

Re: How to parse output from a command

Source:

<http://www.tech-archive.net/Archive/Scripting/microsoft.public.scripting.vbscript/2005-07/msg00360.html>

- *From:* Don <Don@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 11 Jul 2005 13:58:10 -0700
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Thanks for the reply. I'm not actually trying to ping a computer. I'm sorry, I should've been more specific.

What I'm trying to do is extract a word out of stdout, in this case, the IP Address itself. I'm just using the ping scenario as an easy example. But I'm trying to find a way to get any string out of any output. As long as I know that some of the delimited strings will always be the same, I should be able to retrieve a value of an unknown string in that line.

I tried this:

```
[code]
SET objShell=CreateObject("Wscript.Shell")
DIM objExec, strResult
SET objExec = objShell.Exec("for /f " & Chr(34) & "tokens=3 delims=: " & _
Chr(34) & " %i in ('ping -n 1 localhost ^| find " & Chr(34) & "Reply
from " & _
Chr(34) & "') do @echo %i")
WHILE objExec.Status <> WshFinished
'wait for command to complete
WEND
strResult = objExec.StdOut.ReadAll
WScript.Echo strResult
[/code]
```

But it says it cannot find the file specified. And I was hoping I could bypass the DOS command all together, thinking there would be an easy way to do this straight out of VB.

In the DOS way of doing this as per the example, I can "find" the line with the words "Reply from", and parse that with the "for /f" statement by locating the 3rd token, which is the IP address I'm looking for.

The same would hold true if I was trying to find the default gateway ip address of a workstation, like:

```
[code]
for /f "tokens=12 delims=: " %i in ('ipconfig ^| find "Default Gateway") do
@echo %i
```


- **Follow-Ups:**
 - ◆ **[Re: How to parse output from a command](#)**
 - ◇ *From:* Torgeir Bakken \(\MVP\)
 - ◆ **[Re: How to parse output from a command](#)**
 - ◇ *From:* TDM
 - ◆ **[Re: How to parse output from a command](#)**
 - ◇ *From:* James Whitlow

- **References:**
 - ◆ **[How to parse output from a command](#)**
 - ◇ *From:* Don
 - ◆ **[Re: How to parse output from a command](#)**
 - ◇ *From:* Ed Thurber

- Prev by Date: **[How to delet unwanted files and folders](#)**
- Next by Date: **[Re: How to parse output from a command](#)**
- Previous by thread: **[Re: How to parse output from a command](#)**
- Next by thread: **[Re: How to parse output from a command](#)**
- Index(es):
 - ◆ **[Date](#)**
 - ◆ **[Thread](#)**