
Subject: Re: Config files

Posted by news.qwest.net on Thu, 09 Feb 2006 16:53:31 GMT

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"Edd" <eddedmondson@hotmail.com> wrote in message

news:dsf79i\$fam\$1@news.ox.ac.uk...

```
> I'd like to shift my rather clunky code with too many hardcoded
> constants over to using some sort of configuration file, ideally
> something in a sensible ASCII format. I'd want to pass my code the
> filename, and then it could read the file and pair things up in a
> structure, so I might have a file like
>
> input = myinputdata.dat
> output = myoutputwillgohere.dat
> aconstant = 1.0
> anarray = [1,2,3]
>
> and read it with something like
> foo=readconfig('configdata.txt')
> and get a datastructure from it like
> foo.input='myinputdata.dat'
> foo.aconstant=1.0 etc...
>
> Shirley I don't need to reinvent the wheel? Anything functionally
> vaguely similar would be very handy.
>
> --
> Edd
```

A while ago I tried to make a singleton config object.

Couldn't really do it, but what I ended up doing was making
a system variable of an object (of an array of structures),
and had a initialization routine that checked to see if it already existed.

```
pro initialize_qscatinfo,verbose=verbose
```

```
  defsysv,'!qscatinfo',exist=exist
```

```
  If exist then begin
```

```
    if keyword_set(verbose) then print,'variable already defined: '
```

```
  endif else begin
```

```
    if keyword_set(verbose) then print,'defining variable: '
```

```
    defsysv,'!qscatinfo',OBJ_NEW('qscat_info')
```

```
  endelse
```

```
end ; procedure
```

The object was an array of structures, and it had the usual "get" method that was based on keywords:
return = !qscatinfo->get(/keyword)

Cheers,
bob
