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Subject: Re: Win32 and Removeable Drives

Posted by [Martin Downing](#) on Wed, 21 Feb 2001 17:24:34 GMT

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Hi Bernard,

I think the best way is to catch the error using a wrapper function  
heres a couple of functions which I tested on Win 2000. Hope they do the  
job for you.

example usage:

```
IDL> print, dir_exist("c:")
1
IDL> print, dir_exist("f:")
1
; eject media
IDL> print, dir_exist("f:\")
0
IDL> safe_cd, "f:", success = success
IDL> print, success
0
```

regards

Martin

```
;-----
--
```

```
; Wrapper function for CD - change directory
; Martin Downing 2000
; If it catches an error, success is set to 0 otherwise 1
pro safe_cd, dir, success=success, current = current, debug=debug
```

```
; error handling
Catch, error_status
IF Error_status NE 0 THEN BEGIN
  if keyword_set(DEBUG) then begin
    PRINT, "Directory change failed"
    PRINT, 'Error message: ', !ERROR_STATE.MSG
  endif
  success = 0
  return
ENDIF
```

```
; try to change directory
cd, dir, cur = current
; if we get this far then everything must be ok
success = 1
```

```
return
end
```

```
;-----
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```

```
; Test if a directory exists
function dir_exist, dir
  cd, cur = cur
  safe_cd, dir, success=success
  if success eq 1 then cd, cur
  return, success
end
```

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"Bernard Puc" <bpuc@va.aetc.com> wrote in message  
news:3A92D8C3.3A6CFC9A@va.aetc.com...

```
> Hello,
>
> I need some help with determining whether a removable drive has media
> installed or not on a win32 platform running windows. Specifically, how
> can I do it? I need to use the CD command but I also need to verify
> that the drive is readable beforehand. Any clues much appreciated.
>
> -Bernard Puc
> AETC, Inc.
```

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