

PSWriteHTML

- PowerShell Module

Azure Pipelines

canceled

powershell gallery

v0.0.164

powershell gallery preview

v0.0.164

license

MIT

platform

windows | macos | linux

powershell

75.9%

code size

1.33 MB

downloads

469k

jsdelivr

20k/month

Blog

evotec.xyz

LinkedIn

pklys

`PSWriteHTML` is PowerShell Module to generate beautiful HTML reports, pages, emails without any knowledge of HTML, CSS or JavaScript. To get started basics PowerShell knowledge is required.

`PSWriteHTML` is a fork of [ReportHTML](#) module. I've forked [ReportHTML](#) due to it being outdated and not

maintained. I also wanted to address some problems it had and add more features. As it stands `PSWriteHTML` is a complete rewrite. Make sure to read blog posts provided to understand the concepts and how you can use `PSWriteHTML` for your own needs.

How to install

While you can take sources and use it from here, **PSWriteHTML** actually is composed of multiple other of my modules. To get it up and running you will need ***PSSharedGoods**, and **PSSharedGoods** will need **Connectimo** and **PSWriteColor**. While **Connectimo** or **PSWriteColor** aren't needed for **PSWriteHTML**, **PSSharedGoods** uses them for some of the commands and it will fail without them. You can get all that from sources but if you **just want** to use my modules you should use the `Install-Module` command. It's available in PowerShell 5.1. As an added

bonus when I publish modules to **PowerShellGallery** I remove any junk, minimize modules to a single file which makes them faster to load and use. I really encourage you to use the module from PowerShellGallery and treat **GitHub** as a highly development version. Since version 0.0.61 when **PSWriteHTML** is published every dependency is baked into **PSWriteHTML**. That means you don't need to download any other modules unless you want to contribute to this project.

Installing

```
Install-Module -Name  
PSWriteHTML -  
AllowClobber -Force
```

Force and AllowClobber aren't necessary but they do skip errors in case some appear.

Updating

```
Update-Module -Name  
PSWriteHTML
```

That's it. Whenever there's a

new version you simply run the command and you can enjoy it. Remember, that you may need to close, reopen the PowerShell session if you have already used the module before updating it.

The important thing is if something works for you on production, keep using it till you test the new version on a test computer. I do changes that may not be big, but big enough that auto-update will break your code. For example, small rename to a parameter and your code stops working! Be responsible!

Dependencies:
PSSharedGoods,
PSWriteColor and
Connectimo are only used during development. When published to PSGallery / Releases it's a merged release without any dependencies.

**Articles worth
reading to
understand use
cases**

[↗ Meet Statusimo -](#)

PowerShell generated
Status Page

[↗ Meet Dashimo -
PowerShell Generated
Dashboard](#)

[↗ Dashimo - Easy Table
Conditional Formatting
and more](#)

[↗ Out-HtmlView - HTML
alternative to Out-
GridView](#)

[↗ Meet Emailimo - New
way to send pretty emails
with PowerShell](#)

[↗ All your HTML Tables
are belong to us](#)

[↗ Sending HTML emails
with PowerShell and zero
HTML knowledge required](#)

[↗ Dashimo
\(PSWriteHTML\) -
Charting, Icons and few
other changes](#)

[↗ Working with HTML in
PowerShell just got better](#)

[↗ Comparing two or more
objects visually in
PowerShell \(cross-
platform\)](#)

[↗ Easy way to create
diagrams using
PowerShell and
PSWriteHTML](#)

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- 🔗 [Nested Tabs, Diagram Updates, Diagram Events, Calendar Object and more in PSWriteHTML](#)
 - 🔗 [Emailimo merged into PSWriteHTML, IE support and no dependencies](#)
 - 🔗 [Active Directory DHCP Report to HTML or EMAIL with zero HTML knowledge](#)
 - 🔗 [Creating Office 365 Migration Diagram with PowerShell](#)
 - 🔗 [Advanced HTML reporting using PowerShell](#)

Changelog

`PSWriteHTML` undergoes changes that hopefully will make it more versatile, consistent and better. Unfortunately some code is very old, some code doesn't serve its purpose anymore, and requires heavy changes that may have an impact on already deployed code. Please make sure to read changes before updating, as we're undergoing some breaking changes.

Advantages over ReportHTML

- complete rewrite
- faster report building (from 20+ seconds to 0-2 seconds)
- updated libraries
- bunch of different, new features
- easier building HTML

Credits

[Matthew Quickenden](#)
([@lucidqdreams](#)) - author of ReportHTML - without him this wouldn't be possible.

Projects using PSWriteHTML (to give you ideas of what you can do)

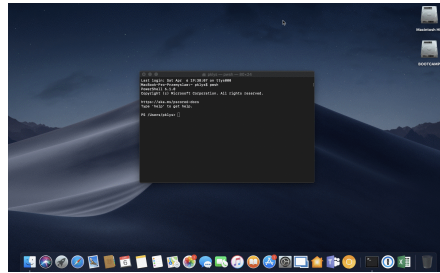
[Statusimo](#) is a PowerShell module that is able to generate a Status Page entirely from PowerShell.

[Dashimo](#) is a PowerShell module that makes generating Dashboards, nice looking HTML, a

breeze.

[Emailimo](#) is a PowerShell module that makes writing nice looking HTML emails, easy!

[Out-HTMLView](#) is a PowerShell cross-platform command alternative to Out-GridView



For colors, you can visit this [online page](#).

3rd Party Libraries

PSWriteHTML uses some 3rd party libraries to deliver its functionality. It requires those and without them - this project would have a basic functionality. There are two ways to use it

With links to CSS/JS
which makes code
cleaner and easy to see
what is happening

With code inline in HTML

which makes HTML much
bigger (default, but makes
PWriteHTML usage
offline possible)

Below you can find 3rd party
libraries being used.

[DataTables.net](#) - MIT
license

[ApexCharts](#) - MIT license

Google Fonts (Roboto)

[Fonts Awesome](#)

[Accordion](#) - MIT license

[Kineto](#) - MIT License

[MultiLevelPushMenu](#)
[jQuery Plugin](#)

[Vis-Network](#) - Apache 2.0

[Vis-TimeLine](#) - MIT and
Apache 2.0

[EasyQRCodeJS](#) - MIT
license

[JQuery SmartWizard](#) -
MIT license

[JQuery SmartTab](#) - MIT
license

[PopperJS](#) - MIT license

[MomentJS](#) - MIT license

[JustGage](#) - MIT license

[FrancyTree](#) - MIT license

[FullCalendar](#) - MIT license

[D3 Mitch Tree](#) - MIT
license

[jQuery - MIT license](#)

[Chart.xkcd - MIT license](#)

[OrgChart - MIT license](#)

[HighlightJS - BSD 3-](#)

[Clause "New" or](#)

["Revised" License](#)

[EnlighterJS - Mozilla](#)

[Public License 2.0](#)

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English

polski (Polish)