

The image features a blue background with a stylized circuit board pattern. A central black box with rounded corners contains the text "THE SECRETS TO USING VISUAL STUDIO CODE FOR POWERSHELL" in white, uppercase, sans-serif font. The text is centered within the box and is the primary focus of the image.

THE SECRETS TO USING VISUAL STUDIO CODE FOR POWERSHELL



WHO AM I?

- Chris Hildebrandt
- vExpert 10x
 - vExpertPro
- Cisco Champion 9x
- EUC guy most days automation guy on the other days.

YOUNGTECH

QUIZ TIME!



WHAT VERSION OF POWERSHELL ARE YOU RUNNING?

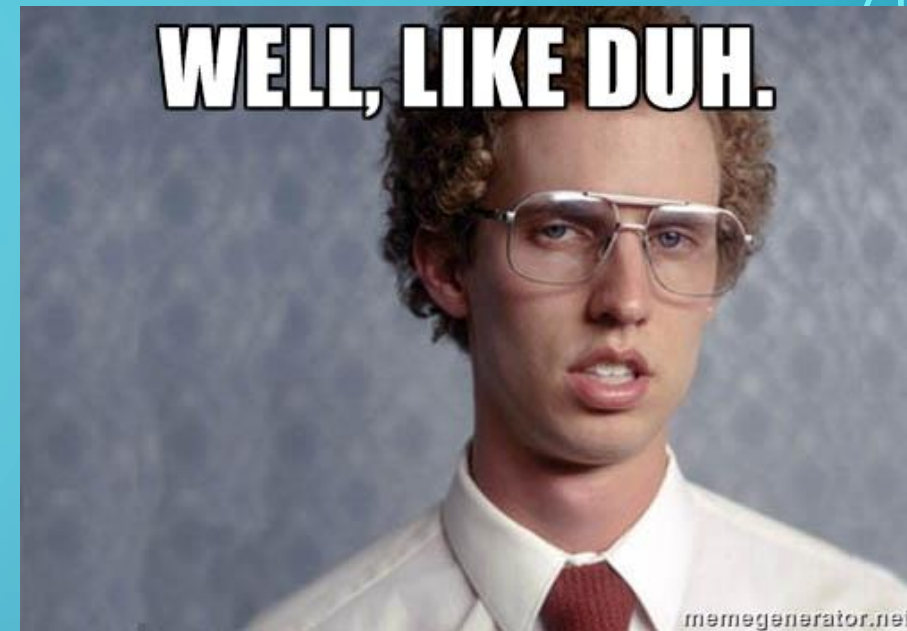
```
PS C:\Users\Chris> $PSVersionTable
```

Name	Value
PSVersion	5.1.22621.963
PSEdition	Desktop
PSCompatibleVersions	{1.0, 2.0, 3.0, 4.0...}
BuildVersion	10.0.22621.963
CLRVersion	4.0.30319.42000
WSManStackVersion	3.0
PSRemotingProtocolVersion	2.3
SerializationVersion	1.1.0.1

```
PS C:\Users\Chris> |
```

SHOULD I UPDATE POWERSHELL?

