

Jaap Brasser

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Works Sr. Developer Advocate

Does Blogger, Speaker, Coder

Likes Cloud Automation & Security



Agenda

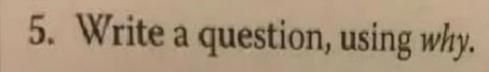
Why

Pester

Examples

Questions

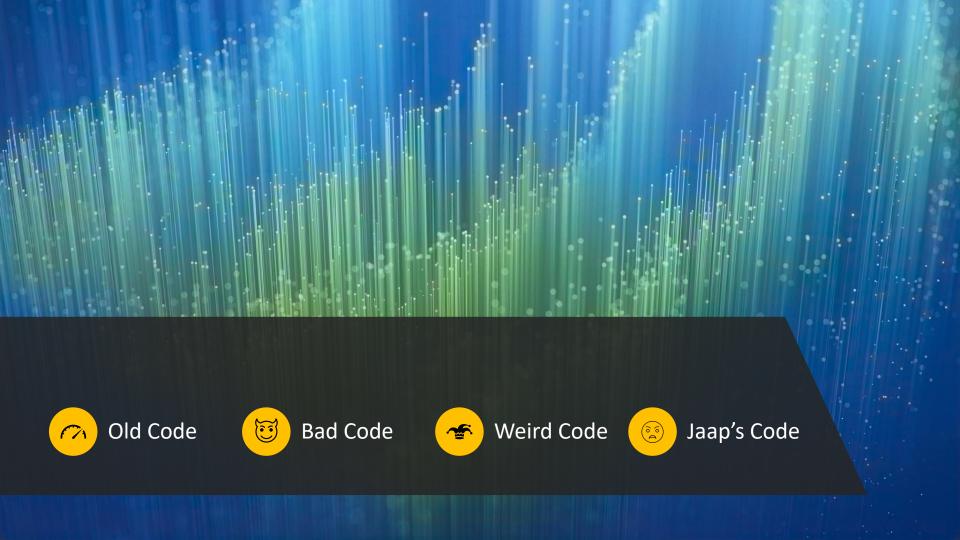
Why

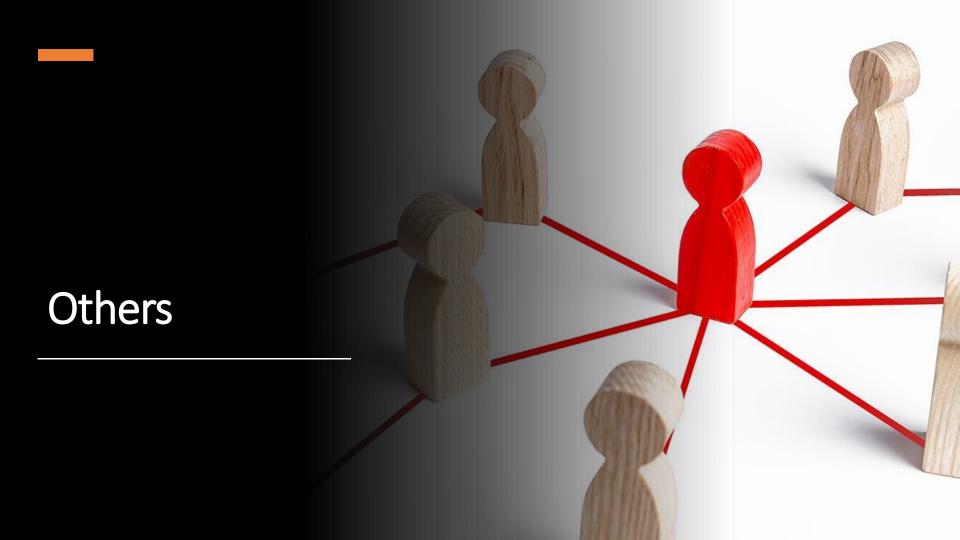


Why

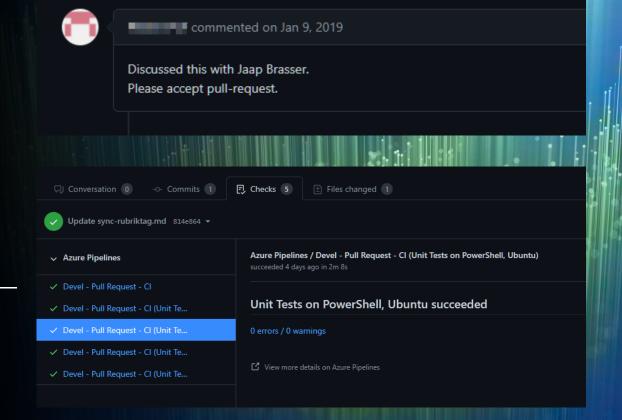
```
"List | sort-object @{Expression={$ .FullName.Length}; Ascending=$
Function Invoke-Pikachu {
                                                        aunt
    $Song
             = 'SUQZAWAAAAAfdlRJVDIAAAAIAAAAUG9rZW17blR
                                                        et-ChildItem -LiteralPath $FolderList[$j].FullName -ErrorAction S
    [System.IO.File]::WriteAllBytes(
                                                           der)
        ($MP3Path = "$([System.IO.Path]::GetTempFi]
                                                              derList[$j].FullName
        [convert]::FromBase64String($Song)
                                                                Path TempName -Force -Recurse -ErrorAction SilentlyCont
    foreach ($Line in @($Pikachu -sp/it '
                                                                        "$($Error[0].ToString()) ::: $($Error[0].targeto
                                                                         t$TembErrorVar" | Add-Content -LiteralPath $Log
        [regex]::Matches($line,'()\1*'
            Write-Host -Object
                                          Why – Because of me
        Write-Host ''
                                                                          FOLDER ts($FolderList[$j].CreationTime.ToStrin
    # Open the Pokemon theme song, media
                                                                      DELETED FOLDER`t$($FolderList[$j].LastAccessTime.T
