

# Stucco: Start to Publish

Creating an open  
source module in  
minutes!

# Follow Along or Jump Ahead

You can see the slides: [Slides](#)  
Or look at the full thing: [Doc](#)

# Quick Intro

- Gilbert Sanchez
- Señor Systems Engineer at Meta
- Writing PowerShell for the last 10ish years

# Agenda

1. Install Modules
2. Setup Our Github Repo
3. Create Our Module
4. Commit
5. Publish

# Pre-Prerequisites

If you want to follow along on your computer here's what you should get ready.

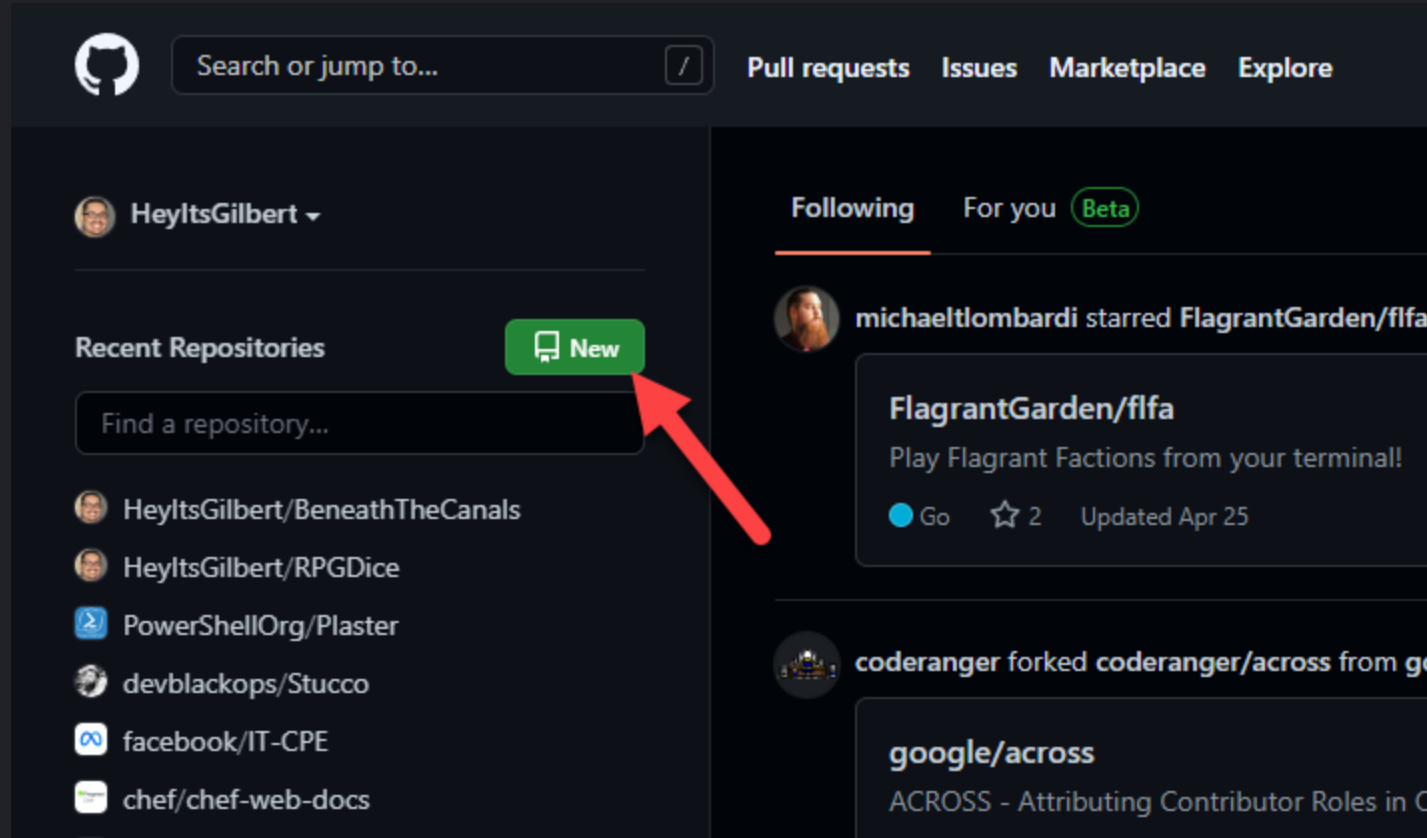
- Github account
- Git installed
- VS Code (Recommended)

# Install Stucco!

A good starting point.

```
Install-Module Stucco
```

# Configure Your Github Repository



# Create Repo & Check it Out

1. Pick a name, description, etc.
2. Create Repository
3. Check it out!



# Create Your Module

New-StuccoModule

Follow the prompts

# Let's Examine

- Repo Layout
- Requirements.ps1
- psakeFile.ps1
- Build.ps1

# Build

```
.\build.ps1 -Task Test
```

## Or in VS Code

*Terminal -> Run Task -> **Test***

# Commit your code!

```
git add .  
git commit -m "Initial commit!"  
git push
```

# Get Ready for PSGallery

1. Login to [PSGallery](#)
2. Create API keys
3. Copy

# Put Your API Key into Github

1. Go to your new repo
2. Settings
3. Secrets -> Actions
4. "PS\_GALLERY\_KEY" and paste

# Time to Publish

At this point your code should be ready to publish.

- `Publish.yaml`
- `Mkdocs.yaml`

# Bonus: Test Results on PR's

1. `$PSBPreference.Test.OutputFormat = 'JUnitXml'`
2. Upload your unit tests via `upload-artifact`
3. Use `EnricoMi/publish-unit-test-result-action@v1`

See [CI.yaml](#)



# Thank you!

Cover Photo by [Avel Chuklanov](#) on [Unsplash](#)