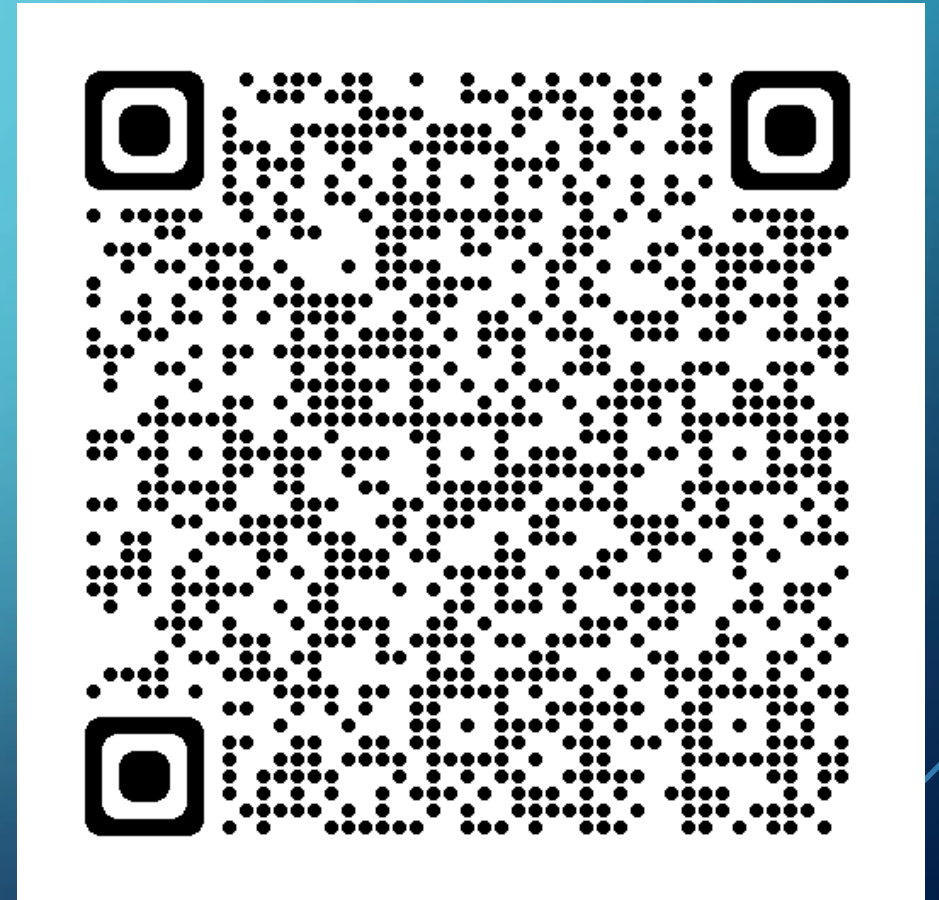
- PS7 is more efficient in running code
- Its Open Source!
- Well its 2 numbers bigger Duh!
- Its been updated and written in .Net Core Framework
- Pipeline Parallelization With ForEach-Object
- Ternary Operators (Shortcut Commands)
- Many others!



HOW DO YOU UPDATE POWERSHELL?

- Download PowerShell 7 from MS
- You can go to GITHUB repo and pull direct.
- Run PowerShell to install it for you!
 - Open PowerShell as Administrator
 - Type following Command:

```
winget search Microsoft.PowerShell
```



WHAT IS VISUAL STUDIO CODE?

- Microsoft Source Code Editor
- Lightweight and Fast to Launch
- Customizable
- Supports almost any language
- Free



Administrator: Windows PowerShell

Windows PowerShell

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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

