

The page features decorative corner elements consisting of thin black lines. In the top-left and top-right corners, there are L-shaped lines. In the bottom-left and bottom-right corners, there are more complex line structures resembling stylized brackets or corner reinforcements. A single vertical line is positioned in the center of the top edge, and a single horizontal line is positioned in the center of the bottom edge.

# **How to use Re:VIEW Docker image for digital publishing in Windows**

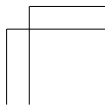
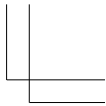
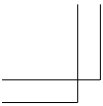
**Author: Tomoya Yamanaka**

**2020-05-24edition**



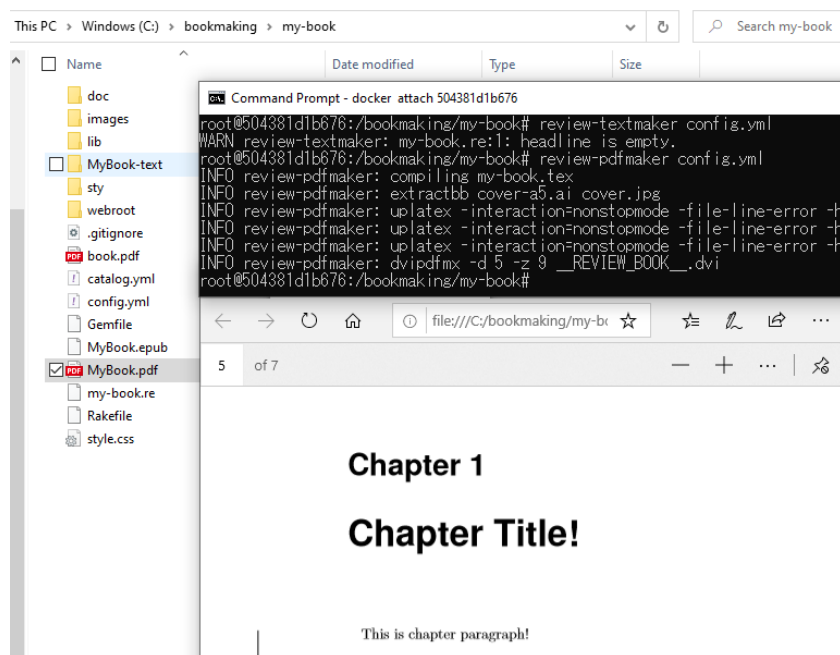
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# Chapter 1

## Introduction



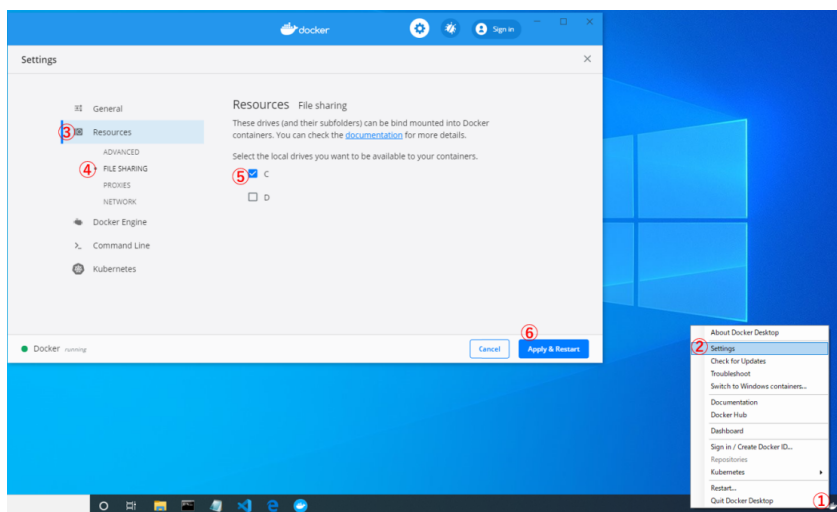
## Chapter 1 Introduction

---

Re:VIEW is one free digital publishing system. We can use it as a Docker image so that it's easy to try! For starting, if your PC doesn't have Docker yet, get it installed from the following link.

### Docker Desktop

You also should configure Docker for file sharing. The procedure for Windows is like following.



