

使用 **Pandoc** 將 **Markdown** 轉為 **PDF** 文件

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2023-05-16



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MarkDown to PDF

Pandoc

基本使用

安裝 Pandoc 安裝 MiKTeX 查看字體

```
1 fc-list :lang=zh
```

加入 YAML metadata 區塊

```
1 ---
2 title: 使用 Pandoc 將 Markdown 轉為 PDF 文件
3 author: Carl Huang
4 date: "2020-01-13"
5 CJKmainfont: "微軟正黑體"
6 ---
```

以下指令產出 pdf

```
1 pandoc 'MarkDown to PDF.md' -o 'example.pdf' --pdf-engine=xelatex --toc
   --toc-depth=4
```

使用 EISvogel LaTeX template 樣式

Eisvogel LaTeX template

移動 `eisvogel.tex` 到以下資料夾

```
1 C:\Users\LT10s\AppData\Roaming\pandoc\eisvogel.tex
```

整合使用

```
1 ---
2 title: 使用 Pandoc 將 Markdown 轉為 PDF 文件
3 author: Carl Huang
4 date: "2020-01-13"
5 CJKmainfont: "微軟正黑體"
6 subject: "Pandoc 轉檔教學"
7 keywords: [Markdown, Pandoc]
8 titlepage: true,
9 titlepage-rule-color: "360049"
10 titlepage-background: "background.pdf"
11 ---
```

產出 pdf

```
1 pandoc "MarkDown to PDF.md" -o "example_with_template.pdf" --pdf-engine
  =xelatex --toc --toc-depth=4 --from markdown --template=eisvogel --
  listings
```

整理參數

YAML metadata 可使用參數代替 example:

```
1 pandoc "MarkDown to PDF.md" -o "example_with_template.pdf" --pdf-engine
  =xelatex --toc --toc-depth=4 --from markdown --template=eisvogel --
  listings --variable CJKmainfont="微軟正黑體" --variable title="使用
  Pandoc 將 Markdown 轉為 PDF 文件" --variable author="Carl Huang"
```

或使用 **lua-filter** 步驟如下產生 `filter.lua` 放在路徑 `C:\Users\LT10s\AppData\Roaming\pandoc\filter` 以及 `background.pdf` 放在路徑 `C:\Users\LT10s\AppData\Roaming\pandoc`

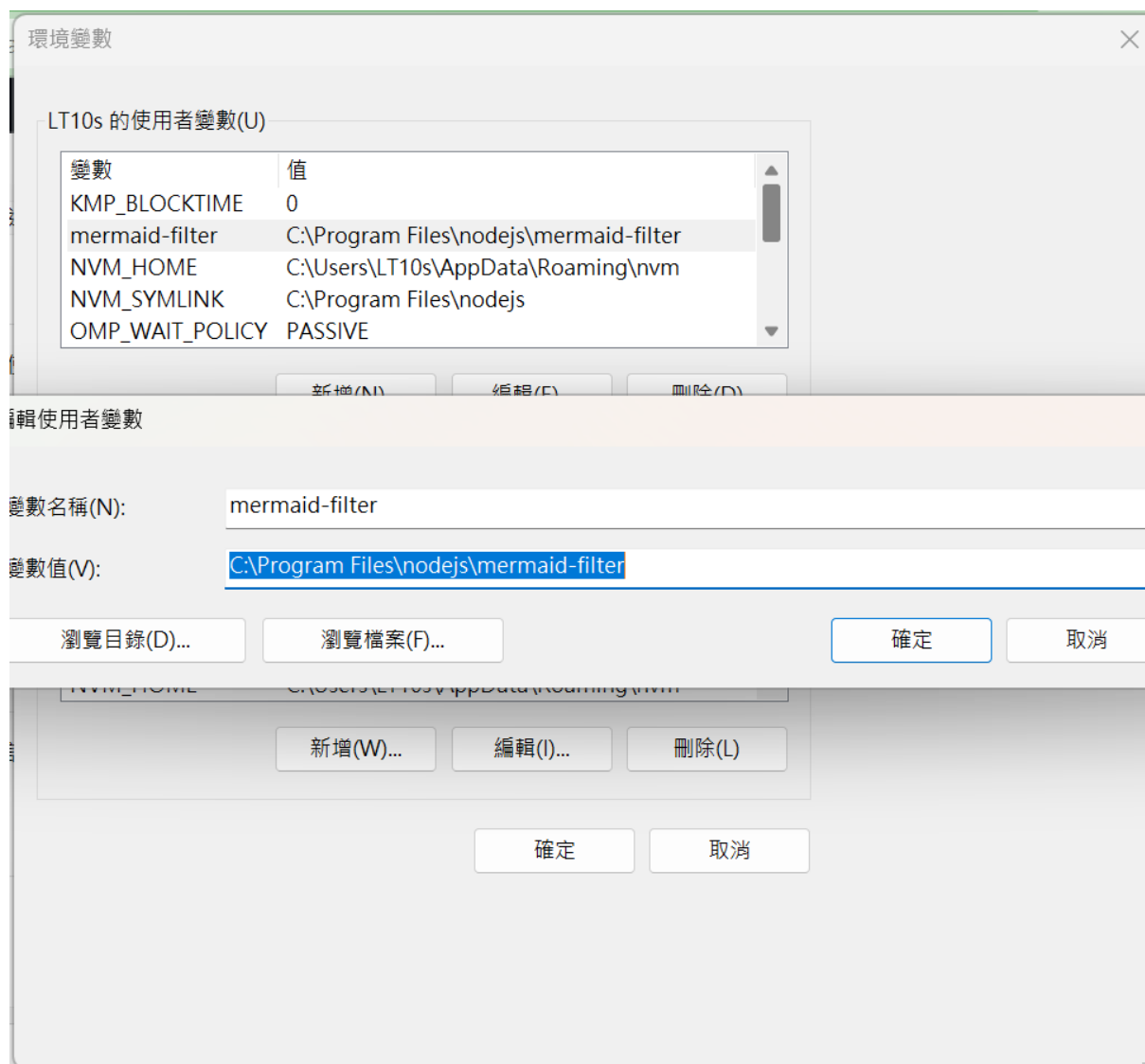
```
1 function Meta(meta)
2   meta.title = "使用 Pandoc 將 Markdown 轉為 PDF 文件"
3   meta.author = "Carl Huang"
4   meta.date = os.date("%Y-%m-%d")
5   meta.CJKmainfont = "微軟正黑體"
```

```
6 meta.subject = "Pandoc 轉檔教學"  
7 meta.keywords = { "Markdown", "Pandoc" }  
8 meta.titlepage = true  
9 meta["titlepage-rule-color"] = "360049"  
10 meta["titlepage-background"] = "C:/Users/LT10s/AppData/Roaming/pandoc  
    /background.pdf"  
11 return meta  
12 end
```