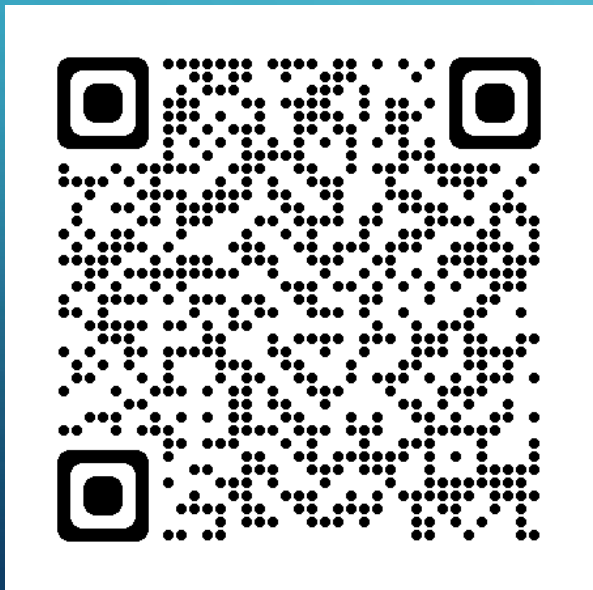
PS C:\Windows\system32> █

MAGIC

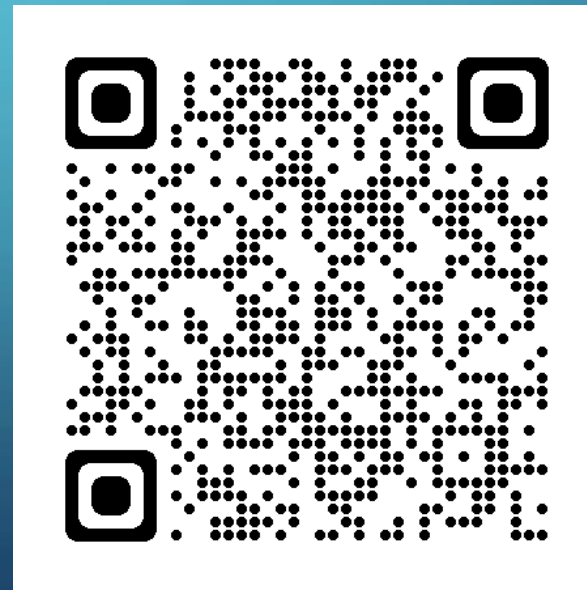
H
HISTORY.COM

GITHUB ACCESS TOOL

- Option 1 (GitHub Desktop)
 - Graphical Interface
 - Simpler to Use and Quicker adapting

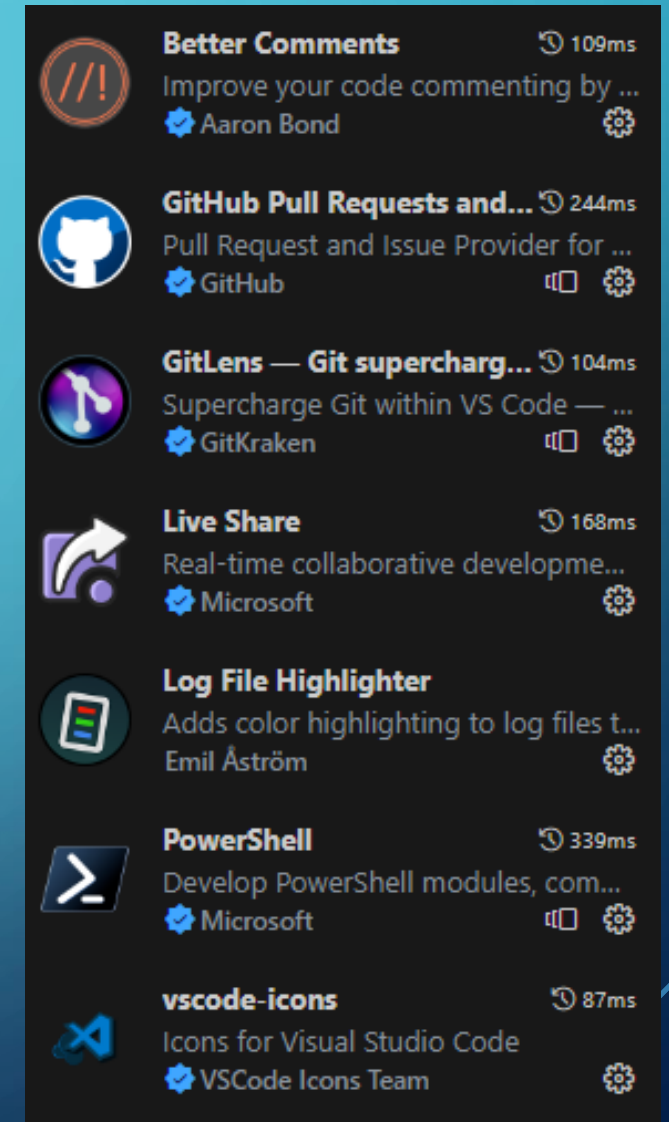


- Option 2 (GIT-SCM)
 - Bash Interface (Command Line)
 - Have to remember commands