1. Click the docker icon taskbar notification area to show the menu.
2. Select Settings in the menu
3. Select Resources
4. Select FILE SHARING
5. Select the local drive which you will allow to do the file sharing for Docker
6. Click Apply & Restart button

## Chapter 2

# Pulling the image

To pull Re:VIEW Docker image, run the following command from your command prompt.

```
docker pull vvakame/review
```

In prompt, it will be like this.

```
C:\Users>docker pull vvakame/review
Using default tag: latest
latest: Pulling from vvakame/review
88ced04f60ab: Downloading [=====>] 6.179MB/27.09MB
c2ad169dd722: Downloading [====>] 2.906MB/35.53MB
915eecdabef4: Download complete
a67f9d3eaa09: Waiting
d1d98954ebc1: Waiting
cc8a1f7ea01b: Waiting
dcca8593e358: Waiting
89b7eda5d5c1: Waiting
53aba014b4c7: Waiting
0aa68165adec: Waiting
ba20e97af818: Waiting
a5bbafea4f79: Waiting
877ef8afd544: Waiting
2774c3a28dac: Waiting
```

## Chapter 2 Pulling the image

---

It will take some time to finish downloading the all pulled image data, but after it's successfully done, it will be like this.

```
C:\Users>docker pull vvakame/review
Using default tag: latest
latest: Pulling from vvakame/review
68ced04f60ab: Pull complete
c2ad169dd722: Pull complete
915eecdbef4: Pull complete
a67f9d3eaa09: Pull complete
d1d99354ebc1: Pull complete
cc8a1f7ea01b: Pull complete
dcca8593e358: Pull complete
39b7eda5d5c1: Pull complete
53aba014b4c7: Pull complete
0aa68165adec: Pull complete
ba20e97af818: Pull complete
a5b5afea4f79: Pull complete
677ef8afd544: Pull complete
2774c3a28dac: Pull complete
Digest: sha256:89dbf341a289d9d90803a9ea2bde167c5994723b8d8db514a71b795d338e5aed
Status: Downloaded newer image for vvakame/review:latest
docker.io/vvakame/review:latest
C:\Users>
```



## Chapter 3

# Run the image with sharing the working folder

Now, You will run the image but you should make and share a working folder for your book making. In following commands, c:\bookmaking folder is created with mkdir command and the folder is shared Re:VIEW Docker image and run.

```
mkdir "creating working folder path. Ex::c:\bookmaking"  
docker run -ti -v "created working folder path:/working folder name Ex::c:\bookmaking:/b
```

In prompt, it will be like this.

```
C:\Users>mkdir c:\bookmaking  
C:\Users>docker run -ti -v c:\bookmaking:/bookmaking vvakame/review /bin/bash  
root@94553ae01c35:/#
```



## Chapter 4

# Make your book project

You are running the Re:VIEW Docker image now. You will make a book project in the shared folder with following commands.

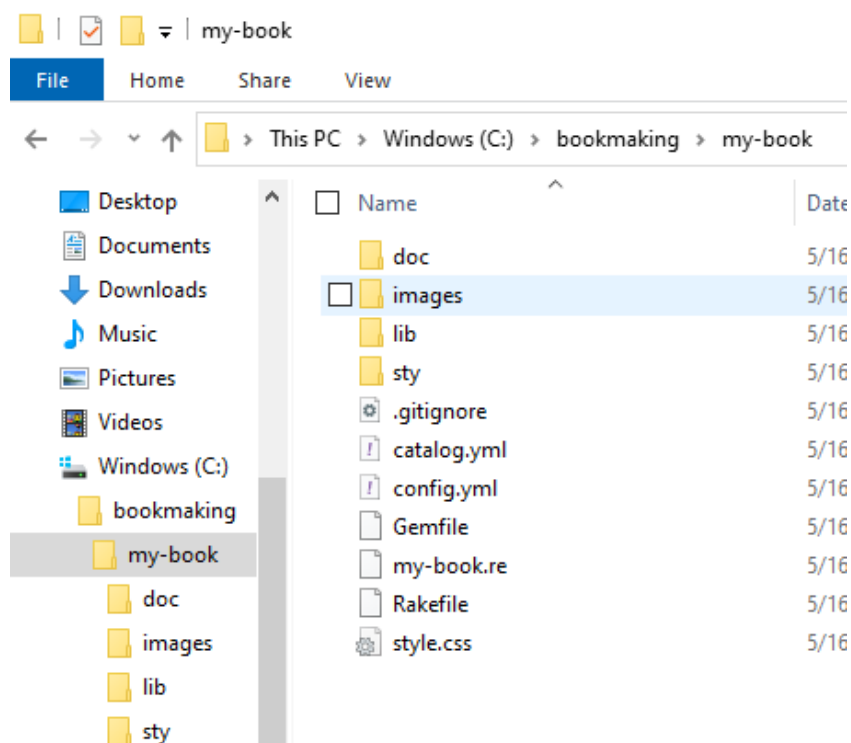
```
cd "working folder name. Ex:.\bookmaking"  
review-init "book project name. Ex.:my-book"
```