需要支援 mermaid 流程圖需要

```
1 npm install --global mermaid-filter
```

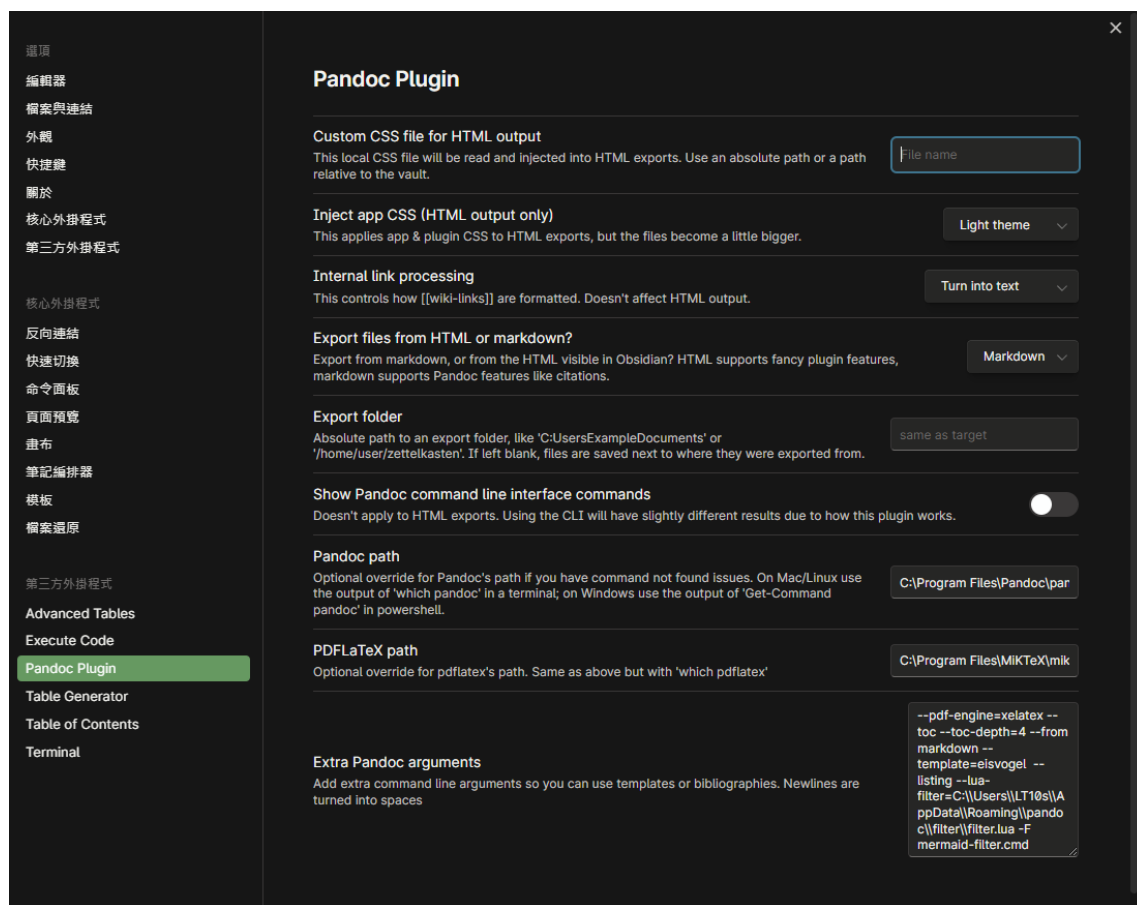
如果抓不到需要到環境變數設定



執行以下

```
1 pandoc "MarkDown to PDF.md" -o "example_with_template.pdf" --pdf-engine=xelatex --toc --toc-depth=4 --from markdown --template=eisvogel --listings --lua-filter=C:\\Users\\LT10s\\AppData\\Roaming\\pandoc\\filter\\filter.lua -F mermaid-filter.cmd
```

整合 **obsidian pandoc plugin**



```
1 // 執行以下 plugin
2 Pandoc Plugin:Export as PDF(via LaTeX)
```

vscode extensions

Markdown Preview Enhanced

Markdown PDF(z)

Paste Image

vscode setting

```
1 //setting.json
2 "markdown-preview-enhanced.latexEngine": "xelatex",
3 "markdown-pdf": {
4   "headerTemplate": "<span style='font-size: 8pt;'>Page <span class="
    =\"pageNumber\"></span> of <span class=\"totalPages\"></span></span></pre>
```

```
5     "footerTemplate": "<div style='text-align: center; width:100vw'><  
      span style='font-size: 8pt;'>第 <span class='pageNumber'></span>  
      頁</span></div>",  
6     "breaks": "false"  
7   },  
8   "[markdown]": {  
9     "editor.quickSuggestions": {  
10      "other": "on",  
11      "comments": "on",  
12      "strings": "on"  
13    }  
14  },  
15  "pasteImage.path": "${currentFileDir}/files",  
16  "pasteImage.autoFilename": true,
```

snippets setting

```
1 //markdown.json  
2 {  
3   "nextPage": {  
4     "prefix": "next",  
5     "body": [  
6       "<div style='page-break-after: always;'>",  
7       "<span style='color:white'>下 一 頁</span>&nbsp;  ",  
8       "</div>"  
9     ],  
10    "description": "換 下 一 頁"  
11  },  
12  "table": {  
13    "prefix": "table",  
14    "body": [  
15      "<div class='title'>test</div>",  
