

Build Beautiful Documentation

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Thank You!



PURESTORAGE[®]



ScriptRunner[®]

The #1 for PowerShell Management



PDQ DataOn[®]



**PATCH
MY PC**



MANNING



SNIA[®]



whoami

- Joshua J Hendricks (@joshooaj)
- Principal Engineer at Milestone Systems
- Roots in software vendor tech support
- Evolved into a developer to make the job easier
- Not affiliated with the companies behind any of the technology in this workshop



PSAppDeployToolkit



```
Code Blame
1 # Project Information
2 site_name: PSAppDeployToolkit
3 site_description: PowerShell App Deployment Toolkit
4 site_author: PSAppDeployToolkit Team
5 site_url: https://psappdeploytoolkit.com
6
7 # Repository
8 repo_name: PSAppDeployToolkit
9 repo_url: https://github.com/PSAppDeployToolkit/PSAppDeployToolkit
10 edit_url: ''
11
12 # Copyright
13 copyright: 'PowerShell App Deployment Toolkit Team Copyright &copy; 2018'
14
15 plugins: []
16
17 # Configuration
18 theme:
19   name: null
20   custom_dir: material
21
22 # Don't include MkDocs' JavaScript
23 include_search_page: false
24 search_index_only: true
25
26 # Default values, taken from mkdocs_theme.yml
27 language: en
28 feature:
29   tabs: false
30 palette:
31   primary: Blue
32   accent: Blue
33 font:
34   text: 'Roboto'
35   code: 'Roboto Mono'
36 favicon: 'img/favicon.ico'
37 logo: 'img/logo.svg'
38
39 # Customization
```

[Features](#) [Documentation](#) [Reference](#) [News](#) ctrl K  

Enterprise App Deployment, Simplified.

PSAppDeployToolkit is a versatile solution that streamlines and standardizes the process of software deployment, making it easier than ever to manage your IT environment. It has a comprehensive set of features, such as dynamic logging, user interaction capabilities, and customizable functionality.



PSAppDeployToolkit
Powered by **PATCH MY PC**



Standardize and enhance every software deployment

PSAppDeployToolkit allows you to encapsulate a typical Windows Installer MSI or Setup executable to provide it with enhanced capabilities.

- ✓ Validate prerequisites such as dependencies on minimum software versions
- ✓ Capture any important settings that may be required for an upgrade or installation



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PSHTML

Stephanevg / PSHTML

<> Code Issues 32 Pull requests 1 Actions Projects 4

Files master PSHTML / mkdocs.yml

Stephanevg Update mkdocs.yml 6 years ago

6 lines (6 loc) · 119 Bytes

Code Blame Raw

```
1 site_name: PSHTML
2 theme:
3   name: readthedocs
4   highlightjs: true
5   hljs_languages:
6     - powershell
```

PSHTML

Search docs

Welcome to the PSHTML documentation page

Welcome to the PSHTML documentation page

What is PSHTML

Prerequisites

Installation

Getting started

Example

Change Log

HowToUsePSHTML

Assets

Assets

Charts

Charts.Bar

Charts.Doughnut

Charts.Line

Charts.Pie

Charts.PolarArea

Charts.Radar

Charts

charts.horizontalBar

Colors

Colors

Includes

Next »

Docs » Welcome to the PSHTML documentation page

Welcome to the PSHTML documentation page

What is PSHTML

PSHTML is a cross platform powershell module that allows to renders HTML using powershell syntax. It is currently supported on Windows and Linux.

Prerequisites

In order to work, the following prerequisites need to be met:

- Up until PSHTML version 0.6.1 -> Powershell v3
- From PSHTML version 0.7.0 and above -> PowerShell version 5.1 or higher.

