```
//-\__//--
\__//--
New-YouTubePortfolio [~]
-__//--\___//--
--\\_____//--\__//--
```

In this document, I will be covering the script "New-YouTubePortfolio" which can be found at this link: <a href="https://github.com/mcc85s/FightingEntropy/blob/main/Video/New-YouTubePortfolio.ps1">https://github.com/mcc85s/FightingEntropy/blob/main/Video/New-YouTubePortfolio.ps1</a>

...as well as the file that contains the individual properties and items to populate the object at this link: <a href="https://github.com/mcc85s/FightingEntropy/blob/main/Video/sdp.ps1">https://github.com/mcc85s/FightingEntropy/blob/main/Video/sdp.ps1</a>

```
\______/\_____/
Introduction /-----\
/------
```

I'm going to paste the function wrapper here, and then go over the embedded classes below.

Class [VideoItem]

\_/ Introduction

```
Enum [ChannelType] /
```

```
Class [VideoItem]
```

## Class [ChannelItem] /

Enum [ChannelType]

```
# // single individual account |
# // single individace |
# // single individual account |
# /
```

```
{
    $This.Video += $This.VideoItem($This.Total,$Date,$Length,$Hash,$Name)
    $This.Total = $This.Video.Count
    $This.Time = $This.Time + $This.Video[-1].Time
}
[String] ToString()
{
    Return $This.Id
}
```

Class [Portfolio] /----

\_/ Class [ChannelItem]

```
Class Portfolio
      [String] $Name
[String] $Company
[TimeSpan] $Time
[UInt32] $Total
      [Object]
      Portfolio([String]$Name, [String]$Company)
            $This.Name = $Name
$This.Company = $Company
$This.Clear()
      Clear()
            $This.Channel = @( )
$This.Total = 0
$This.Time = $This.Zero()
      [Object] ChannelItem([String]$Name,[String]$Email,[String]$Id)
            Return [ChannelItem]::New($Name, $Email, $Id)
      Add([String]$Name,[String]$Email,[String]$Id)
           $This.Channel += $This.ChannelItem($Name,$Email,$Id)
$This.Total = $This.Channel.Count
Write-Host "Added [+] [$Name/$Email] : $Id"
      [Object] Get([UInt32]$Index)
            If ($Index -gt $This.Total)
                  Throw "Invalid index"
            Return $This.Channel[$Index]
      AddVideo([UInt32]$Index,[String]$Date,[String]$Time,[String]$Hash,[String]$Name)
           $xChannel = $This.Get($Index)
$xChannel.Add($Date,$Time,$Hash,$Name)
$xTime = $xChannel.Video[-1].Time
$This.Time = $This.Time + $xTime
Write-Host ("Added [+] [{0}] [{1}]" -f $xTime, $Name)
```

