Subject: Re: Library/Functions to write configuration file for application
Posted by pgrigis on Mon, 31 Jan 2011 19:52:19 GMT
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On Jan 31, 2:05 pm, Robin Wilson <ro...@rtwilson.com> wrote:
> Hi,
>
> 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,
Paolo

>
> Any ideas?
>
> Cheers,
>
> Robin
>

> ------------------
> Robin Wilson
> A PhD student studying complexity in remote sensingwww.rtwilson.com/academic