Subject: Re: fstat, file_info and file_test
Posted by btt on Wed, 14 May 2003 18:28:53 GMT

Richard Younger wrote:
> Ben Tupper wrote:
> [...]
>
>> What I would like to have is a function similar to:
>>
>> result = FILE_ISOPEN(filename)
>>
>> that returns a 1 (for open) or a 0 (for closed). Or, perhaps better in
>> the long run, I'd like to see an /ISOPEN keyword added to FILE_TEST.
>
>
> Hi Ben.
>
> I don't think IDL associates file names with open files except through LUNs,
> so I can only think of the brute force method:
>
> FUNCTION IsFilenameOpen, filename
>
> COMPILE_OPT idl2
>
> test_struc = Fstat(0)
> struc_array = Replicate(test_struc, 129)
>
> FOR i=1, 128 DO BEGIN
>   struc_array[i] = Fstat(i)
> ENDFOR
>
>   index = Where(struc_array.name EQ File_Expand_Path(filename), count)
>
>   IF count EQ 0 THEN RETURN, 0 ELSE RETURN, 1
>
> END
>
> Wouldn't want to put it in an inner loop, though.
>
> Good luck,
> Rich
>
>

Hi,

OK, how about running through the possible LUNs (100-128) until a match

is found. I like the cross-platforminess of your solution.

```
FUNCTION File_IsOpen, filename

COMPILE_OPT idl2

For i = 100, 128 Do $
    If ( (Fstat(i)).NAME EQ File_Expand_Path(filename) ) Then Return, 1

Return, 0
END
```

Thanks,
Ben