Testing PowerShell with Pester

INTRODUCTION TO PESTER
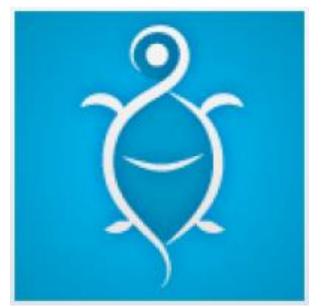
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Introduction to Pester

Implementing Your First Pester Tests

Basic Function Testing with Pester

Growing Your Pester Skills – Advanced Function Testing

Verifying Script Changes with Pester

Creating New Scripts with Test Driven Development

Say Hello to Hortense

PodcastSight

Podcast Aggregator

PowerShell to Import Podcast Data

RSS

Requirements - Module

Podcast-*podcastname*

- Podcast-NoAgenda

Have both psm1 and psd1

Requirements - All Functions

Help
- Synopsis
- Description
- Example

Write-Verbose

Advanced Functions
- param block
- Pipeline enabled

Functions in their own files

Requirements – Individual Functions

Public Functions

- Get-*podcastname* (Get-NoAgenda)
- Get-PodcastData

Private Functions

- Get-PodcastImage
- Get-PodcastMedia
- ConvertTo-PodcastXML
- Write-PodcastXML
- ConvertTo-PodcastHTML
- Write-PodcastHTML

Types of Testing

Unit Tests

Integration Tests

Acceptance Tests

Pester

Open source PowerShell module

Included with Windows 10

Downloadable for other Windows versions

Easy to update

Summary

Introduction to Podcasting and RSS

PodcastSight

Testing Types

Pester