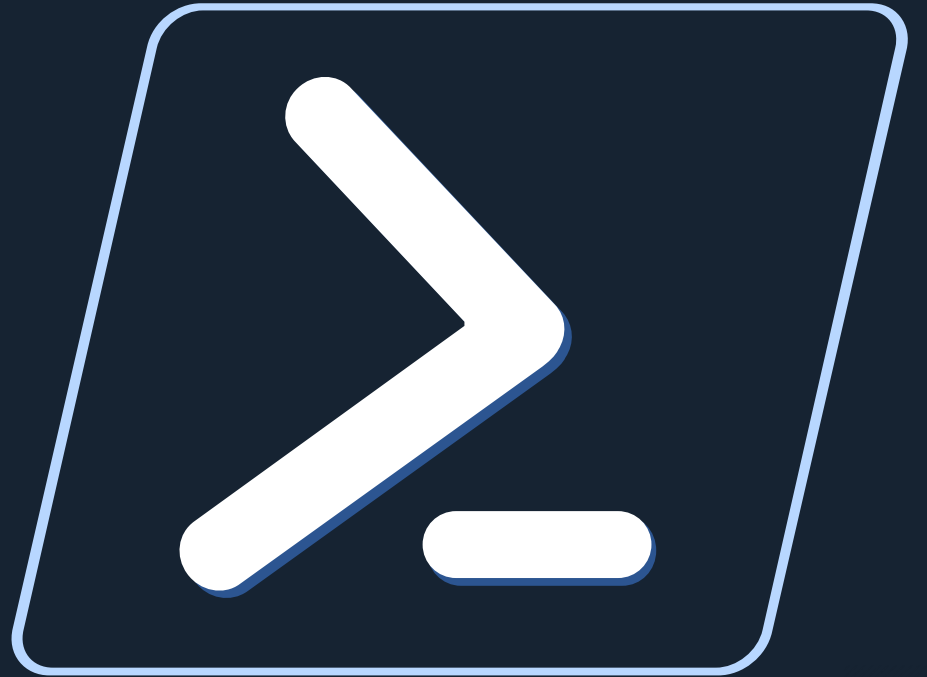


# My PowerShell aids

Stijn Callebaut





*A **lightning talk** is a very short presentation lasting only a few minutes, given at a conference or similar forum. Several lightning talks will usually be delivered by different speakers in a single session, sometimes called a data blitz.*

*Lightning talks are often referred to as ignite talks.*

[https://en.wikipedia.org/wiki/Lightning\\_talk](https://en.wikipedia.org/wiki/Lightning_talk)





# Awesome cloudShell





# Azure CloudShell

A shell to manage your azure resources

Browser based (running in a container)

2 flavors

- Bash

- PowerShell

Multiple access points

Azure file storage needed





## Welcome to Azure Cloud Shell

Select Bash or PowerShell. You can change shells any time via the environment selector in the Cloud Shell toolbar. The most recently used environment will be the default for your next session.

Bash (Linux)

PowerShell (Windows)



PowerShell PREVIEW has been created in:

Subscription Id: 5fbcd724-a273-454c-bc0b-e2d28bc88c12

Resource group: cloud-shell-storage-westeuropa

Storage account: csb5fbcd724a273x454cxbc0

File share: cs-stijn-callebaut-itnetx-be-1003bffd7dc540f

Initializing your account for Cloud Shell...\


Requesting a Cloud Shell.**Succeeded.**

Connecting terminal...

Welcome to Azure Cloud Shell

Type "az" to use Azure CLI 2.0

Type "help" to learn about Cloud Shell

**stijn\_callebaut@Azure:~\$** 

Connecting terminal...

Welcome to Azure Cloud Shell (Preview)

Type "dir" to see your Azure resources  
Type "help" to learn about Cloud Shell

Changes coming to PowerShell: <https://azure.microsoft.com/en-us/blog/pscloudshellrefresh/>

VERBOSE: Authenticating to Azure ...

VERBOSE: Building your Azure drive ...