Class [Portfolio]

```
Script + Output /----
```

Now, I'm going to cover the script that populates it with the content I have been publishing since 2017.

```
Ctrl = New-YouTubePortfolio -Name "Michael C. Cook Sr." -Company "Secure Digits Plus LLC"
      ("Secure Digits Plus LLC","securedigitsplus@gmail.com","securedigitsplusllc3084"),
("Michael C. Cook","michael.c.cook.85@gmail.com","michaelcook7389"),
("Michael Cook","mykalcook@gmail.com","mykalcook"),
("Secure Digits Plus","sdp12065@gmail.com","securedigitsplus2892") | % {
                                             $Ctrl.Add($_[0],$_[1],$_[2])
" 0 / [Secure Digits Plus LLC (securedigitspluslc3084)]
("02-07-2023", "00:17:25", "zIDnVlBsiCA", "rastructure"),
("02-08-2023", "00:15:06", "0j9F-cNed4Tg", "Golub Corp. - Empire State Plaza"),
("02-08-2023", "00:27:53", "aejB8770-AA, "Why William Moak is stupid"),
("02-08-2023", "00:3:04:48", "j58801p_E38", "Write-Element (Demonstration)"),
("02-08-2023", "01:04:48", "j58801p_E38", "Write-Element (Demonstration)"),
("01-12-2023", "01:14:43", "9v7uJHF-cGQ", "PowerShell | Virtualization Lab + FEDCPromo"),
("11-22-2022", "01:15:56", "V7WEiuNJhN0", "Search-WirelessNetwork"),
("10-12-2022", "00:15:56", "V7WEiuNJhN0", "Search-WirelessNetwork"),
("10-15-2022", "00:13:55", "87K4LZdPE-I", "[FightingEntropy()][2022.10.1]"),
("10-15-2022", "00:13:33", "-GSCIS_Ploo", "Intellectual Property Theft"),
("10-14-2022", "00:13:33", "zifVgtg68Jc", "Indicative Behaviors"),
("10-08-2022", "00:03:32", "xhMQb00DvOc", "Behavioral Analysis"),
("09-20-2022", "00:03:132", "xhMQb00DvOc", "Behavioral Analysis"),
("09-22-2022", "00:01:12", "tN880Zj_H6fw", "God Mode Cursor"),
("09-22-2022", "00:01:12", "tN880Zj_H6fw", "God Mode Cursor"),
("09-22-2022", "00:01:12", "tW880Zj_H6fw", "God Mode Cursor"),
("09-22-2022", "00:03:13", "yZ-fhSpruor, "Scribbles locking ANY word editor"),
("08-31-2022", "00:08:18", "yZ-fhSpruor, "Scribbles locking ANY word editor"),
("08-31-2022", "00:08:13", "yZ-fhSpruor, "Scribbles locking ANY word editor"),
("08-10-2022", "00:08:13", "yZ-fhSpruor, "Scribles locking ANY word editor"),
("09-15-2022", "00:08:13", "yZ-fhSpruor, "Scribles locking ANY word editor"),
("09-16-2021", "00:08:13", "yZ-fhSpruor, "Restructure CAlpha/Beta)",
("10-15-2022", "00:03:13", "yZ-fhSpruor, "Restructure CAlpha/Beta)",
("10-16-25-2021", "00:03:13", "yZ-fhSpruor, "Restructure CAlpha/Beta)",
("10-14-2011", "00:03:13", "yZ-fhSpruor, "Restructure (Alpha/Beta)"),
("10-14-2011", "00:03:23", "dAjAllZelEJ#, "REInfrastructure (Alpha/Beta)"),
("10-14-2021", "00:03:3:14", "yR-fhIGBART, "Corpor Development Wizard (featuring DVR) [WIP]"),
("09-10-2
                                             $Ctrl.AddVideo(0, $_[0], $_[1], $_[2], $_[3])
    # 1 / [Michael C. Cook (michaelcook7389)]
("06-29-2022","00:00:19","W05Z9Iby3VY","SCSO and NYSP trying to be sneaky"),
("08-30-2021","02:33:21","vg359UlVVp8","FEDeploymentShare Part 2"),
("08-11-2021","00:10:44","70NJcRFTZ08","New-FEDeploymentShare"),
("07-26-2021","00:38:48","eaAyCJ7zsZw","FEDeploymentShare (Part 1)"),
("07-26-2021","01:13:13","jmvzDV4RCQY","2021 07 26 12 24 59"),
("06-06-2021","01:17:43","9zjQqQosKPg","[FightingEntropy(π)][(2021.6.0)]@[FEModule GUI (Part 2)]"),
("06-06-2021","02:42:22","Zc8Fq4E3Nc0","[FightingEntropy(π)][(2021.6.0)]@[FEModule GUI (Part 1)]"),
("03-09-2021","00:57:16","NK4NuQrracI","A Deep Dive: Demonstration - Building XAML/WPF via PowerShel
