

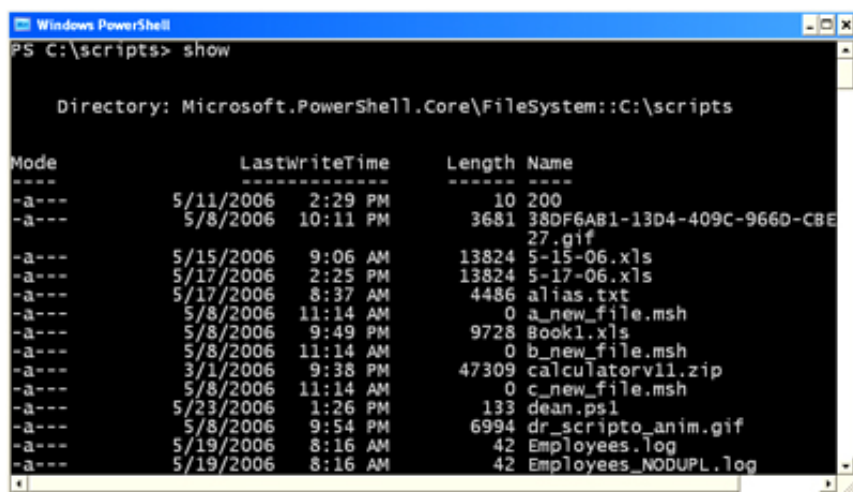
Using the New-Alias Cmdlet

Creating a New Windows PowerShell Alias

So you say that you like Windows PowerShell, but you have problems remembering some of the cmdlet names? Well, then why not create an alias for those cmdlets, an alias that you *can* remember? For example, maybe you'd prefer to type *show* instead of *Get-ChildItem*. If that's the case, then you can use the **New-Alias** cmdlet to map the term *show* to *Get-ChildItem*. All you have to do is call **New-Alias** followed by the alias name (*show*) and the cmdlet the alias is being mapped to (*Get-ChildItem*). You know, something like this:

```
New-Alias show Get-ChildItem
```

Now, what do you suppose will happen the next time you type *show* in the Windows PowerShell console? You got it:



By default, aliases are not saved between Windows PowerShell sessions: each time you restart Windows PowerShell you'll need to recreate the alias. To ensure that your new aliases survive between Windows PowerShell sessions, create a PSConfiguration folder in your Windows PowerShell profile folder. For example:

```
C:\Documents and Settings\gstemp\My Documents\PSConfiguration
```

Note. How are you supposed to *know* your Windows PowerShell profile folder? Just type this command:

```
Get-Variable profile | Format-List
```

In the PSConfiguration folder, create a file named Microsoft.PowerShell_profile.ps1 and add the following command to the file:

```
Set-Alias show Get-ChildItem
```

That should do the trick.

New-Alias Aliases

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¹<http://technet.microsoft.com/en-us/library/ee332526.aspx>

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