Installation

In order to install, use the following methodology

Internet access is possible

```
#(Assuming Access to internet is possible)
Install-Module PSHTML
```


Internet access is not possible

- Download the sources from the release page [here](#)
- Unzip the sources to a temporary location. (Example: `$Home/Temp/PSHTMLSources/`)
- Copy the `$Home/Temp/PSHTMLSources/PSHTML/` files to a repository of your PSModulePath (See below)
- To find an acceptable path for the module, run `$env:PSModulePath -split ";"`. Choose simply one from the list.

v:latest

PowerVCF


```
Code Blame Raw [Icons]
1 # Project Information
2 site_name: PowerVCF
3 site_description: PowerShell Module for VMware Cloud Foundation
4 site_url: https://vmware.github.io/powershell-module-for-vmware-cloud-foundation
5 site_author: Broadcom
6 docs_dir: docs
7 site_dir: .site
8 use_directory_urls: true
9
10 # Repository
11 repo_url: https://github.com/vmware/powershell-module-for-vmware-cloud-foundation
12 edit_url: blob/main/docs/
13
14 # Copyright
15 copyright: |
16 Copyright &copy; 2005-2024 Broadcom. All Rights Reserved.<br/>
17 The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.<br/><br/>
18
19 # Configuration
20 theme:
21   name: material
22   favicon: favicon.ico
23   logo: assets/images/icon-white.svg
24   icon:
25     repo: fontawesome/brands/github
26   palette:
27     - media: "(prefers-color-scheme: light)"
28       scheme: default
29       primary: indigo
30       accent: indigo
31       toggle:
32         icon: material/toggle-switch
33         name: Dark Theme
34     - media: "(prefers-color-scheme: dark)"
35       scheme: slate
36       primary: indigo
37       accent: indigo
38       toggle:
```



PowerShell Module for VMware Cloud Foundation

PowerVCF is an open source PowerShell module for interacting with the [VMware Cloud Foundation API](#).

Info
The module supports versions in accordance with the [VMware Product Lifecycle Matrix](#) from General Availability to End of General Support. [Learn more: VMware Product Lifecycle Matrix.](#)

 PowerShell Gallery

Requirements

Platforms

The following table lists the supported platforms for this module.

- Getting Started
- Installation
- Updating
- User Access
- Usage
- Release Notes
- Release Milestones
- License

- Table of contents
- Requirements
- Platforms
- Operating Systems
- PowerShell
- Module Dependencies
- Related Projects

PSRule



```
Code Blame Raw [Icons]
1 # Copyright (c) Microsoft Corporation.
2 # Licensed under the MIT License.
3
4 site_name: PSRule
5 site_url: https://microsoft.github.io/PSRule
6 site_description: Validate infrastructure as code (IaC) and objects using PowerShell
7 site_author: Microsoft
8
9 repo_url: https://github.com/microsoft/PSRule
10 edit_url: blob/main/docs/
11
12 extra_css:
13   - assets/stylesheets/extra.css
14
15 theme:
16   language: en
17   name: material
18   custom_dir: overrides
19   font:
20     text: Roboto
21   palette:
22     primary: black
23     accent: blue
24   logo: assets/ms_icon.png
25   favicon: assets/ms_icon.png
26   icon:
27     repo: fontawesome/brands/github
28   features:
29     - navigation.instant
30     - navigation.indexes
31     - navigation.sections:
32       level: 1
33     - navigation.tabs
34     - navigation.footer
35     - content.code.annotate
36     - content.tabs.link
37     - content.code.copy
38     - content.action.edit
39     - content.action.clone
```

PSRule v2 Search GitHub v2.9.0 345 44

[Home](#) [Getting started](#) [Reference](#) [Addons](#)

PSRule

Extensible · Continuous · Consistency.

Build test and governance controls for Infrastructure as Code (IaC).

→ [Get started now](#)

→ [Contribute on GitHub](#)

DevOps

Extensible

Reusable



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Posh-ACME



```
Code Blame
1 # Project information
2 site_name: Posh-ACME
3 site_url: https://poshac.me/docs
4 site_author: "Ryan Bolger"
5 site_description: "Documentation for the Posh-ACME PowerShell module"
6 site_dir: ..\Posh-ACME.docs\docs
7
8 # Repository
9 repo_name: rmbolger/Posh-ACME
10 repo_url: https://github.com/rmbolger/Posh-ACME
11 edit_url: edit/main/docs/
12
13 # Copyright
14 copyright: "Copyright &copy; 2021 Ryan Bolger"
15
16 # Configuration
17 theme:
18 # https://squidfunk.github.io/mkdocs-material/
19 name: material
20 custom_dir: docs/overrides
21
22 # Don't include MkDocs' JavaScript
23 include_search_page: false
24 search_index_only: true
25
26 features:
27 - navigation.instant
28 - navigation.tracking
29 - navigation.tabs
30 - navigation.sections
31 - navigation.expand
32 - navigation.indexes
33
34 icon:
35 logo: simple/powershell
36 repo: fontawesome/brands/github
37
38 palette:
39 - media: "(prefers-color-scheme: light)"
40   scheme: default
41 - media: "(prefers-color-scheme: dark)"
42   scheme: dark
```

