AzureDevOps.WikiPDFExport

Quickstart

This tool exports a Azure DevOps wiki to PDF. Therefore, you need to git clone the target wiki to a computer. You can get the clone link of the wiki in the top right of the wiki homepage:

Wikis > ☐ AzureDevOps.WikiPDFExport.wiki ∨

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Max Melcher 10 minutes ago Revisions



Quickstart

This tool exports a Azure DevOps wiki to PDF. Therefore, you need to git clone the target wiki to a computer.

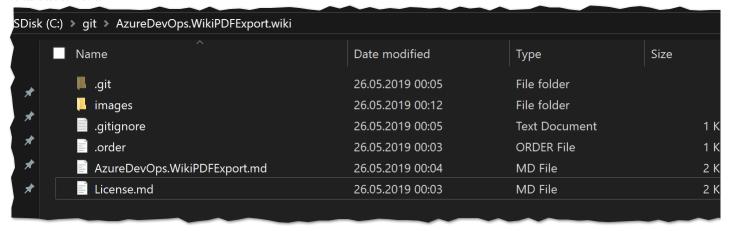
For this wiki:

git clone https://dev.azure.com/mmelcher/AzureDevOps.WikiPDFExport/_git/AzureDevOps.WikiPDFExport.wiki

Once you have cloned the wiki, you must download a release of the WikiPDFExport tool.

To clone this wiki, use the following command: git clone https://dev.azure.com/mmelcher/AzureDevOps.WikiPDFExport/_git/AzureDevOps.WikiPDFExport.wiki

The result should look like this



Once you have cloned the wiki, you must download the Azure DevOps WikiPDFExport tool. azuredevops-export-wiki.exe

You can drop it right into the cloned folder and execute it there. Launched without parameters, the tool will detect all wiki files next to it and convert it to a PDF called export.pdf right next to it. Similar to this pdf.

If you need more control over the output, please see the Configuration Options below or by launching the tool with --help parameter.

Features

The tool currently supports the following:

- Export all wiki pages (and sub pages) in the correct order including styles and formatting.
- Includes pictures (remote and relative urls)
- Creates PDF bookmarks to all pages for easier navigation within the PDF
- If you link to other wiki pages, the link in the PDF will work, too. Everything self-contained. Download the .exe file, run it, done.
- It is fast. A PDF with 160 pages is created in less than a second.

Requirements

The tool is developed as .NET Core 2.2 application, therefore you need to have the runtime installed. Download is available here.

Download

The download is available here

Configuration Options

-o / --output

The path to the export file including the filename, e.g. c:\export.pdf

-d / --date

The current date will be added to the footer

-b / --breakPage

27.05.2019 15:55

For every wiki page a new page in the PDF will be created

-t / --heading

For every wiki page create a heading in the PDF. If the file is called Home.md a new #Home-heading is added to PDF.

-v / --verbose

Verbose mode. Logging will added to the console window

-g / --debug

Debug mode. Logs tons of stuff and even exports the intermediate html file

-h / --help

Help - outputs the parameters that can be used

Limitations

So far the following limitations are known:

- TOC (Table of Contents) tag is not supported and will exported as tag
 The tool, sometimes shows an error "Qt: Could not initialize OLE (error 80010106)" this can be ignored.
 If headers are not formatted properly (#Header instead of # Header), they are rendered incorrectly.
 The tool lacks proper testing because I only have two wikis available

License

See <u>license</u>

Thanks

In this tool uses three open source libraries are doing the work - I just combined them to get the export as PDF:

- CommandLineParser to parse the command line
 MarkDig to parse markdown files to HTML.
 DinkToPdf to export HTML to PDF

TEST-PAGE

tags:

- test
- pageyaml title: Test Page

The following are tests for the export page

Copy & Paste Picture

Table of Contents

[[*TOC*]]

Video

::: video

\$e=mc^2\$

Mention

@<7C0C20F7-3AB6-6232-8E80-E35152712AF5>

##Malformed header (no space!)

Lists

- 1 Entry
- 2 Entry
- 3 Entry

Formats

 $\textbf{bold } \textit{italic } \underline{\textbf{link}} \texttt{ code}$

Build-Task

Using Azure DevOps WikiPDFExport as build task is straightforward.

- 1. Create a new build definition
- Git Source is "Other Git"
- - 1. Add the clone url to the wiki to the details and username $/\,password$ if required
- 4. Ensure that the agent is a windows agent
- 5. Add a powershell task with the following code:

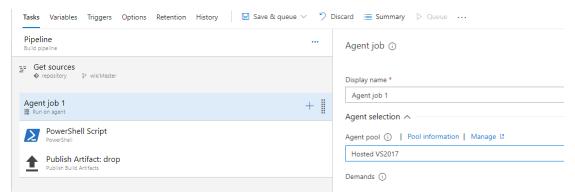
```
#Download url to the export tool
$url = "https://dev.azure.com/mmelcher/8036eca1-fd9e-4c0f-8bef-646b32fbda0b/_apis/git/repositories/e08d1ada-7794-4b89-a3ea-cb64a26683c3/Items?path=%2Fazuredevops-export-wiki.exe6
#filename of the tool
$output = "azuredevops-export-wiki.exe"
#download the file
Invoke-WebRequest -Uri $url -OutFile $output
\# launch \ the \ tool \ - adjust the parameters if required ./azuredevops-export-wiki.exe
```

5. Add a second task to publish the PDF as build artifact.

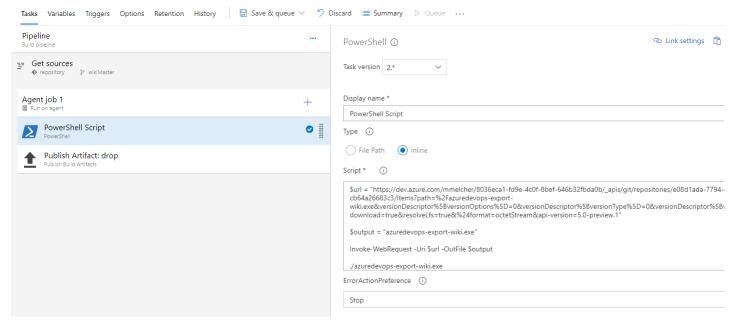
Once the build succeeds, you can download the PDF file from the build page or use it in a release.

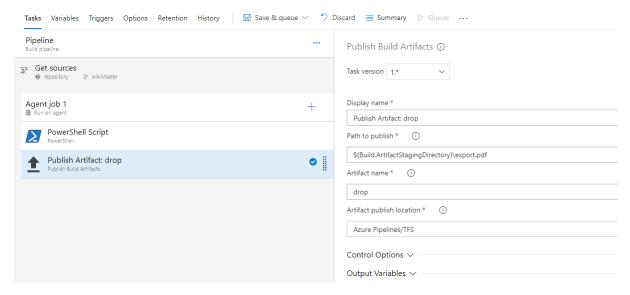
Pictures

Windows Agent



PowerShell Task





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