

Mermaid-MD-to-PDF

A command-line tool to convert Markdown files containing Mermaid diagrams to PDF documents.

Features

- Converts Markdown files to PDF
- Renders Mermaid diagrams as SVG images in the PDF
- Preserves all standard Markdown formatting
- Simple command-line interface

Installation

Prerequisites

- Node.js (v14 or later)
- npm

Install from source

1. Clone the repository:

```
git clone https://github.com/klokie/mermaid-md-to-pdf.git
cd mermaid-md-to-pdf
```

2. Install dependencies:

```
npm install
```

3. Make the CLI available globally

```
npm link
```

Usage

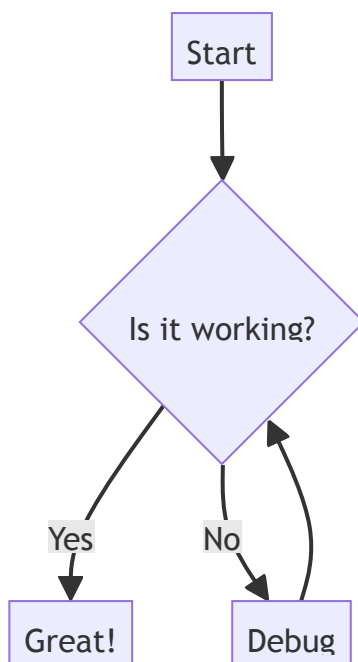
```
mermaid-md-to-pdf <input-file> [options]
```

Options

- `-o, --output <output-file>` : Output PDF file name (default: `input-file.pdf`)
- `-h, --help` : Show help

```
# Document with Mermaid Diagram
```

This is a sample document with a Mermaid diagram.



The diagram above shows a simple flowchart.

This will create `example.pdf` with the rendered Mermaid diagram.

How It Works

1. Parses the Markdown file to find Mermaid diagram code blocks
2. Renders each Mermaid diagram to SVG using `@mermaid-js/mermaid-cli`
3. Replaces the Mermaid code blocks with the rendered SVGs
4. Converts the processed Markdown to PDF using `markdown-pdf`

Customization

You can customize the PDF styling by modifying the `pdf-style.css` file.

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