("02-15-2021","00:53:26","45U1qFlU_74","FightingEntropy (π) Testing..."),
("12-13-2020","00:02:15","SmsqBv200B8","About 'My Briefcase' from (Windows 95/98)"),
("12-12-2020","01:05:26","51Ymdd9XqQ","PowerShell XAML/WPF Classes"),
("11-07-2020","00:11:40","RZISEUWSb9Q","FightingEntropy - New Deployment Share GUI"),
("11-05-2020","00:02:157","MRcLWQCJwt4","Drafting and Design meets Programming"),
("09-30-2020","00:15:11","b0pZIeQF5KQ","NMap Vendor List"),
("09-16-2020","00:15:34","6SubeX4gvD0","Write-Theme (Update/[FEObject])"),
("09-05-2020","01:25:34","6SubeX4gvD0","Cruise Control) 2/2"),
```

```
"Write-Theme & Show-ToastNotification (Source Code/Lesson Plan/Resume in desc.)"),

("08-09-2020","00:32:35","EQXRrPQ-iOw","PowerShell/C# Classes"),

("05-21-2020","00:29:25","hbBVNerI_Qk","Service Configuration Tool"),

("11-28-2019","00:43:48","bZuSgBK36CE","Some Powershell scripting/programming methodologies"),

("08-28-2019","01:47:16","v6RrrzR5v2E",

"Education/Exhibition of Programming/Design/Engineering with Powershell/C#/.Net"),

("05-28-2019","01:02:43","C8NYaaqJAlI",

"Hybrid | Desired State Controller | Process Exhibition (The long version)"),

("03-24-2019","00:47:24","qiZcHqkAzbs","Hybrid(Server+Client)"),

("08-19-2018","00:02:00","bPdWt7kcd3M","News 10 - Smart TV report"),

("01-16-2018","00:23:55","pi1DIQWuce8","Driving in Snow (feat. Audi A4 Quattro)") | % {
         $Ctrl.AddVideo(1, $_[0], $_[1], $_[2], $_[3])
$Ctrl.AddVideo(2, $_[0], $_[1], $_[2], $_[3])
  # 3 / [Secure Digits Plus (sdp12065)]
"3 / [SecUre Digits Plus (Sdp12005)]
("10-20-2021","00:17:10","08A2PDfQDBs","[FightingEntropy]://Domain Controller Promotion"),
("06-30-2021","00:10:09","G10EuwlNAyo","PowerShell - (Xaml/WPF GUI) Windows Image Extraction"),
("06-27-2021","00:40:28","xgffIccX1eg","PowerShell - Advanced System Administration Lab"),
("06-20-2021","00:10:03","E_uFbzS0blQ","Install-pfSense (Auto)"),
("06-06-2021","00:03:58","acYldTcKUAs","[FightingEntropy(π)][[2021.6.0)] Installation + FEModule GUI"),
("06-04-2021","00:07:05","UYnCj5Hcq6o","[FightingEntropy(π)][[2021.6.0)]"),
("03-16-2021","01:38:47","4yFKeK9CzU0","FightingEntropy (π) v2021.3.1 | New-FEDeploymentShare GUI") | % {
         $Ctrl.AddVideo(3, $_[0], $_[1], $_[2], $_[3])
 Added [+] [Secure Digits Plus LLC/securedigitsplus@gmail.com] : securedigitsplusllc3084
 Added [+] [Michael C. Cook/michael.c.cook.85@gmail.com] : michaelcook7389
 Added [+] [Michael Cook/mykalcook@gmail.com] : mykalcook
 Added [+] [Secure Digits Plus/sdp12065@gmail.com] : securedigitsplus2892
 Added [+] [00:17:25] [rastructure]
 Added [+] [01:59:05] [Golub Corp. - Empire State Plaza]
 Added [+] [00:27:53] [Why William Moak is stupid]
 Added [+] [03:04:48] [Write-Element (Demonstration)]
 Added [+] [02:01:57] [New-VmController [Flight Test v2.0] Part I]
Added [+] [01:14:43] [PowerShell | Virtualization Lab + FEDCPromo]
 Added [+] [01:15:56] [Search-WirelessNetwork]
 Added [+] [01:22:26] [[FightingEntropy()][2022.10.1]]
Added [+] [00:13:33] [Intellectual Property Theft]
 Added [+] [00:15:03] [Indicative Behaviors]
 Added [+] [00:00:20] [God Mode Cursor]
Added [+] [00:31:32] [Behavioral Analysis]
 Added [+] [00:02:15] [Write Progress Extension]
Added [+] [00:01:12] [God Mode Cursor]
 Added [+] [00:57:04] [Correlations]
 Added [+] [02:11:03] [Developing a GUI with style]
 Added [+] [00:05:18] [PowerShell Resume]
Added [+] [00:08:43] [Scribbles locking ANY word editor]
```