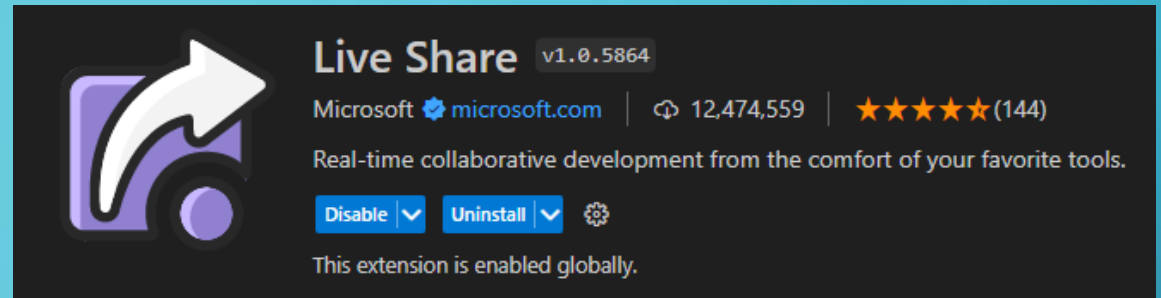
VISUAL STUDIO CODE EXTENSIONS




- PowerShell
- Live Share
- Log File Highlighter
- Better Comments
- GitLens
- Github Pull Requests and Issues
- VSCode-Icons

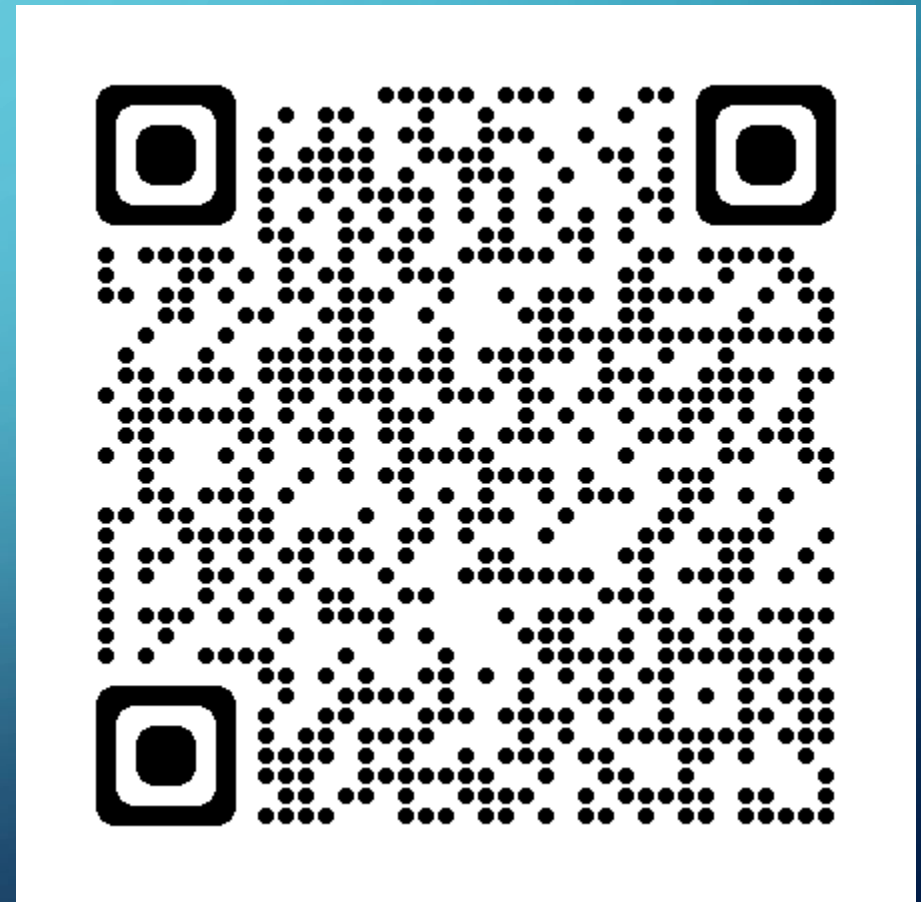


LIVE SHARE

- Share your Code
- Built in Chat function
- Collaborate
 - Allows for Co-Editing and Debugging