In prompt, it will be like this.

```
C:\Users>docker run -ti -v c:\bookmaking:\bookmaking vvakame/review /bin/bash  
root@504381d1b676:/# cd /bookmaking  
root@504381d1b676:/bookmaking# review-init my-book  
root@504381d1b676:/bookmaking#
```

Because the book project is created in the shared folder, you can see it from Windows Explorer like this.

## Chapter 4 Make your book project



## Chapter 5

# Make the book project

You can make your book now. For making in PDF, use following command to move into the project folder and run the book making.

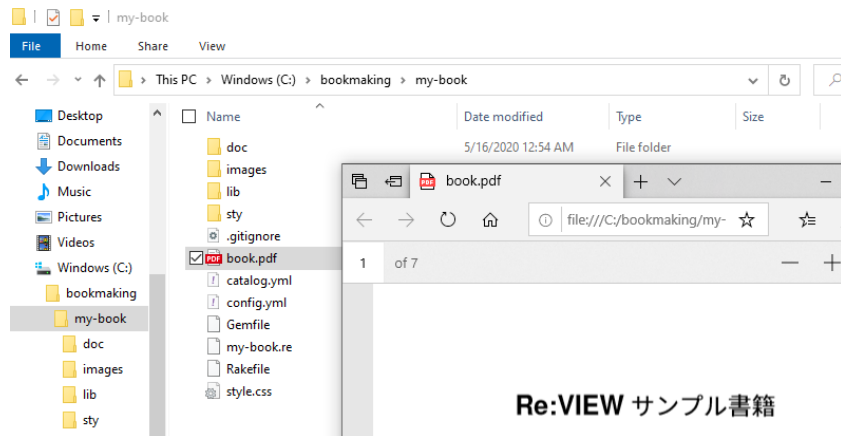
```
cd "book project name. Ex::my-book"  
review-pdfmaker config.yml
```

In prompt, it will be like this.

```
root@504381d1b676:/bookmaking# cd my-book  
root@504381d1b676:/bookmaking/my-book# review-pdfmaker config.yml  
INFO review-pdfmaker: compiling my-book.tex  
WARN review-pdfmaker: my-book.re:1: headline is empty.  
INFO review-pdfmaker: extractbb cover-a5.ai cover.jpg  
INFO review-pdfmaker: uplatex -interaction=nonstopmode -file-line-error -halt-on-error __REVIEW_BOOK__.tex  
INFO review-pdfmaker: uplatex -interaction=nonstopmode -file-line-error -halt-on-error __REVIEW_BOOK__.tex  
INFO review-pdfmaker: uplatex -interaction=nonstopmode -file-line-error -halt-on-error __REVIEW_BOOK__.tex  
INFO review-pdfmaker: dvi2pdf -d 5 -z 9 __REVIEW_BOOK__.dvi  
root@504381d1b676:/bookmaking/my-book#
```

Now, you can open the newly created PDF from Explorer.