```
Added [+] [09:52:39] [Event Logs Utility (Work in progress)]
Added [+] [00:05:18] [Wireless Network Scanner Utility (PowerShell/Xaml)]
Added [+] [00:20:27] [A Matter of National Security]
Added [+] [01:49:57] [[FightingEntropy(π)] FEInfrastructure Preview/Demo]
Added [+] [01:56:00] [Ambitious Automation]
Added [+] [00:38:23] [DCPromo and Networking]
Added [+] [00:09:32] [FEInfrastructure (Alpha/Beta)]
Added [+] [02:43:44] [Cross Platform Development]
Added \ \ [+] \ \ [00:08:17] \ \ [[FightingEntropy(\pi)]://FEWizard \ \ PowerShell \ Deployment \ \ feat. \ DVR]
Added [+] [04:05:38] [PowerShell Deployment Wizard (featuring DVR) [WIP]]
Added [+] [00:12:25] [Resolve-LogAddressList]
Added [+] [01:35:44] [Virtual Tour]
Added [+] [00:32:39] [Computer Answers - MDT]
Added [+] [00:00:19] [SCSO and NYSP trying to be sneaky]
Added [+] [02:33:21] [FEDeploymentShare Part 2]
Added [+] [00:10:44] [New-FEDeploymentShare]
Added [+] [00:38:48] [FEDeploymentShare (Part 1)]
Added [+] [01:13:13] [2021 07 26 12 24 59]
Added [+] [01:17:43] [[FightingEntropy(π)][(2021.6.0)]@[FEModule GUI (Part 2)]]
Added [+] [02:42:22] [[FightingEntropy(π)][(2021.6.0)]@[FEModule GUI (Part 1)]]
Added [+] [00:57:16] [A Deep Dive: Demonstration - Building XAML/WPF via PowerShell]
Added [+] [00:53:26] [FightingEntropy (π) Testing...]
Added [+] [00:02:15] [About 'My Briefcase' from (Windows 95/98)]
Added [+] [01:05:26] [PowerShell XAML/WPF Classes]
Added [+] [00:11:40] [FightingEntropy - New Deployment Share GUI]
Added [+] [00:06:45] [FightingEntropy - (Windows Image Extraction)]
Added [+] [00:21:57] [Drafting and Design meets Programming]
Added [+] [00:15:11] [NMap Vendor List]
Added [+] [00:16:00] [Write-Theme (Update/[FEObject])]
Added [+] [01:25:34] [(Cruise Control) 2/2]
Added [+] [00:56:36] [(Cruise Control) 1/2]
Added [+] [00:11:05] [FightingEntropy [FEModule/FERoot]]
Added [+] [00:10:17] [Write-Theme & Show-ToastNotification (Source Code/Lesson Plan/Resume in desc.)]
Added [+] [00:32:35] [PowerShell/C# Classes]
Added [+] [00:29:25] [Service Configuration Tool]
Added [+] [00:43:48] [Some Powershell scripting/programming methodologies]
Added [+] [01:47:16] [Education/Exhibition of Programming/Design/Engineering with Powershell/C#/.Net]
Added [+] [01:02:43] [Hybrid | Desired State Controller | Process Exhibition (The long version)]
Added [+] [00:47:24] [Hybrid(Server+Client)]
Added [+] [00:02:00] [News 10 - Smart TV report]
Added [+] [00:23:55] [Driving in Snow (feat. Audi A4 Quattro)]
Added [+] [00:41:08] [2018_1220-(OPNsense Configuration)]
Added [+] [00:05:52] [cimdb2]
Added [+] [00:05:16] [[Q3A] 20KDM2 - Return to Castle: Quake (2002)]
Added [+] [00:10:33] [[Q3A] 20KDM1 - Tempered Graveyard (2001)]
Added [+] [00:16:16] [[03A] 20KCTF1 - Out Of My Head (2002)]
Added [+] [00:11:25] [[03A] 20KDM3 - Insane Products (2005)]
Added [+] [00:01:02] [2017_0831-(Threadripper Gen1)]
Added [+] [01:08:20] [CentOS 7 Setup]
Added [+] [00:56:33] [2019_1004-AsusQ504UA301(tilted)]
Added [+] [00:41:08] [Configuring pfSense/Hardened BSD]
Added [+] [00:01:38] [Network Troubleshooting]
Added [+] [00:03:34] [Spectrum Cable Modem Reset]
Added [+] [00:41:01] [Secure Digits Plus LLC @ Hybrid | Desired State Controller ( Beta Preview )]
Added [+] [01:01:30] [2019 03 01 23 35 05]
Added [+] [00:09:55] [Trickshot - Wicked]
Added [+] [00:17:10] [[FightingEntropy]://Domain Controller Promotion]
Added [+] [00:10:09] [PowerShell - (Xaml/WPF GUI) Windows Image Extraction]