Posh-ACME v4

Home Tutorial Functions Plugins Guides FAQ

Search

rmbolger/Posh-ACME v4.21.0 719 182

Posh-ACME

A PowerShell module and ACME client to create publicly trusted SSL/TLS certificates from an ACME capable certificate authority such as [Let's Encrypt](#).

Features

- Multi-domain (SAN) and wildcard (*.example.com) certificates supported
- IP Address certificates ([RFC 8738](#)) (*Requires ACME CA support*)
- All-in-one command for new certs, `New-PACertificate`
- Easy renewals with `Submit-Renewal`
- RSA and ECDSA keys supported for accounts and certificates
- Built-in validation plugins for DNS and HTTP based challenges. (pull requests welcome)
- Support for pre-created certificate requests (CSR)
- PEM and PFX output files
- No elevated Windows privileges required (*unless using `-Install` switch*)
- Cross platform PowerShell support. ([FAQ](#))
- Account key rollover support
- OCSP Must-Staple support
- DNS challenge CNAME support
- Multiple ACME accounts supported per ACME CA
- External Account Binding support for ACME CAs that require it ([Guide](#))

Table of contents

- Features
- Installation (Stable)
- Installation (Development)
- Quick Start
- Requirements and Platform Support
- Changelog



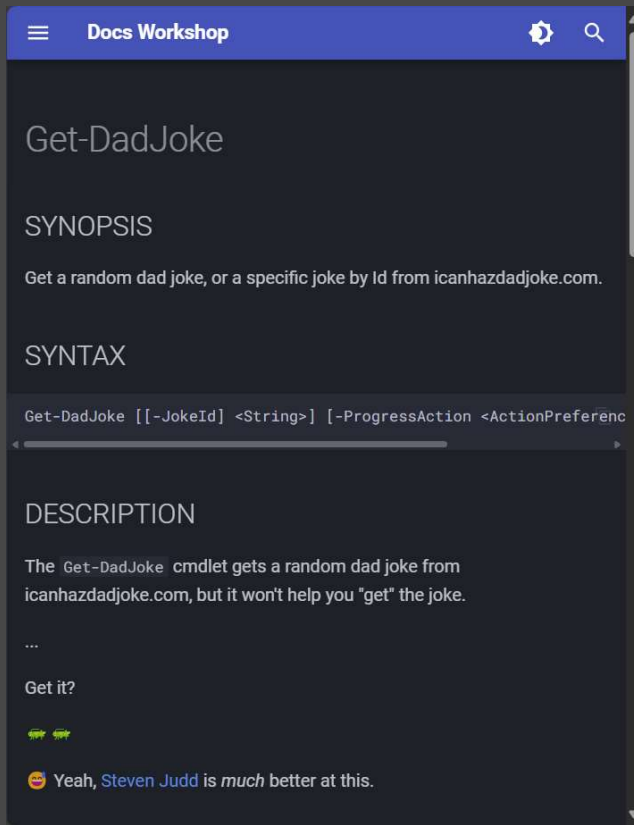
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Why bother?

- Get-Help only helps those who already know it's there and have already installed your module.
- Online docs are available to anyone, anywhere, no matter their experience.
- Documentation demonstrates care and attention – it inspires confidence in those who would use it.
- It also makes you look *really good at your job*

Agenda

- Quick overview of the tools we'll be using
- Introduce the workshop materials GitHub Repository
- Demonstrate the use of GitHub Codespaces
- Step through the workshop materials and get comfortable with the tools
- You will generate online documentation for a PowerShell module
- **Recommendation: Create a GitHub account now if you don't have one**



PlatyPS

WHAT?

