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# Troubleshooting SQL Server with PowerShell

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# About me

- SQL Server DBA
- PowerShell Enthusiast
- Simple-Talk Author
- SQLPSX Developer
- Writing a Book about day-to-day Practical Solutions using PowerShell and SQL Server
- Coffee and Chocolate Addict (I cannot)
- HUGE STAR WARS FAN



# The 4 Commandments

- 1- Commandment

```
$Process = Get-Process -ComputerName Obiwan  
foreach ($Process1 in $Process) {  
    if ($Process1.ProcessName -like "*sql*"){  
        Write-Host $Process1.ProcessName  
    }  
}
```

```
Get-Process -ComputerName Obiwan -name "*sql*" |  
Select-Object Name
```



- IF you will code in PowerShell as you do in C#. Do it in C#
  - To Code in PowerShell we need to think as PowerShell

# The 4 Commandments

- 2 - Whenever possible, write **FUNCTIONS** not scripts. A function should do one thing well.
- 3 - Always coding in a good IDE. We definitely aren't normal, but we don't need to be masochistic
- I am a Chocolate Addict. But it is not because I love chocolate that I will eat in breakfast, lunch and dinner. The same with PowerShell.
  - The main skill that a DBA that uses PowerShell has to have is knowing when not to use PowerShell

# Coming up...

Speaker	Title	Room
Alberto Ferrari	DAX Query Engine Internals	Theatre
Wesley Backelant	An introduction to the wonderful world of OData	Exhibition B
Bob Duffy	Windows Azure For SQL folk	Suite 3
Dejan Sarka	Excel 2013 Analytics	Suite 1
Mladen Prajdić	From SQL Traces to Extended Events. The next big switch.	Suite 2
Sandip Pani	New Analytic Functions in SQL server 2012	Suite 4





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