



Automate Operational Readiness and Validation Testing

of SQL Server with PowerShell and Pester

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Get-Help -Name 'about_Presenter'

- Mike F Robbins
- Microsoft MVP
- SAPIEN Technologies MVP
- Leader & Co-Founder of Mississippi PowerShell User Group
- Co-Author of Windows PowerShell TFM 4th Edition
- Author of Chapter 6 in the PowerShell Deep Dives book
- Winner of the Advanced Category in the 2013 Scripting Games
- Learn more about me @ mikefrobbins.com



Pester

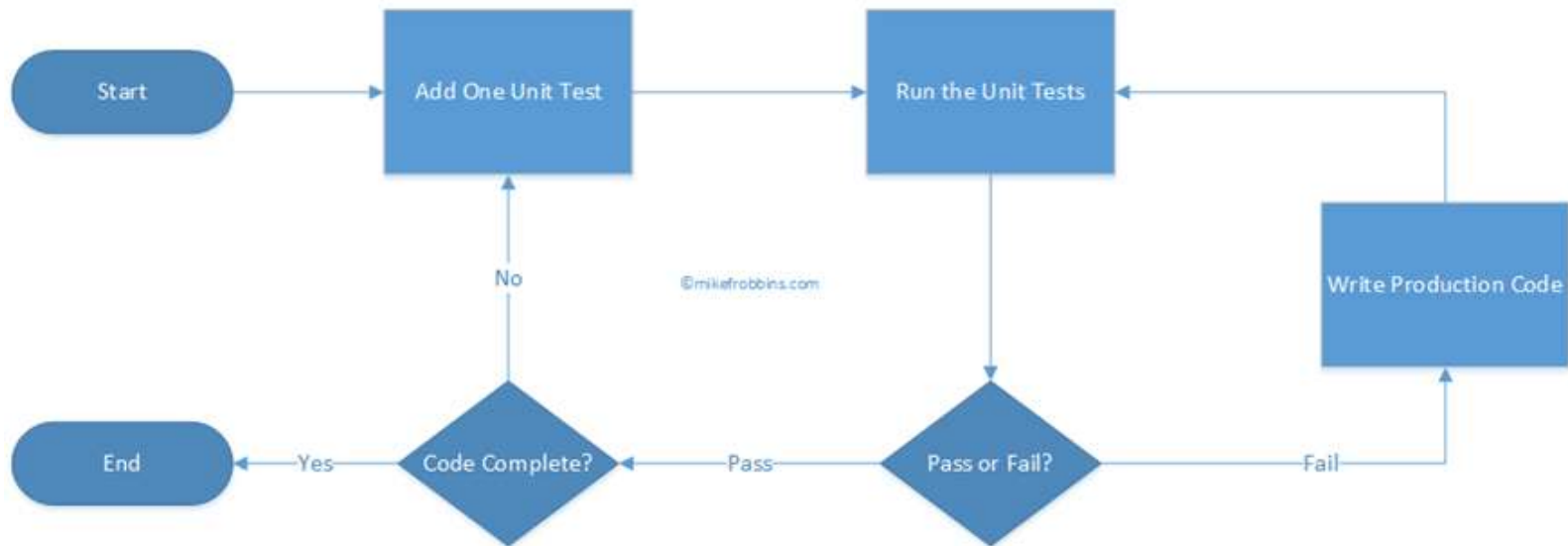
- Unit Test Framework for PowerShell
- Assertions
 - Should
- Mocking
- Isolated File Operations
 - TestDrive
- Unit Testing within Modules
 - Public Functions
 - Private Functions

For more info about Pester, see: <https://github.com/pester/Pester/wiki>



Test-Driven Development (TDD)

Test Driven Development Workflow



Source: <http://mikefrobbins.com/2016/05/12/why-isnt-test-driven-development-more-widely-adopted-and-accepted-by-the-powershell-community/>



Operational Validation Testing

- PowerShell
- Pester
- TSQL
- WMI
- Operation Validation Framework
- Other third party products



Start-Process 'Demo'

Demo Code: github.com/mikefrobbins/Presentations



Select-Object –Property ‘Resources’

- [Pester Wiki on GitHub](#)
- [Operation Validation Framework](#)
- [PowerShell.org](#)
- [PowerShell Magazine](#)
- [Hey, Scripting Guy! Blog](#)
- [User Groups](#)
- [Twitter](#)
- [Blogs](#)
- [Slack](#)
- [Trello](#)



Get-Contact –Identity ‘Presenter’

- Blog: mikefrobbins.com (or MrPowerShell.com)



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