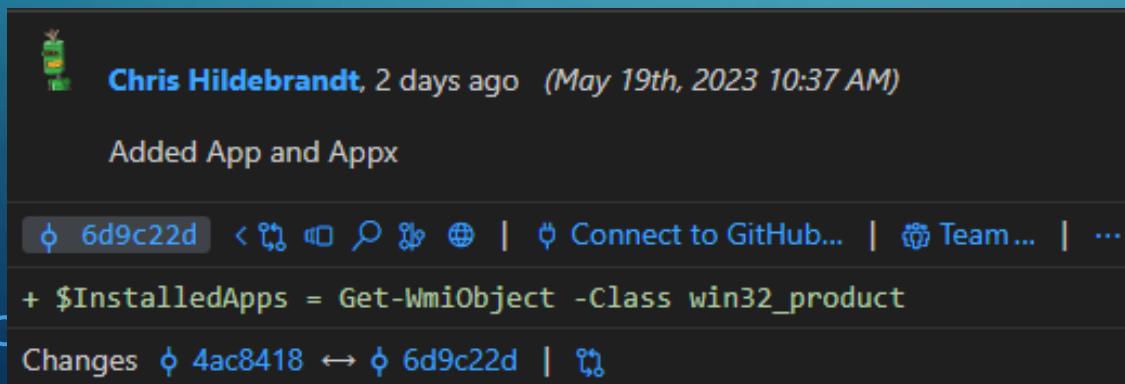


Live Share v1.0.5864
Microsoft  microsoft.com |  12,474,559 | ★★★★★ (144)
Real-time collaborative development from the comfort of your favorite tools.
Disable | Uninstall | 
This extension is enabled globally.

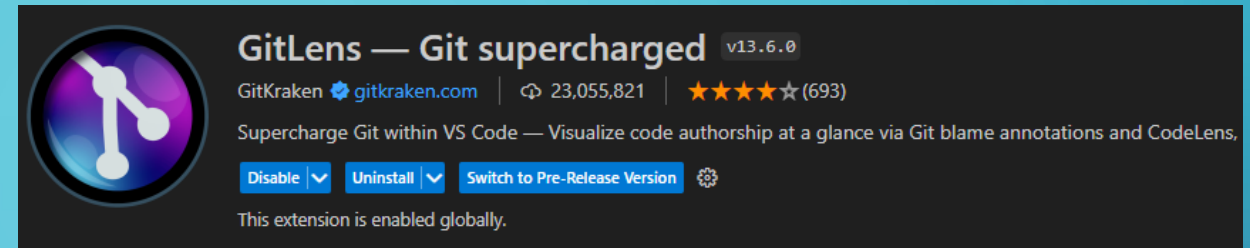


GITLENS

- Takes Git to new level
- Shows detailed on who changed what line at what time, and with what commit.
- Allows you to know who broke it! Blame someone else!



A screenshot of a terminal window showing a Git commit. The commit is by Chris Hildebrandt, made 2 days ago (May 19th, 2023 10:37 AM). The commit message is "Added App and Appx". The terminal shows the commit hash 6d9c22d and the command used to install the application: `+ $InstalledApps = Get-WmiObject -Class win32_product`. The terminal also shows the previous commit hash 4ac8418 and the current commit hash 6d9c22d.

