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| Mdbook Gui  Create a site in a few minutes | Author: Mingong Wuang  Teacher: Mingong Wuang  <https://github.com/mingong/mdbook-gui> |

# Description

## What is Mdbook?

**Mdbook** is an open-source and easy-to-use static site or blog generator (such as **Word Press**). it turns several Markdown, HTML, CSS and Java Script files into a complete, automatically generated site. More information on the official website <https://rust-lang.github.io/mdBook/>.

## What is Mdbook Gui?

**Mdbook Gui** is a simple but useful graphical interface designed to give the user a way to use **Mdbook's functionality on Windows** without too many complications and dependencies.

The application was designed for those who want to create a static website or a blog in a very short time, without too much web knowledge and without using online platforms that cost money. The application can also be used by those who already use Mdbook on Windows to make their work easier.

# Characteristics

The application aims to bring in addition to the functionality offered by Mdbook and other improvements. A summary of the features is presented below:

* Creating a new project / site - you can create a project with a demo site or a project using a template
* Opening an existing project
* Hosting a site on a configurable port - using the ***mdbook serve*** command
* Generating / exporting a site - using the ***mdbook build*** command
* Mdbook environment - see below
* Templates - see below
* Quick links to online documentation - for Mdbook, Markdown, HTML, etc.

## Mdbook environment

Mdbook does not have a graphical interface. it is used from the command line.

Mdbook Gui solves these problems by containing an **already installed and configured** (along with its dependencies) Mdbook environment. it is used by the application to run Mdbook commands.

## Templates

The application allows the user to choose theme. The application then automatically creates a new project.

it should be noted that this functionality is not included in Mdbook, this process is usually manual. With Mdbook Gui everything is simplified.

# Technology

Application written in **C#** using **Visual Studio 2019 Community Edition** for **Windows**. it contains **Mdbook** ready configured, without the need for other external programs. The **Inno Setup** for creating setups. All these technologies were chosen because they are free and / or open-source, being easy to use and suitable for this application.

# Download & Install

Download the latest version from the **Releases** page of the repository, run the ***mdbook-gui-{version}.exe*** executable, and follow the installation steps. The application can be accessed from the Start menu or through the shortcut created on the Desktop.

# System requirements

* Windows 7/8 / 8.1 / 10 (x86 or x64)
* .NET Core 3.1 Desktop Runtime

# Resources

* Visual Studio Community: <https://visualstudio.microsoft.com/en-us/vs/community/>
* Mdbook: <https://rust-lang.github.io/mdBook/>
* Inno Setup: <https://www.jrsoftware.org/isinfo.php>

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