
Subject: Re: fstat, file_info and file_test
Posted by [Richard Younger](#) on Wed, 14 May 2003 16:13:21 GMT
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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_struct = Fstat(0)
```

```
  struc_array = Replicate(test_struct, 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

--

Richard Younger
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