

# 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

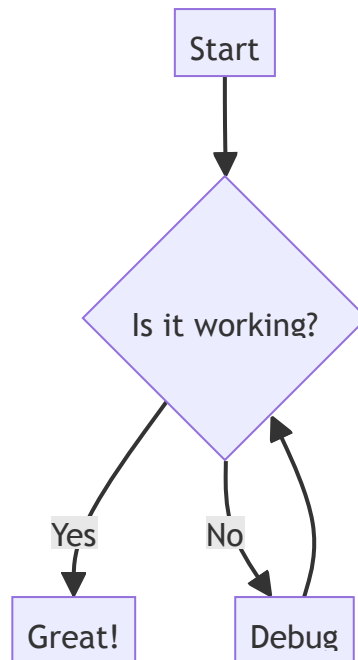
```
mermaid-md-to-pdf <input-file> [options]
```

## 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.

Running `mermaid-md-to-pdf README.md` will create `README.pdf` with the rendered Mermaid diagram. See [README.pdf](#) for the output.

## 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. Processes the Markdown content and embeds the SVG diagrams
4. Converts the processed content to PDF using Puppeteer

## Customization

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

## License