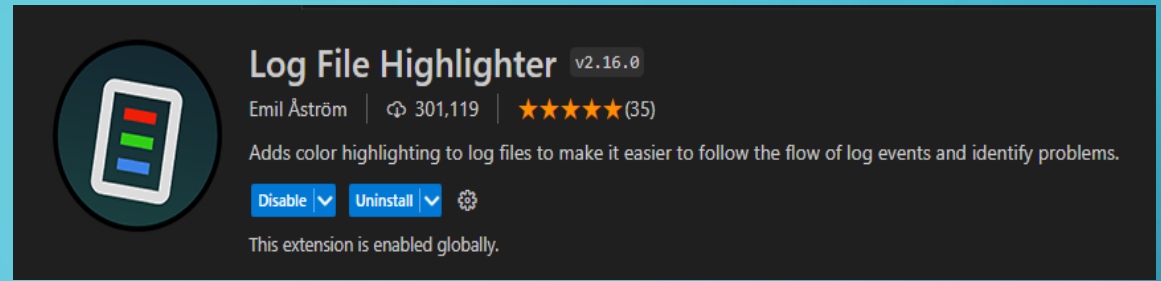


A screenshot of the GitLens extension page in the Visual Studio Code marketplace. The extension is titled "GitLens — Git supercharged" and is version 13.6.0. It is developed by GitKraken (gitkraken.com) and has 23,055,821 downloads and 693 star ratings. The description states: "Supercharge Git within VS Code — Visualize code authorship at a glance via Git blame annotations and CodeLens." The page includes buttons for "Disable", "Uninstall", and "Switch to Pre-Release Version". A note at the bottom indicates "This extension is enabled globally."

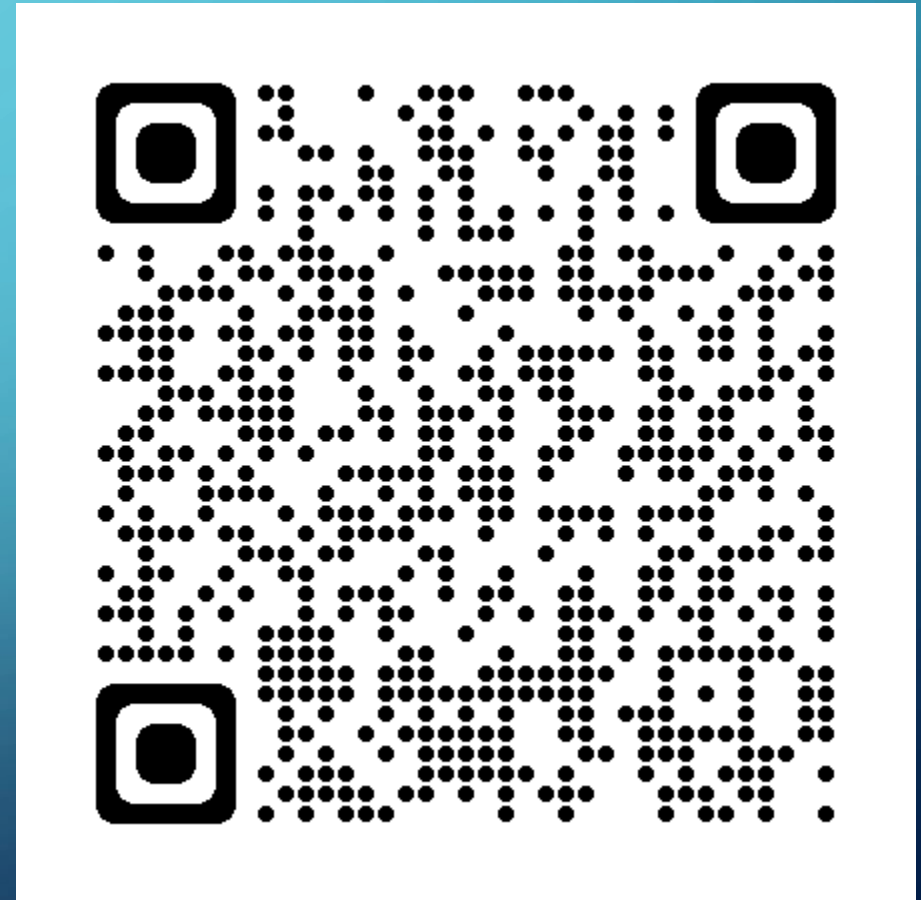


LOG FILE HIGHLIGHTER

- Takes your Log Files to the next level.
- Visual separation of event types in color formats
- Speeding up Log investigations



The screenshot shows the Chrome Web Store page for the 'Log File Highlighter' extension. The extension icon is a smartphone with three colored bars (red, green, blue) on the screen. The title is 'Log File Highlighter' with version 'v2.16.0'. The developer is 'Emil Åström', with 301,119 users and a 5-star rating from 35 reviews. The description states: 'Adds color highlighting to log files to make it easier to follow the flow of log events and identify problems.' Below the description are buttons for 'Disable', 'Uninstall', and a settings gear icon. At the bottom, it says 'This extension is enabled globally.'