Added [+] [00:40:28] [PowerShell - Advanced System Administration Lab]
Added [+] [00:10:03] [Install-pfSense (Auto)]
Added \ [+] \ [00:03:58] \ [[FightingEntropy(\pi)][(2021.6.0)] \ Installation \ + \ FEModule \ GUI]
Added [+] [00:07:05] [[FightingEntropy(π)][(2021.6.0)]]
Added [+] [01:38:47] [FightingEntropy (\pi) v2021.3.1 | New-FEDeploymentShare GUI]
PS Prompt:\> $Ctrl
         : Michael C. Cook Sr.
Name
Company : Secure Digits Plus LLC
        : 2.23:02:54
Time
Channel: {securedigitsplusllc3084, michaelcook7389, mykalcook, securedigitsplus2892}
PS Prompt:\> $Ctrl | Format-Table
```

```
Name
                     Company
                                             Time
                                                        Total Channel
Michael C. Cook Sr. Secure Digits Plus LLC 2.23:02:54
                                                            4 {securedigitsplusllc3084, michaelcook7389...}
PS Prompt:\>
PS Prompt:\> $Ctrl.Channel
Index: 0
Name : Secure Digits Plus LLC
Email : securedigitsplus@gmail.com
Id : securedigitsplusllc3084
Time : 1.16:20:59
Total: 31
Video : {rastructure, Golub Corp. - Empire State Plaza, Why William Moak is stupid, Write-Element ...}
Index : 1
Name : Michael C. Cook
Email: michael.c.cook.85@gmail.com
Id : michaelcook7389
Time : 21:19:04
Total : 28
Video : {SCSO and NYSP trying to be sneaky, FEDeploymentShare Part 2, New-FEDeploymentShare, FEDep...}
Index : 2
Name : Michael Cook
Email : mykalcook@gmail.com
Id : mykalcook
Time : 06:15:11
Total: 15
Video: {2018_1220-(OPNsense Configuration), cimdb2, [Q3A] 20KDM2 - Return to Castle: Quake (2002)...}
Index : 3
Name : Secure Digits Plus
Email: sdp12065@gmail.com
Id : securedigitsplus2892
Time : 03:07:40
Total: 7
Video : {[FightingEntropy]://Domain Controller Promotion, PowerShell - (Xaml/WPF GUI) Windows Image...}
PS Prompt:\> $Ctrl.Channel | Format-Table
Index Name
                                                           Ιd
                                                                                    Time
                                                                                                Total Video
    0 Secure Digits Plus LLC securedigitsplus@gmail.com securedigitsplusllc3084 1.16:20:59
                                                                                                   31 {rastruct...}
    1 Michael C. Cook
                              michael.c.cook.85@gmail.com michaelcook7389
                                                                                                   28 {SCSO and...}
                                                                                    21:19:04
                              mykalcook@gmail.com
    2 Michael Cook
                                                           mykalcook
                                                                                    06:15:11
                                                                                                   15 {2018_122...}
    3 Secure Digits Plus
                              sdp12065@gmail.com
                                                           securedigitsplus2892
                                                                                    03:07:40
                                                                                                    7 {[Fightin...}
PS Prompt:\> $Ctrl.Channel[0].Video | Format-Table