Azure:\

PS Azure:\> dir

Directory: Azure:

Mode	SubscriptionName	SubscriptionId	TenantId	State
----	-----	-----	-----	-----
+	Visual Studio Enterprise - MPN (itnetX Demo)	5fbcd724-a273-454c-bc0b-e2d28bc88c12	02141137-0e6d-463b-a9e0-ee919da1075c	Enabled

Azure:\

PS Azure:\> cd '..\Visual Studio Enterprise - MPN (itnetX Demo)\'

Azure:\Visual Studio Enterprise - MPN (itnetX Demo)

PS Azure:\> ls

Directory: Azure:\Visual Studio Enterprise - MPN (itnetX Demo)

Mode	Name
----	----
+	AllResources
+	ResourceGroups
+	StorageAccounts
+	VirtualMachines
+	WebApps



## You have no storage mounted



Azure Cloud Shell requires an Azure file share to persist files. [Learn more](#)

This will create a new storage account for you and this will incur a small monthly cost. [View pricing](#)

\* Subscription

Visual Studio Enterprise – MPN (itnetX-D)

[Show advanced settings](#)

Create storage

Close







# Windows PowerShell Compatibility Pack





- This module provides PowerShell Core 6 compatibility with existing Windows PowerShell scripts and modules by:
- Enable adding the Windows PowerShell PSModulePath
- Enable using implicit remoting to utilize Windows PowerShell cmdlets from PowerShell Core 6 for modules that are not compatible directly



- <> Code
- ! Issues 4
- 🔗 Pull requests 1
- 📁 Projects 0
- 📖 Wiki
- 📊 Insights

Module to add additional .Net classes and PowerShell Modules to PSCore6

📌 41 commits

🌿 1 branch

📦 0 releases

👥 4 contributors

Branch: master ▾

New pull request

Create new file

Upload files

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👤 SteveL-MSFT Merge pull request #22 from markekraus/RemoveDotnetPrereq ... Latest commit 270e84a 16 hours ago

📁 Tests	Remove WCP and Make Core Only	7 days ago
📁 WinCompatibilityPack	Add Module Rename Hack (#19)	5 days ago
📁 docs/Module	Update Module Page	16 days ago
📄 .gitattributes	Enable module to work on Windows PowerShell 5.1	19 days ago
📄 .gitignore	Integrate PSWindowsCompat	20 days ago
📄 Build.ps1	Remove Dotnet CLI Pre-req	a day ago
📄 LICENSE.txt	address Mark's feedback	17 days ago
📄 README.md	Remove WCP and Make Core Only	7 days ago

📖 README.md

Windows PowerShell Compatibility Pack



**Steve Lee**

@Steve\_MSFT

Following



If you saw the demo of rModule by [@BrucePayette](#) at [#PSConfEU](#), we should have WinCompatibilityPack module published to PSGallery early next week so you can play with it yourself and give feedback at [github.com/powershell/win](https://github.com/powershell/win) .... Thanks to [@markekraus](#) as maintainer and contributor!



**PowerShell/WindowsPowerShellCompatibilityPack**

WindowsPowerShellCompatibilityPack - Module to add additional .Net classes and PowerShell Modules to PS Core6

[github.com](https://github.com)