BETTER COMMENTS

Better Comments v3.0.2
Aaron Bond aaronbond.co.uk | 4,852,129 | ★★★★★ (172) | Sponsor
Improve your code commenting by annotating with alert, informational, TODOs, and more!
Disable Uninstall ⚙️
This extension is enabled globally.

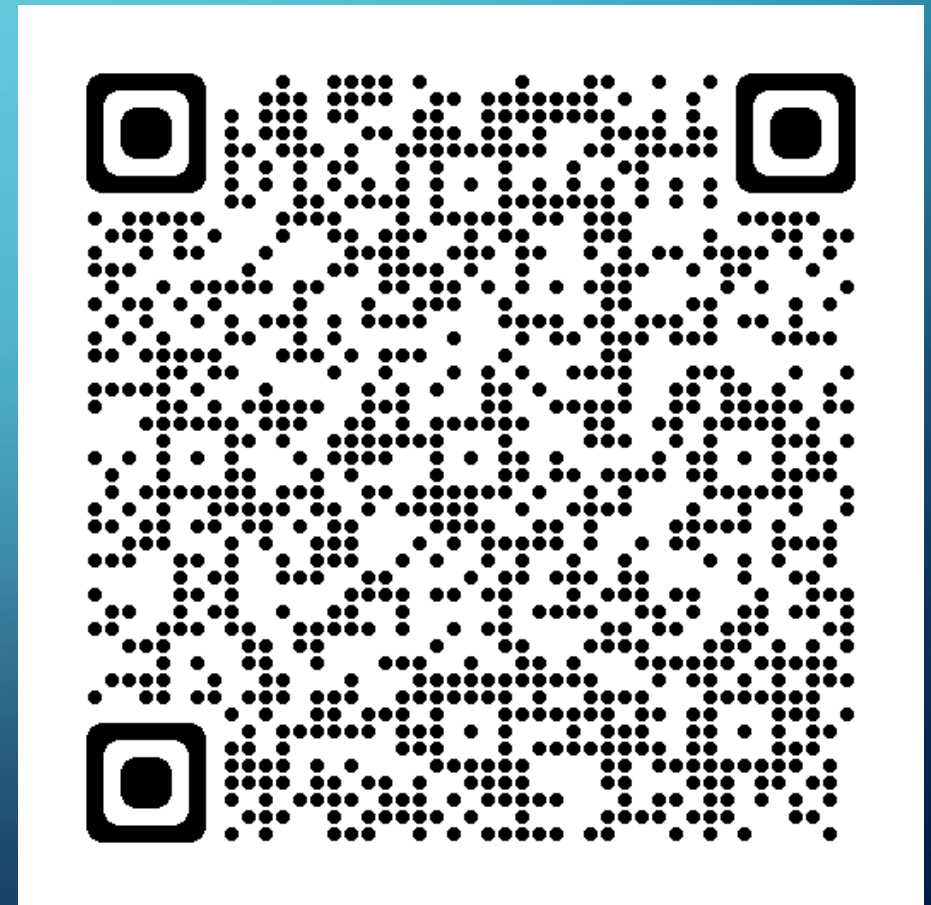
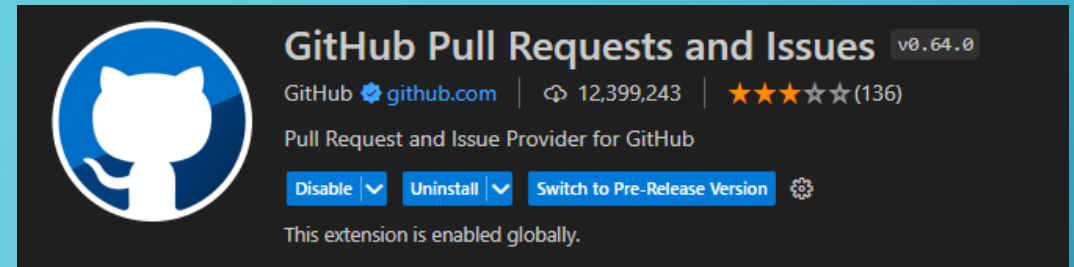
- Making your Comments look good since 2017
- Color coded Comments for easy identification.

```
* Important information is highlighted  
! Deprecated method, do not use  
? Should this method be exposed in the public API?  
TODO: refactor this method so that it conforms to the API  
@param myParam The parameter for this method
```



