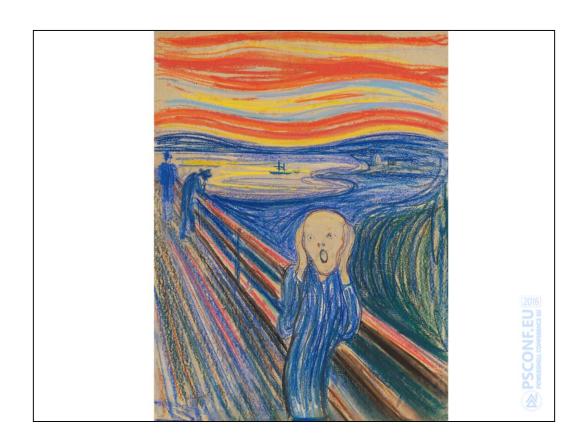
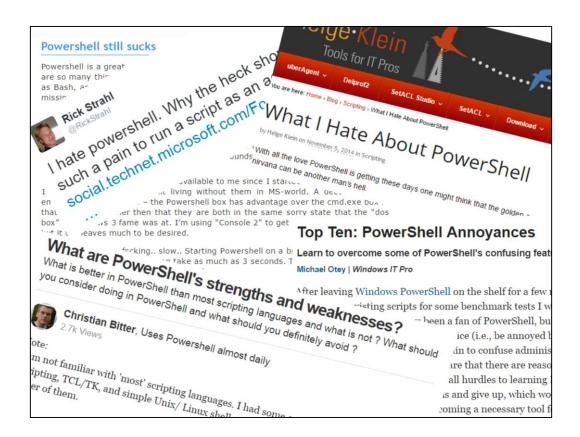


PowerShell Conference Europe Hannover, 2016 www.psconf.eu

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Edvard Munch - en.wikipedia, public domain https://commons.wikimedia.org/w/index.php?curid=37640961



Helge Klein

What I Hate About Powershell

https://helgeklein.com/blog/2014/11/hate-powershell/

What are PowerShell's strengths and weaknesses?

Christian Bitter

https://www.quora.com/What-are-PowerShells-strengths-and-weaknesses

Things n' Stuff

http://geek.co.il/2013/03/17/powershell-still-sucks

Michael Otey | Windows IT Pro

Top Ten: PowerShell Annoyances

http://windowsitpro.com/powershell/top-ten-powershell-annoyances

Rick Strahl (on Twitter)

https://twitter.com/rickstrahl/status/598171607492743168



KEEP CALM FOR YOUR MILEAGE MAY VARY

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The usual suspects

- ComparisonOperators
- ExecutionPolicies
- Write-Host -foregroundcolor 'blue'
- Strict mode, variable declaration
- · WMI
- Powershell -ne 'Bash'
- \$yourOpinionGoesHere

• ...



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My personal

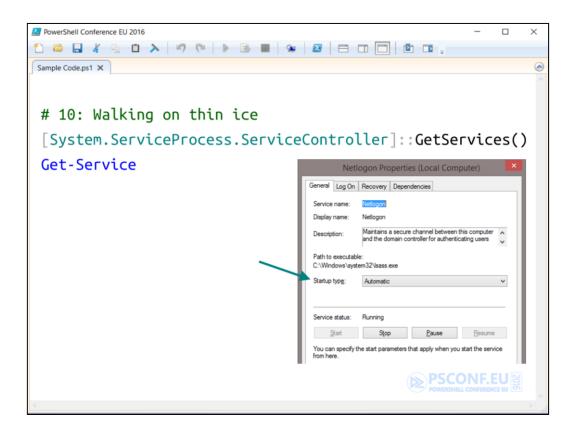
TOP 10 LIST

PowerShell

annoyances



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```
# 9: Lost in translation

'Mesut Özil' -replace 'ö','oe'

'Mesut Özil'.replace('ö','oe')

'Mario Götze' -replace '\bö','oe'

'Mario Götze' -replace ('\bo','oe')
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# 7: Keep it simple?

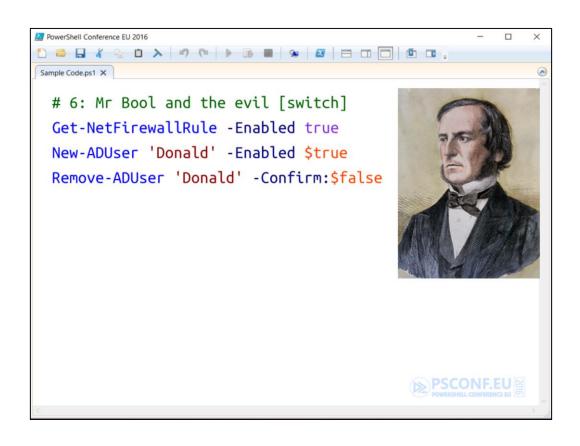
Get-Process |
Where-Object { $_.WS -gt 40MB} |
Sort- Object WS -Descending

Get-Process |
where { $PSITEM.WS -gt 40MB } |
sort WS -Descending

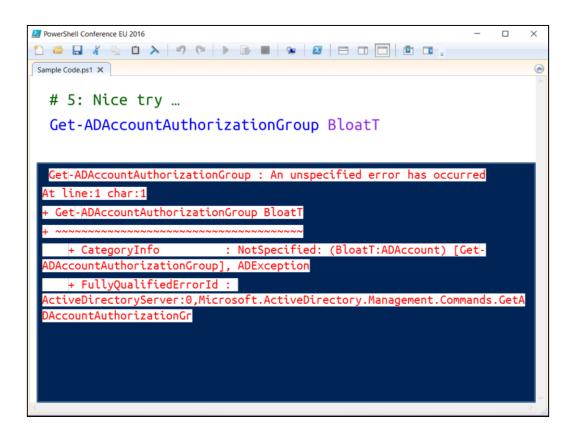
ps | ? { $_.WS -gt 40MB } | sort WS -des

ps | ? WS -gt 40MB | sort WS -des
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# 4: The impact of speed has been greatly exaggerated
$count = 10000