16      "<table data-cols='3'>",  
17      "<tbody>",  
18      "    <tr>",  
19      "      <td>Row 1, Column 1</td>",  
20      "      <td>Row 1, Column 2</td>",  
21      "      <td>Row 1, Column 3</td>",  
22      "</tr>",  
23      "<tr>",  
24      "      <td>Row 2, Column 1</td>",  
25      "      <td>Row 2, Column 2</td>",  
26      "      <td>Row 2, Column 3</td>",  
27      "</tr>",  
28      "</tbody>",  
29      "</table>"  
30    ],  
31    "description": "HTML 表 格"  
32  },
```

```
33   "tableStyle": {
34     "prefix": "tableStyle",
35     "body": [
36       "<style>",
37       "table {",
38         "    width: 100vw;",
39         "    border: 1px solid black;",
40         "    border-collapse: collapse;",
41       "}",
42       "tbody td {",
43         "    border: 1px solid black;",
44         "    padding: 8px;",
45         "    text-align: center;",
46         "    width: calc(100% / var(--cols));",
47       "}",
48       ".title {",
49         "    width: 100%;",
50         "    text-align: center;",
51         "    font-size: 30px;",
52         "    margin-bottom: 15px;",
53       "}",
54       "</style>"
55     ],
56     "description": "table 的 格 式"
57   }
58 }
```

use

```
1 // 產出pdf
2 >markdown PDF:Export(pdf)
3 // 產生目錄
4 > create toc
5 // 貼上圖片
6 >Paste Image
7 ctrl+alt+v
```

使用 **Markdown Preview Enhanced** **pandoc** 須加上以下

```
1 ---
2 title: "Habits"
3 author: John Doe
4 date: March 22, 2005
5 output:
6   pdf_document:
7     toc: true
8     toc_depth: 4
```



```
9 latex_engine: xelatex
10 ---
```

其餘參考如下 Markdown Preview Enhanced

test	ttwet	qwe
3r23r	12142	21312
3r23r	12142	21312
3r23r	12142	21312
3r23r	12142	21312