GITHUB PULL REQUESTS AND ISSUES

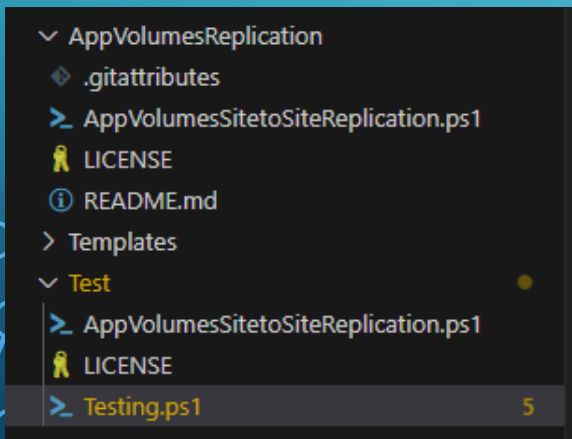
- Allows for Browsing of Pull Requests from Within VS code
- Allowing for viewing of issues and GitHub details directly from within VS Code.



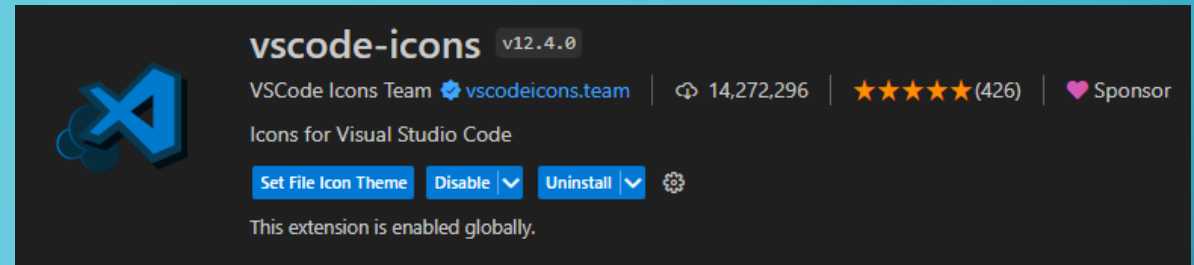
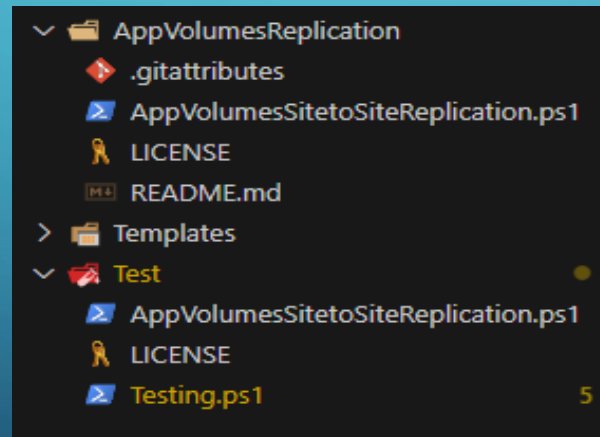
VSCODE-ICONS

- Just makes things pretty.

Before:



After:



The screenshot shows the 'vscode-icons' extension page in the Visual Studio Code marketplace. The extension is by the 'VSCode Icons Team' (vscodeicons.team) and has 14,272,296 installations and a 4.5-star rating (426 reviews). It is a sponsored extension. The current version is v12.4.0. The page includes buttons for 'Set File Icon Theme', 'Disable', and 'Uninstall'. A note at the bottom states 'This extension is enabled globally.'



YOU KNOW WHAT



TIME IT IS!



DEMO TIME

This space
intentionally
left blank.

QUESTIONS?





WHO AM I?

- Chris Hildebrandt
- vExpert 10x
 - vExpertPro
- Cisco Champion 9x
- EUC guy most days automation guy on the other days.

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