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ASCIIDoctor to Blog Utility

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Table of Contents

- 1. Introduction 1
- 2. Requirements 1
- 3. Prerequisites 2
- 4. Document History 3

Over the years I have tinkered with the idea of using ASCIIDoctor documents as the basis for a blog service. The Blog would be statically delivered and as damn simple as possible.

1. Introduction

I use ASCIIDoctor to do the majority of my documentation and have gotten good at it with special editor extension and snippets.

I have looked at a number of Open source solutions and most of them are either too complex or difficult to implement.

- Hugo - Based on `Go` and a defined file structure that doesn't allow the article to exist in a directory atomically.
- Gatsby - Difficult to install and is geared more towards document repository
- Antora.org - Requires GIT repositories to create a document site generator, too many unneeded features
- Vue based - Flexible but used GraphQL for access to even the filesystem, ASCIIDoc not mentioned

2. Requirements

These are the requirements for a basic utility to manage ASCIIDoctor files specifically and generate a blog automatically

- Use Blog articles as separate directories
- Use ASCIIDoctor as the primary files for articles
- Use the content of the ASCIIDoctor file to drive the indexing
 - The (=) title becomes the title of the article
 - The preamble (The first paragraph of the document)
 - Date from the date line of the header
- index.html generated from index.adoc to all for template of index to be changed
- Blog order article is determined by a single text file in root `order.txt` with a list of the directory name in the order they should appear in the blog
 - Delete an article by (*) it in the `'order.txt`
- Use a FTPSync command to help move (New/Updated) generated content into web server
- Auto generate HTML & PDF if the corresponding ADOC is more than 1 day old

3. Prerequisites

- Definition of Blog article file naming
 - readme.adoc for main document
 - readme.png (Optional) for Blog article image
 - All sub-directories in Blog article directory will be transferred except for `.exclude` folder

4. Document History

Table 1. Document History

Date	Version	Author	Description
07/19/2019	V2.1b	JHRS	Initial version