- Generates or updates markdown files from the **Get-Help** output from your module
- Converts help in markdown format to MAML (as long as the markdown follows the PlatyPS schema)

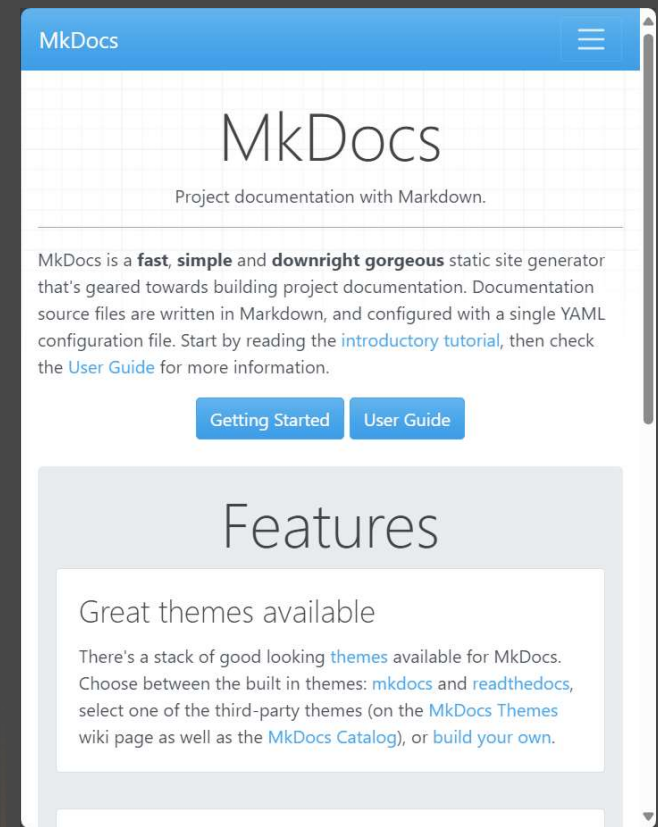
WHY?!

- Markdown is easier to read/edit
- Avoid committing changes to code just to update docs
- Lots of support for markdown with site generators
- MAML is required for binary modules and for localization

MkDocs

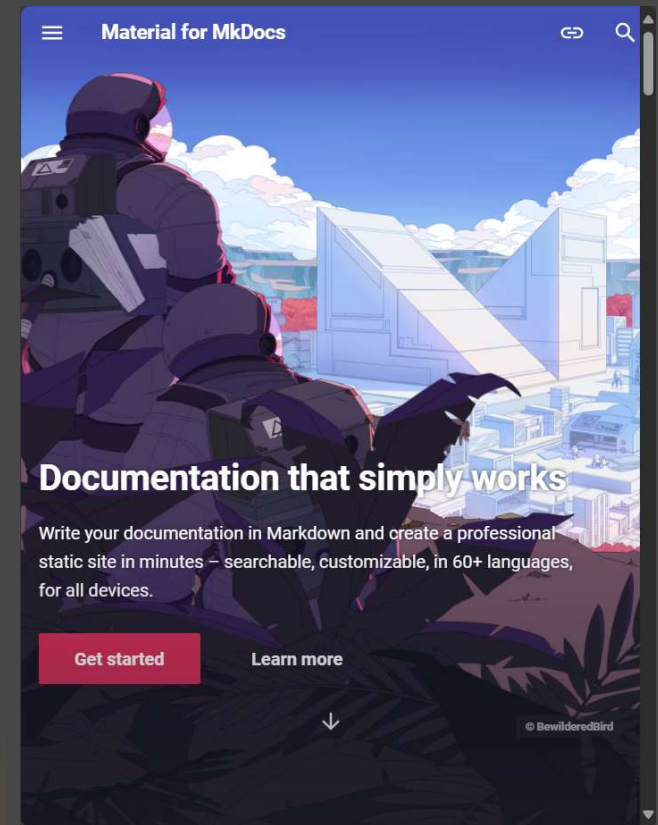


- Python-based static site generator
- Generates site from markdown files
- Large community and tons of extensions
- Wide variety of themes available, but...
- Material for MkDocs is ***the best theme!***