# Visual Studio Code live share





# Visual Studio Live Share

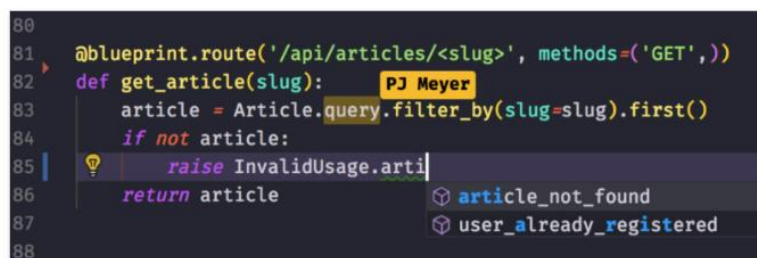
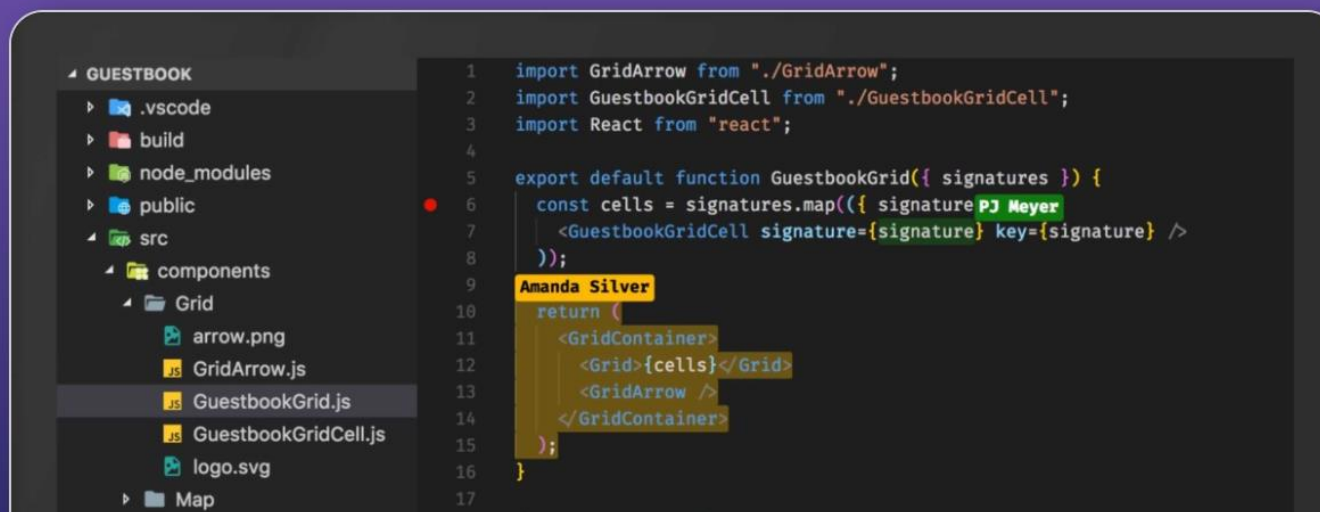
Real-time collaborative development

Download the extension for:

Visual Studio 2017 >

Visual Studio Code >

Watch video >



## No-hassle sharing for any language, any app

It doesn't matter what type of app you're building, what language you're programming in, or what OS you're on: when you need to collaborate, Live Share will instantly share your project with a teammate. Edit and debug together in real time without teammates needing to









# Ooh my plaster



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Plaster is a template-based file and project generator written in PowerShell.

[212 commits](#)[9 branches](#)[0 releases](#)[20 contributors](#)[MIT](#)

Branch: master

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Latest commit 0515a13 3 days ago

<a href="#">.vscode</a>	Update tasks.json for pwsh and 64-bit vscode (#297)	5 months ago
<a href="#">docs</a>	Added name paramter to Get-PlasterTemplate to filter the results (#323)	24 days ago
<a href="#">examples</a>	Set the executable name to pwsh (#320)	a month ago
<a href="#">snippets</a>	Add a manifest snippets file. (#212)	2 years ago
<a href="#">src</a>	Use Write-Host to write dest dir (#331)	3 days ago
<a href="#">test</a>	Use Write-Host to write dest dir (#331)	3 days ago
<a href="#">.gitignore</a>	Initial take on official new module template. (#139)	2 years ago
<a href="#">CHANGELOG.md</a>	Use Write-Host to write dest dir (#331)	3 days ago
<a href="#">LICENSE</a>	Initial commit	2 years ago
<a href="#">README.md</a>	Update README.md	a year ago
<a href="#">ReleaseNotes.md</a>	Bump version to 1.0.0 and update release notes	2 years ago



# Document all the things!





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Issues 55

Pull requests 0

Projects 0

Insights

Write PowerShell External Help in Markdown

powershell

718 commits

2 branches

21 releases

26 contributors

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**vorsk** Get the synopsis more correctly from the help object. Fix #328

Latest commit 8499a2e 15 hours ago

.github	Create ISSUE_TEMPLATE.md	2 years ago
.vscode	Add VSCode settings file	2 years ago
docs	Support for working with remote modules (#361)	3 days ago
presentation	Add presentation	3 years ago
src	Get the synopsis more correctly from the help object. Fix #328	14 hours ago
templates	Help cleanup of trailing spaces and line breaks (#324)	6 months ago
test	Remove trailing spaces (#353)	4 days ago
.gitignore	Make it core-clr compatible and unix-friendly (#329)	6 months ago
.travis.yml	Fix ci (#358)	4 days ago
CHANGELOG.md	Update CHANGELOG.md	3 days ago

