
Subject: Re: Drive detection on win

Posted by [Peter Mason](#) on Mon, 23 Oct 2000 07:00:00 GMT

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Hello Bernard,

> Is there a way to get a list of all the disk drives available on a
> windows machine?

I don't think there's an IDL command just for this, but then again you won't have to go out to C for it. There's a standard Win32 function that'll almost give you what you need, and you can call it directly with IDL's `CALL_EXTERNAL()`.

The function's called `GetLogicalDrives` and it lives in `kernel32.dll` - a core component of Win9x / NT that'll always be present. You can call it from IDL like this:

```
drivemask=CALL_EXTERNAL('kernel32.dll','GetLogicalDrives')
```

What you'll get back is a 32-bit integer that has its bits set according to what drives are present. e.g., If you only have an A: and a C: drive then you'll get back the value 5. It also picks up on network drives that have been mapped to a drive letter. If it fails for some reason then it returns zero.

Given this, you could quite easily put together some IDL code to turn the drive mask into a STRARR of drive names.

Cheers

Peter Mason

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