
Subject: Re: XML to Configure IDL Programs?
Posted by [dg86](#) on Fri, 28 Mar 2014 21:06:46 GMT
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On Friday, March 28, 2014 3:45:38 PM UTC-4, David Fanning wrote:

> Folks,
>
>
>
> Has anyone ever used XML files to configure IDL programs, or create IDL
>
> menus for widget programs, that kind of thing? I'm looking for good
>
> advice and/or ideas for how to do this kind of thing. I'd like to make
>
> an application that can be built and/or modified by text (XML) files.
>
>
>
> Thanks,
>
>
>
> David
>
> --
>
> David Fanning, Ph.D.
>
> Fanning Software Consulting, Inc.
>
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Hi David,

I've used IDL's IDLffXMLSAX objects to write a very convenient XML configuration parser. My object inherits IDLffXMLSAX and parses configuration into a hash of configuration options and their values. I then use the hash to set up my program.

Here's a configuration file for the camera component of the instrument, just to give a sense of what's been working for me:

```
<camera object="fabcamera_opencv"  
  greyscale="1"  
  order="1"
```

```
        dimensions="[640,480]">  
</camera>
```

The parser object is on github at
https://github.com/davidgrier/nufab/blob/master/objects/misc/fab_configurationparser__define.pro

TTFN,

David
