
Subject: Re: Library/Functions to write configuration file for application

Posted by [Gray](#) on Mon, 31 Jan 2011 21:09:13 GMT

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On Jan 31, 2:52 pm, Paolo <pgri...@gmail.com> wrote:

> On Jan 31, 2:05 pm, Robin Wilson <ro...@rtwilson.com> wrote:

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>> Hi,

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>> I've written a fairly complex piece of modelling software in IDL, and
>> the model requires a number of parameters to run (input and output files
>> as well as various numerical parameters).

>

>> I want to be able to run this model from a batch file, and would like to
>> have a configuration file in which I specify all of these parameters and
>> then all I have to do is give the model the name of the configuration file.

>

>> What I was wondering is whether there are any libraries/sets of
>> functions in IDL that would help with reading and writing these
>> configuration files? I know that a number of programming languages
>> either have inbuilt functions for writing configuration files or some
>> add-ons which do that - do any of these exist for IDL?

>

>> I could knock up some simple file reading/writing code, but that would
>> make it rather difficult if I changed the order/number of variables in
>> the file, as I'd probably have to read some lines as strings and some as
>> floats, ints etc, and I could see it getting very complicated and
>> difficult to maintain.

>

> Well, if the values can only be int, floats or strings, nothing
> like a good old-fashioned text file in format

>

> parname = parvalue

> anotherparname = anothervalue

>

> etc.

>

> which is quite easy to parse.

>

> Ciao,

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> Paolo
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>> Any ideas?
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>> Cheers,
>
>> Robin
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>> -----
>> Robin Wilson
>> A PhD student studying complexity in remote sensing www.rtwilson.com/academic
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Or, something along the lines of a FITS header, which has a lot of stuff written for parsing already. Check out the NASA astronomy IDL library for examples.
