Swagger to ASCIIDoc Markdown

John HR Schuster

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The Swagger API specification file is in a [YAML] format. When used with SwaggerHub it provides excellent on-line documentation and testing services. However, sometimes a printed version of the swagger [YAML] file is needed. This method produces a PDF file from the Swagger [YAML] file.

Installation

Download the JAVA [JAR] file from https://jcenter.bintray.com/io/github/swagger2markup/swagger2markup/.

Copy the JAR file to your Java library or into the project directory.

> ℹ Current version was 1.3.3. I copied it `swagger2markup.jar` to allow the script to handle this better.

GIT

This project has a local GIT repository and a GMH private repository.

SWAGGER YAML file

The Swagger specification can be saved to a [YAML] or a [JSON] file format.

Swagger YAML Example

GRADLE Build tool

Gradle is a build tool used for Java, C++, Python and other languages.

- The download for the Gradle binary is https://gradle.org/next-steps/?version=4.9&format=bin
- Create a new directory `C:\Gradle` with File Explorer.
- Open a second File Explorer window and go to the directory where the Gradle distribution was downloaded. Double-click the ZIP archive to expose the content. Drag the content folder `gradle-4.9` to your newly created `C:\Gradle` folder.
- In File Explorer right-click on the This PC (or Computer) icon, then click Properties → Advanced System Settings → Environmental Variables.
- Under System Variables select Path, then click Edit. Add an entry for `C:\Gradle\gradle-4.9\bin`. Click OK to save.
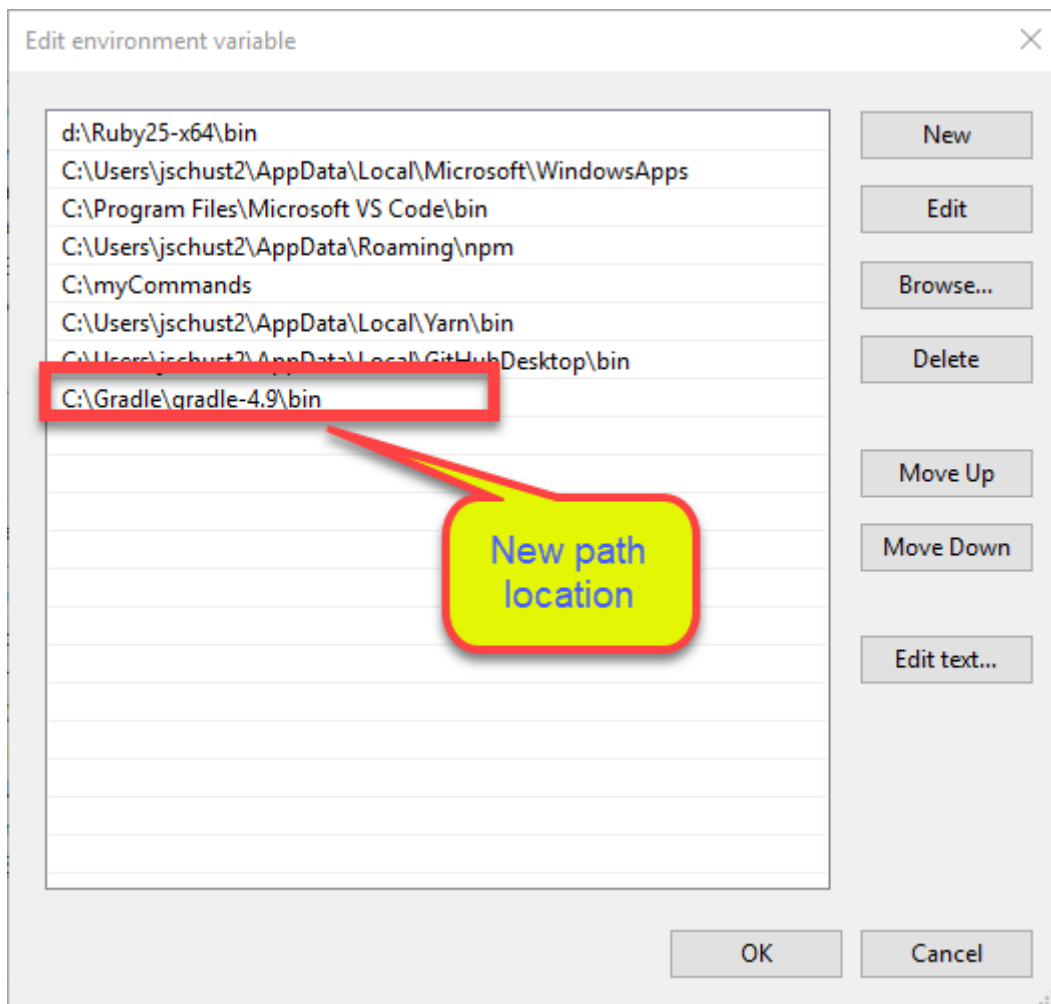
Figure 1. Environment Variable PATH

gradle -v

Swagger2Markup example

You can clone and build the jar, then use this CLI to generate asciidocs.

```
gradle assemble
java -jar ./build/libs/swagger2markup-cli-X.X.X.jar convert -i the_swagger_file.json
-d /the/path/to/output
```

So for the example in this project

```
java -jar ./swagger2markup.jar convert -i cc360-API.yaml -d ./doco/CC360-API.adoc
```

References

Swagger2Markdown

https://github.com/Swagger2Markup/swagger2markup

The primary goal of this project is to simplify the generation of an up-to-date RESTful API documentation by combining documentation that's been hand-written with auto-generated API documentation produced by Swagger. The result is intended to be an up-to-date, easy-to-read, on- and offline user guide, comparable to GitHub's API documentation. The output of Swagger2Markup can be used as an alternative to swagger-ui and can be served as static content.

> The Swagger Specification has been donated to to the Open API Initiative (OAI) and has been renamed to the OpenAPI Specification.

http://swagger2markup.github.io/swagger2markup/1.3.3/

Swagger2Markdown Documentation.

Swagger2Markdown CLI

https://github.com/Swagger2Markup/swagger2markup-cli

This is a CLI for Swagger2Markup. It converts a Swagger JSON or YAML file into several AsciiDoc or GitHub Flavored Markdown documents which can be combined with hand-written documentation. The Swagger source file can be located locally or remotely via HTTP. Swagger2Markup supports the Swagger 1.2 and 2.0 specification.

Question and Answers

How Fast can a Cheetah run?

Faster than you.

Glossary

JSON

JavaScript Object Notation.

YAML

Yet Another Markdown Language