FSC_Field(tlb, Title='SPAM_WAIT' + ' (sec)', Value=60)
field = FSC_Field(tlb, Title='HEARTBEAT_TIME' + ' (sec)', Value=60)
```

Naturally, I wish to make then in a generic fashion from the XML file.

I cannot figure out how to pull out the information from the CAMPAIGN_ID element for example:

```
name: CAMPAIGN_ID
value: 00
units: n/a
```

Without knowing in my code that the element CAMPAIGN_ID exists.

I guess my question is this: How can I find all the sub-elements of CONFIGDATA in a generic way? (I can find ALL the elements in the file, but what I want is the first sub-elements of CONFIGDATA, then

all of *its* sub-elements, etc.) I find the documentation uh, vague. :-(

Thanks.

Cheers,

David

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