

# PowerShell Techniques and Performance Tweaks

## The Full Show

Christian Ritter



blackboxcoder



HCRitter



linktr.ee/hcritter

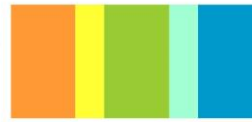


PURESTORAGE®



ScriptRunner®

The #1 for PowerShell Management



PDQ DataOn®



PATCH  
MY PC



MANNING



SNIA®



## >\_ (GET-SPEAKER).FULLEDTAILS

```
[PSCustomObject]@{  
    Name      = 'Christian Ritter'  
    Work      = 'System Engineer @ CANCOM GmbH, Germany'  
    Private   = @('Husband', 'Father of ♥♥', 'Billiard-fan',  
                  'Hobby-Chef', 'jr. BoardGame Geek')  
    Coding    = [ordered]@{  
        1 = 'make mistakes'  
        2 = 'make code go Brr'  
        3 = 'make it stable'  
        4 = 'blog about it'  
    }  
}
```

>\_ | ADD-MEMBER -TYPE NOTEPROPERTY  
-NAME 'BELIEVES IN' -VALUE 'DEMO GODS'

```
[PSCustomObject]@{  
    Name      = 'Christian Ritter'  
    Work      = 'System Engineer @ CANCOM GmbH, Germany'  
    Private   = @('Husband', 'Father of ♥♥', 'Billiard-fan',  
                  'Hobby-Chef', 'jr. BoardGame Geek')  
    Coding    = [ordered]@{  
        1 = 'make mistakes'  
        2 = 'make code go Brr'  
        3 = 'make it stable'  
        4 = 'blog about it'  
    }  
    'Believes In' = 'Demo Gods'  
}
```

# Disclaimer

If I am the smartest person in this room,  
I am in the wrong room

# Structure of the code

The good, the bad, and the ugly



TryCatch Is Null  
PSDefaultParameter  
Where ExtentTypeData  
Splatting Alias Smart  
ValidateSet  
FileReading  
GetMaxValue

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# Technique Tweaks

How to make things easier, better, and  
more beautiful



# Performance Tweaks

*#region Simple demo example*

```
$PSDefaultParameterValues = @{
```

```
    "Install-Module:Scope" =
```

```
    "CurrentUser"
```

```
        "Install-Module:AllowClobber" = $true
```

```
}
```

```
$PSDefaultParameterValues.Add("Export-  
Csv:NoTypeInfoInformation", $true)
```

*#endregion*

## How to make things go Brrr..

# Let`s stay connected



[linktr.ee/hcriter](https://linktr.ee/hcriter)

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# THANK YOU

Please review this session



Session Review

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