Index Date
                 Time
                           Url
                                                         Name
    0 02-07-2023 00:17:25 https://youtu.be/zIDnV1BsiCA rastructure
    1 02-07-2023 01:59:05 https://youtu.be/Dj9E-eNe4Tg Golub Corp. - Empire State Plaza
    2 02-04-2023 00:27:53 https://youtu.be/aejBB77d_oA Why William Moak is stupid
    3 02-04-2023 03:04:48 https://youtu.be/j58B01p_EJ8 Write-Element (Demonstration)
    4 02-01-2023 02:01:57 https://youtu.be/nqTOmNIilxw New-VmController [Flight Test v2.0] Part I
    5 01-12-2023 01:14:43 https://youtu.be/9v7uJHF-cGQ PowerShell | Virtualization Lab + FEDCPromo 6 11-22-2022 01:15:56 https://youtu.be/Y7wEiuNJhNO Search-WirelessNetwork
    7 10-28-2022 01:22:26 https://youtu.be/S7k4lZdPE-I [FightingEntropy()][2022.10.1]
    8 10-15-2022 00:13:33 https://youtu.be/-GScIS_Pl0o Intellectual Property Theft
    9 10-14-2022 00:15:03 https://youtu.be/ZiTVgtg68Jc Indicative Behaviors
   10 10-04-2022 00:00:20 https://youtu.be/dU_5rdVkCD8 God Mode Cursor
   11 10-03-2022 00:31:32 https://youtu.be/xhMQbOoDvOc Behavioral Analysis
   12 09-29-2022 00:02:15 https://youtu.be/K738wZSKcjo Write Progress Extension
   13 09-26-2022 00:01:12 https://youtu.be/tW80Zj_H6Fw God Mode Cursor 14 09-27-2022 00:57:04 https://youtu.be/1ABQ6rfRg8Y Correlations
   15 09-08-2022 02:11:03 https://youtu.be/z6_GeVYbcC4 Developing a GUI with style
   16 08-11-2022 00:05:18 https://youtu.be/QSuge7p5_I8 PowerShell Resume
   17 08-03-2022 00:08:43 https://youtu.be/vY2fIhS9ruo Scribbles locking ANY word editor
   18 04-15-2022 09:52:39 https://youtu.be/CCOTI6_Veoo Event Logs Utility (Work in progress)
```

```
19 04-05-2022 00:05:18 https://youtu.be/35EabWfh8dQ Wireless Network Scanner Utility (PowerShell/Xaml)
     20 02-15-2022 00:20:27 https://youtu.be/e4VnZObiez8 A Matter of National Security
    21 12-05-2021 01:49:57 https://youtu.be/6yQr06_rA4I [FightingEntropy(π)] FEInfrastructure Preview/Demo
    22 10-25-2021 01:56:00 https://youtu.be/1E-3P0I29Jo Ambitious Automation
    23 10-14-2021 00:38:23 https://youtu.be/4q3fWhTOuFk DCPromo and Networking
    24 10-14-2021 00:09:32 https://youtu.be/AdAilZe1EJ4 FEInfrastructure (Alpha/Beta)
    25 10-02-2021 02:43:44 https://youtu.be/vbAH4l6Bm7A Cross Platform Development
    26 09-23-2021 00:08:17 https://youtu.be/lZX5fAgczz0 [FightingEntropy(π)]://FEWizard PowerShell Deployme...
    27 09-16-2021 04:05:38 https://youtu.be/m84TElKgAFg PowerShell Deployment Wizard (featuring DVR) [WIP]
    28 09-10-2021 00:12:25 https://youtu.be/_i2bPQT1ZtU Resolve-LogAddressList 29 05-23-2020 01:35:44 https://youtu.be/HT4p28bRhqc Virtual Tour
    30 01-25-2019 00:32:39 https://youtu.be/5Cyp3pqIMRs Computer Answers - MDT
 PS Prompt:\>
Conclusion /
                                                                                               _/ Script + Output
 Here's the video that covers all of this.
 https://youtu.be/sqSMw4JzQoM
 Normally, I would have added quite a lot more commentary and even thrown in some story elements, however...
  ...sorta exhausted at this point, and I think the video explains things in greater detail anyway.
                                                                              _____/ Conclusion
------
                                Michael C. Cook Sr. |
                                  Security Engineer |
                             Secure Digits Plus LLC |
```