





Introducing Updateable Help

- PowerShell is part of the OS so out-of-band updates are difficult
- Help files and documentation can now be updated separately from PowerShell through a network download
- OOB help has minimal footprint and minimal content
- PowerShell vendors can also take advantage of this feature






Using Update-Help

- Gets help for all locally installed modules
 - or you can specify a module
- You can specify a culture
 - Default is en-US
- Only downloads once a day unless you use
 - Force

Example

- `PS C:\> Update-Help -force`



Updateable Help Limitations

- No help content out of the box
- Requires administrator and elevated credentials
- Requires Internet access
- No help for some modules and cultures
- Supports modules only



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Saving Help

- Saves help to a local destination
- Only saves for modules on your system
 - Tip: install [Rsat](#) for Windows 8 to get most modules
 - Tip: use [remoting](#) to save server specific help
- Create a scheduled task to download help periodically

Example

- `PS C:\> Save-Help \\srv01\files\pshelp`

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Updating Help from Local Source

- Specify a source path
 - `PS C:\Update-Help -source \\srv01\files\pshelp`
- Use Group Policy to set the default source path
 - Computer/Administrative Templates/Windows Components/Windows PowerShell
- Create a scheduled task for clients and servers to update help
- Modify your profile to run Update-Help

Recommended Reading

- <http://www.petri.co.il/how-to-create-powershell-update-system-help-files.htm>

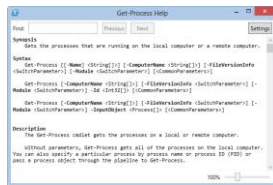
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Update Help Demo

Show Window Help

- Online help still available
- Open help in a popup window
- A new parameter for Get-Help
 - `PS C:\> help get-process -ShowWindow`

- Easier copy and paste
- Easier to search
- Customizable settings



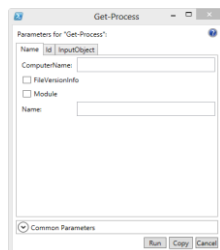
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Show-Command

- New v3 command
- Use with any cmdlet
- Use it to understand how to a cmdlet "works"
- Fill in the blanks to create a command you can run or copy
- Integrated in the ISE

Example

- `PS C:\> show-command get-process`



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Show Demos

Help is Your Friend

- Take time to learn new help features
- Re-read help
 - Fixed bugs
 - New parameters
 - New examples
 - New About topics
- Use Show-Command as a GUI command builder



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