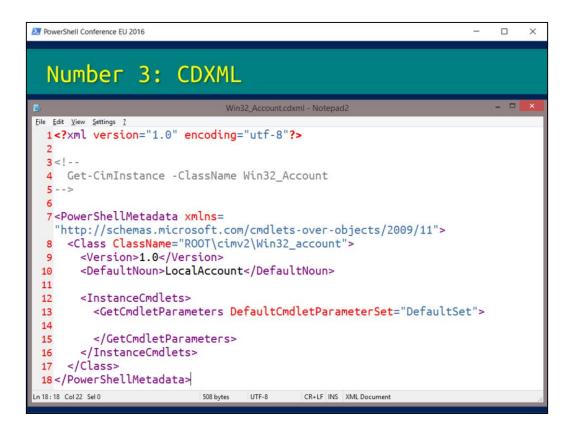
[System.Collections.ArrayList]$al = @()
foreach ($i in 1..$count) {

$test = Get-Random
$al.Add($test)
}

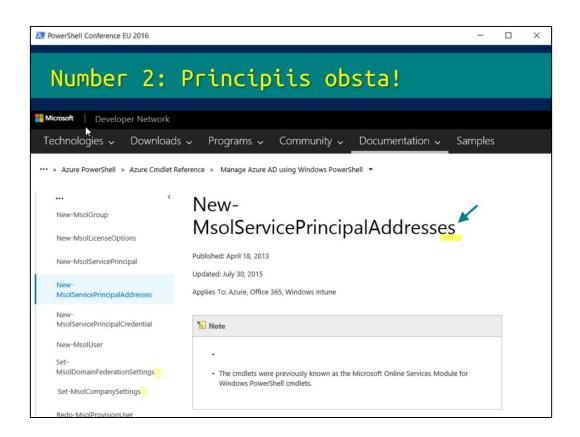
[array]$arr = @()
foreach ($i in 1..$count) {

$test = Get-Random
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"Principiis obsta" = Resist the beginnings https://en.wikiquote.org/wiki/Ovid

https://msdn.microsoft.com/library/dn169221.aspx

Malformed cmdlets:

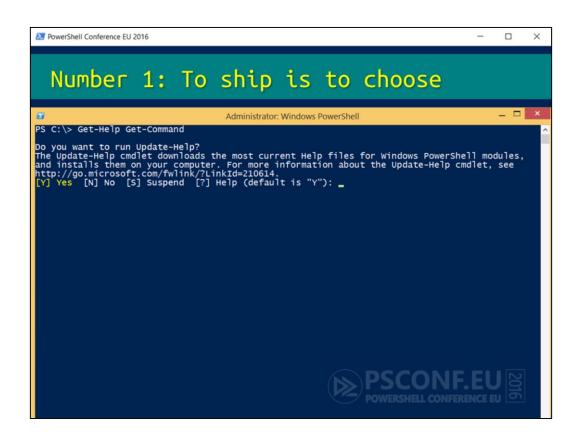
New-MsolServicePrincipalAddresses

Set-MsolDomainFederationSettings

Set-MsolCompanySettings



https://upload.wikimedia.org/wikipedia/commons/e/ed/Stapellauf.jpg



"Principiis obsta" = Resist the beginnings https://en.wikiquote.org/wiki/Ovid

Malformed cmdlets:

New-MsolServicePrincipalAddresses

Set-MsolDomainFederationSettings

Set-MsolCompanySettings

Reference:

https://msdn.microsoft.com/library/dn169221.aspx



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The monad manifesto

- "Most solutions are home brewed and composed out of existing commands by administrators.
- Most solutions are focused on either automating management or providing ad hoc fixes.
- Most administrators are para-programmers. They
 either don't have the desire, skill or
 (more often), the time to do
 sophisticated programming.
- 4. Most application developers won't make their code manageable unless there is immediate and substantial user benefit

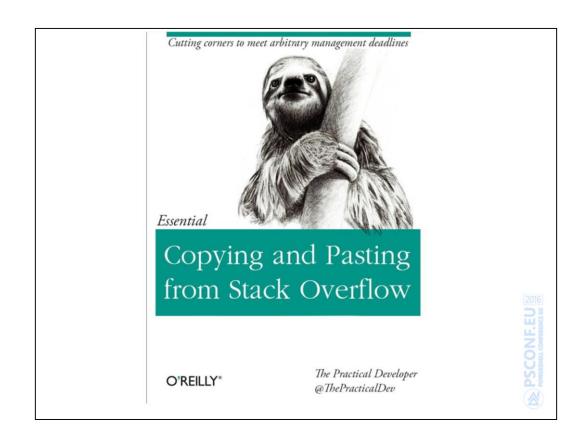


http://www.jsnover.com/Docs/MonadManifesto.pdf Page 3:

"4 New Approaches

Monad takes new approaches to the issues of 1) building commands, 2) composing solutions 3) management models and 4) management GUIs. The Monad architecture flows from the following observations:

- 1. Most solutions are home brewed and composed out of existing commands by administrators.
- 2. Most solutions are focused on either automating management or providing ad hoc fixes.
- 3. Most administrators are para-programmers. They either don't have the desire, skill or (more often), the time to do sophisticated programming.
- 4. Most application developers won't make their code manageable unless there is immediate and substantial user benefit. "



https://twitter.com/nixcraft/status/705848396926464000



