

# Re: grep, which, and tail commands?

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  - *Date:* Tue, 04 Jul 2006 12:26:32 +0100
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Jon,

For grep equivalence take a look at `get-content` with a `where-object` in the second pipeline step.

For example, you want to find lines in a file that match a regular expression pattern:

```
get-content filename |  
where-object { $_ -match "regularExpressionPattern" }
```

Adapt as necessary.

For tail take a look at the `-first` and `-last` parameters on `select-object`. You would typically use it with a `sort-object` in the preceding pipeline step to order objects according to the criterion of interest.

I am not too familiar with "which" but from your description something like

```
get-childitem Script1.ps1 |  
format-list Name, PSParentPath
```

should give you something similar to what you want.

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On Mon, 3 Jul 2006 14:37:01 -0700, Jon Miller <[Jon.Miller@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Jon.Miller@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote:

Hi,

I'm just starting to play around with PowerShell. It seems pretty cool. There are a few things that I'm wondering though. Namely, I'm wondering if there are equivalents for UNIX commands `grep`, `which`, and `tail`. With regard to

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grep, I'm wondering if there are plans for an updated version of FINDSTR.EXE that is possibly more robust. I've also found the UNIX which command very valuable. It tells you where in your path an executable file is found. And also, tail with the -f flag is very valuable for viewing log files and having their output displayed as new output is written to them. I've created my own .NET implementations (in C#) of the later two commands, but, I was thinking it would be nice since there seems to be interest in finally getting a decent shell going for Windows that these other commands be bundled with the OS and/or the shell.

Jon