

Jaap Brasser

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Works Sr. Developer Advocate

Does Blogger, Speaker, Coder

Likes Cloud Automation & Security



Agenda

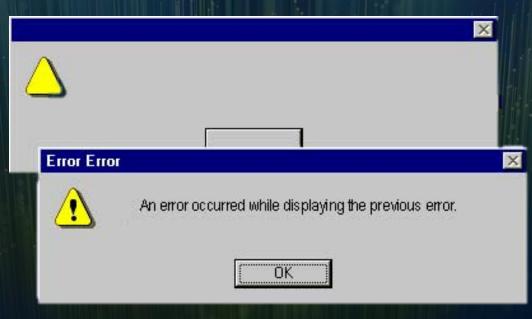
Error Handling

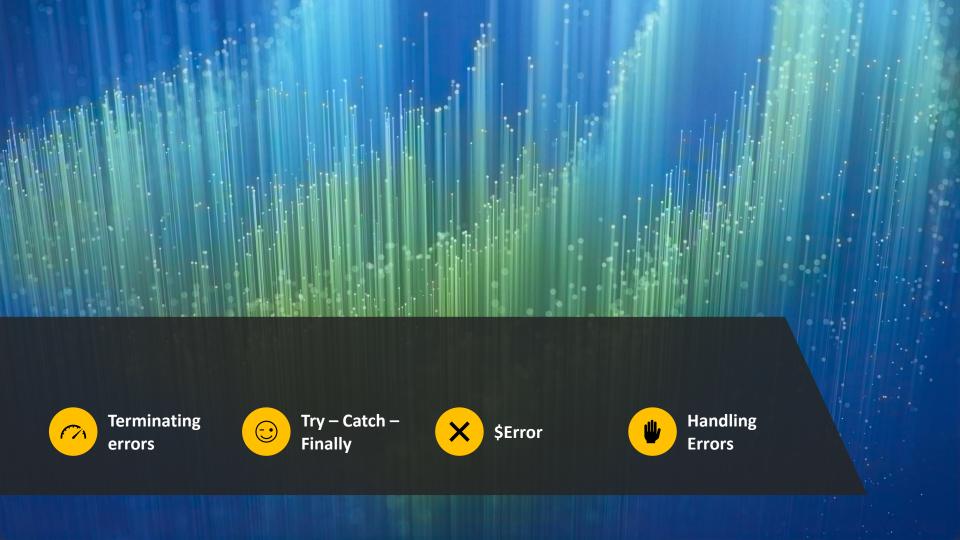
Debugging

Demo

Q&A

Error Handling





PS C:\Users\Jaap> ls variable:*preference

	Name	Value
	ConfirmPreference	High
	DebugPreference	SilentlyCont
D (ErrorActionPreference	Continue
Preferences	ProgressPreference	Continue
	VerbosePreference	SilentlyCont
	WarningPreference	Continue
	InformationPreference	SilentlyCont
	WhatIfPreference	False

Tools at our disposal



\$?



Trap {}



\$LastExitCode



-ErrorAction Stop, Break



-ErrorVariable

```
"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
```

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Debugging in PowerShell

- VS Code
- Set-PSDebug
- * Wait-Debugger
- Set-PSBreakPoint
- Attach Debugger



Debugging & PowerShell

03 02 01 **Using Variables Error Trapping** Debugging

