

# MarkdownToPdf



Convert markdown document to html/pdf using VisualBasic in a super easy way! This is a small VB.NET wrapper utility around `wkhtmltopdf` console tool. You can use it to easily convert Markdown/HTML reports to PDF.

`wkhtmltopdf` cli wrapper code translate from <https://github.com/codaxy/wkhtmltopdf>.

## Feature

- ☒ Convert markdown/html document to PDF
- ☐ Custom CSS style supports. (Works in progress)

## How to install

- Clone the source code in this repository
- Open in VisualStudio 2017 and restore the nuget package `sciBASIC#`
- compile
- Extract `wkhtmltopdf` binary distributes from `./dist/wkhtmltopdf.7z` package to app release folder
- Run app in **cmd/bash** or shell scripting for batch converts of the PDF documents.

```
MINGW64:/c:/Users/xieguigang/OneDrive/Workspace/markdown2pdf/Markdown2PDF/bin/...
xieguigang@DESKTOP-5L1QOPEN MINGW64 ~/OneDrive/Workspace/markdown2pdf/Markdown2PDF/bin/Release (master)
$ ./Markdown2PDF.exe
markdown2PDF <input.md> [custom.css]

<html>
<head>
  <title>Hello World!</title>
</head>
<body>
  <h1>Hello World!!!</h1>
  <hr />
  <h2>Example code</h2>
  <code>
    <pre>
Public Function Main() As Integer
    Call println("Hello world!")
    Return 0
End Function
    </pre>
  </code>
  <h4>Another header</h4>
  <table>
    <thead>
      <tr>
        <th>1</th>
        <th>2</th>
        <th>3</th>
      </tr>
    </thead>
    <tr>

```

## Usage

```
Console.InputEncoding = Encoding.UTF8
```

```
PdfConvert.Environment.Debug = False
PdfConvert.ConvertHtmlToPdf(New PdfDocument With {
    .Url = "input.html"
}, New PdfOutput With {
    .OutputFilePath = "output.pdf"
})
```

```
PdfConvert.ConvertHtmlToPdf(New PdfDocument With {
    .Url = "input.html",
    .HeaderLeft = "[title]",
    .HeaderRight = "[date] [time]",
    .FooterCenter = "Page [page] of [topage]"
}, New PdfOutput With {
    .OutputFilePath = "output.pdf"
})
```

```
PdfConvert.ConvertHtmlToPdf(New PdfDocument With {
    .Url = "-",
    .Html = "<html><h1>test</h1></html>"
}, New PdfOutput With {
    .OutputFilePath = "inline.pdf"
})
```

```
PdfConvert.ConvertHtmlToPdf(New PdfDocument With {
    .Url = "-",
    .Html = "<html><h1>測試</h1></html>"
}, New PdfOutput With {
    .OutputFilePath = "inline_cht.pdf"
})
```

## Demo: hello world

```
Dim html As New HTMLDocument With {  
.HTML = <html>  
    <head>  
        <title>Hello World!</title>  
    </head>  
    <body>  
        <h1>Hello World!!!</h1>  
        <hr/>  
        <h2>Example code</h2>  
        <code>  
            <pre>  
                Public Function Main() As Integer  
                    Call println("Hello world!")  
                    Return 0  
                End Function  
            </pre>  
        </code>  
        <h4>Another header</h4>  
        <table>  
            <thead>  
                <tr>  
                    <th>1</th>  
                    <th>2</th>  
                    <th>3</th>  
                </tr>  
            </thead>  
            <tr>  
                <td>a</td>  
                <td>b</td>  
                <td>c</td>  
            </tr>  
        </table>  
        <footer style="position:fixed; font-size:.8em; text-align:right; bottom:0px; margin-left:-25px; height:20px; width:100%;">  
            Here is the PDF document footer.  
        </footer>  
    </body>  
</html>  
}  
Call println(html.GetDocument)  
Call PdfConvert.ConvertHtmlToPdf(html, App.HOME & "/hello-world.pdf")
```

## CLI Usage

```
# markdown2pdf
markdown2pdf ./input.md
# Due to the reason of markdown parser is compatible with html format,
# so that convert from a html file is also works fine!
markdown2pdf ./input.html
```

## Dependence

**sciBASIC**

```
# http://github.com/xieguigang/sciBASIC
# install via nuget
PM> Install-Package sciBASIC -Pre
```

## Licence

This project is available under MIT Licence.