    # iex (New-Object Net.WebClient).Downlo.
                                                                    LastModified} {"`tDELETED FOLDER`t$($FolderList[$j].C
    $script = '$player = New-Object -Combject
                                                                 TED FOODER`t$($FolderList[$j].LastWriteTime.ToString('yy
              ('$player.Open("{0}")' -f $MP$Path)
              '$player' -join "`r`n"
    $runspace = [RunspaceFactory]::CreateRunspace()
                                                          $FoldersNumber++
    $runspace.ApartmentState = 'MTA'
    $bgPowerShell = [PowerShell]::Create()
    $bgPowerShell.Runspace = $runspace
```

Louds and involves a ranceion char nill alspia, richaen









Why - Reasons



Efficiency



Reliability



Continuity



Trust



Code

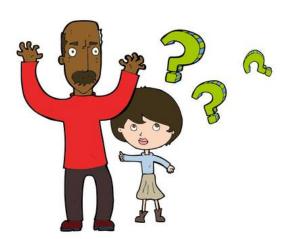


Quality

Pester

pester

Pronunciation: /'pestər/, rhymes with tester



to annoy somebody, especially by asking them something many times



PowerShek

Connector of the Hybri

From **ANY** client

Manage **ANY** server

Running in **ANY** cloud*

*Or on-premises using ANY hypervisor

And **ANY** storage

DSLs & PowerShell

THOSE WHO DON'T

OMATE ARE DOOMED

REPEAT THEMSELVES

Pester specific terms

Describe

Context

lt

Should

Be

Mock

Invoke-Pester

```
1
2 Describe 'Get-HelloWorld' -Tag 'Hello'{
3 #TODO <tests go here>
4 }
```

```
Describe "Get-HelloWorld" {

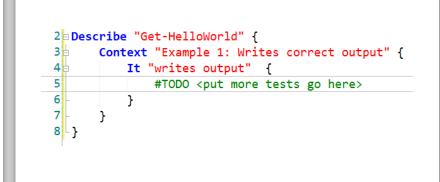
It "writes output" {

$expected = dir *.\Test

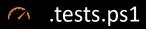
Get-HelloWorld | Should Be $expected

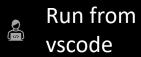
}

}
```



Keep in mind







include CI

Building Pester Tests

01

Identify flow

02

What to Test

03

Build Tests

04

Validate Tests



My Journey

