

GetCommandLineArgs\$ sub

An example of using the Windows API to retrieve the entire command line, then parsing it to extract just the arguments passed to the executable.

If cmdLine\$ contains

- C:\test.exe /switch

then args\$ will be assigned the value

- /switch

If cmdLine\$ contains

- "C:\test folder\test.exe" /param1 /param2 -param3

args\$ will be assigned

- /param1 /param2 -param3

```
sub GetCommandLineArgs$ byref args$
  q$ = chr$(34)

  'API call returns pointer to a string
  'containing command line contents
  callDll #kernel32, "GetCommandLineA", _
    pointer as ulong

  'Use winstring() to actually get the string
  'from pointer
  cmdLine$ = trim$(winstring(pointer))
  cLen = len(cmdLine$)

  'Extract just the arguments from the variable
  if (left$(cmdLine$, 1) = q$) then
    qPos = instr(cmdLine$, q$, 2)
    args$ = trim$(right$(cmdLine$, cLen - qPos))
  else
    pLen = len(word$(cmdLine$, 1))
    args$ = trim$(right$(cmdLine$, cLen - pLen))
  end if
```

end sub