Material for MkDocs

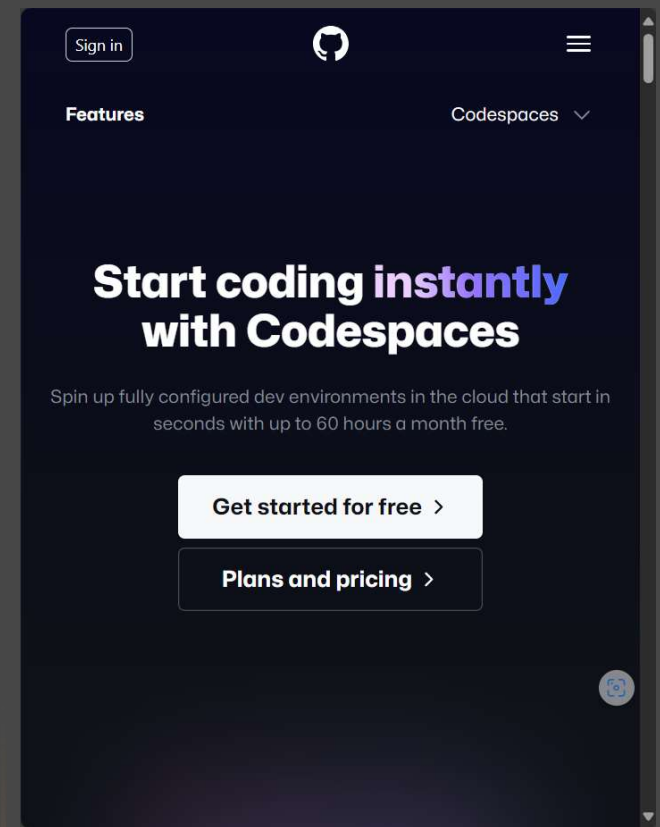
- Has a large & active community
- Beautiful, responsive, customizable
- Has *really good* documentation
- Open source and funded by sponsors
- New features are released to sponsors first, and then to the greater community as funding targets are met



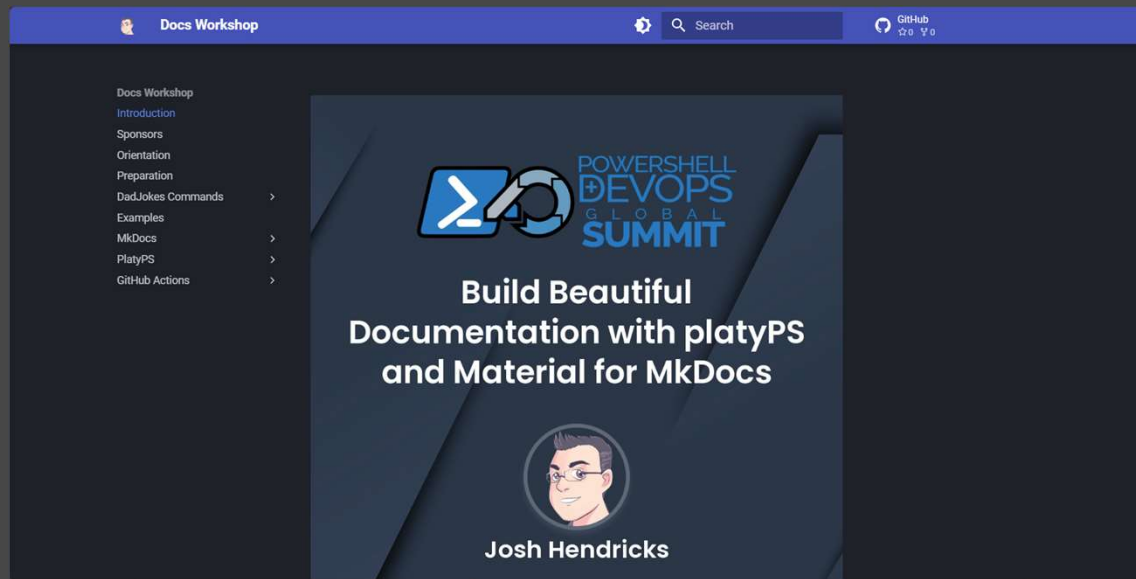
GitHub



- Version control
- Automation using GitHub Actions / workflows
- Website hosting using GitHub Pages
- Also, Codespaces are pretty dang cool



Start your browsers!



joshooaj.com/docs-workshop

THANK YOU

Please review this session



Session Review

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