## Chapter 5 Make the book project



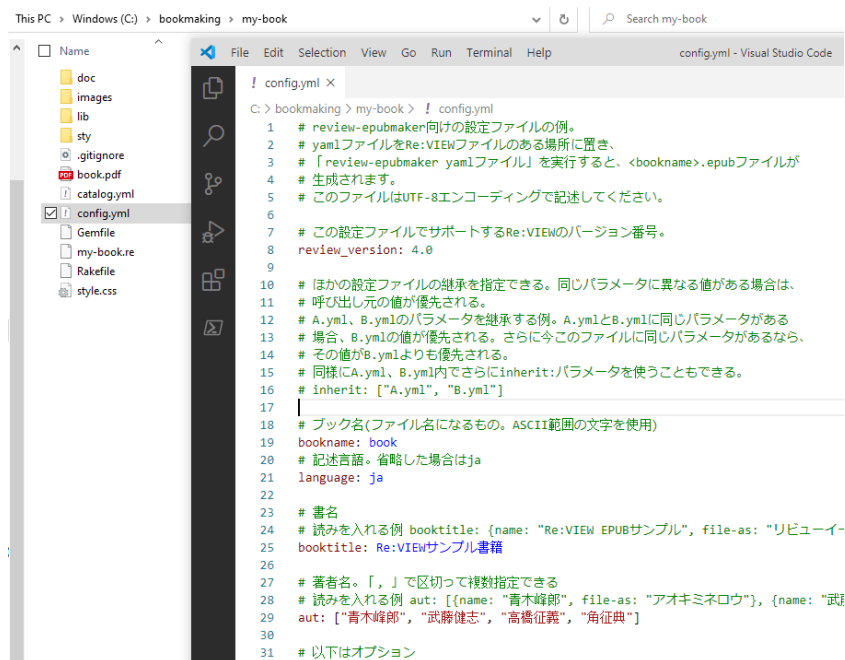
Well, it's created in the default, in Japanese!

## Chapter 6

# Adjust the project config

Because the system is for Japanese in default, let's change it to English mode. To do so, we need to edit `config.yml` file in the project folder. When you open it, it will be like this.

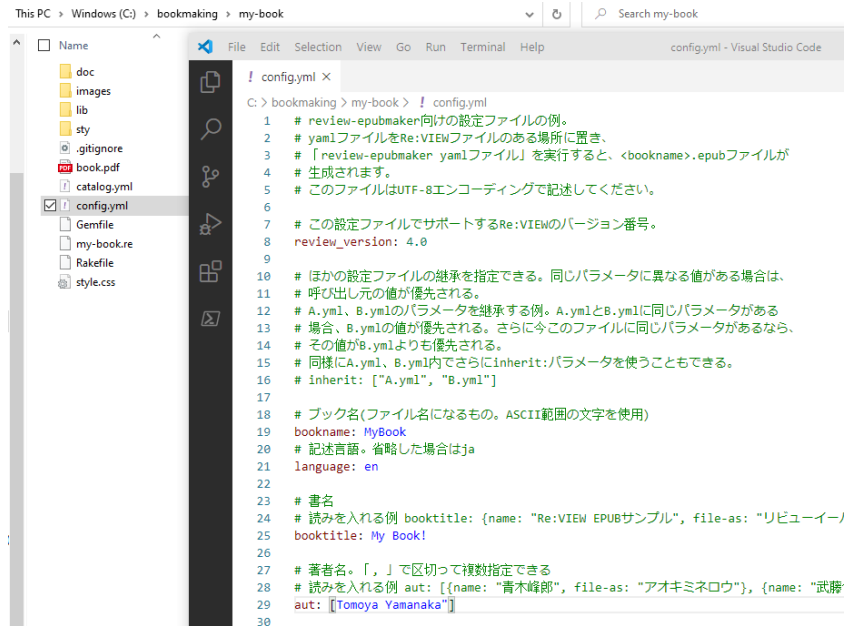
## Chapter 6 Adjust the project config



To change the language, replace ja to en after language: in line 21. To change the book file name, replace book to your preferred name “ex:: MyBook” after bookname: in line 19. To change the book title, replace Re:VIEW サンプル書籍 to your preferred title “ex:: My Book!!” after booktitle: in line 25. To change the book auther, replace [ “青木峰郎” , “武藤健志” , “高橋征義” , “角征典” ] to your name “ex:: [ “Tomoya Yamanaka” ]” after aut: in line 29. After applying all the changes, config.yml file will be like following.



## Chapter 6 Adjust the project config



The screenshot shows the Visual Studio Code editor with the file explorer on the left and the editor window on the right. The file explorer shows the project structure for 'my-book' in the 'bookmaking' directory. The 'config.yml' file is selected. The editor window displays the content of 'config.yml' with line numbers from 1 to 30. The file contains Japanese comments and YAML configuration for a book project.

```
1 # review-epubmaker向けの設定ファイルの例。
2 # yamlファイルをRe:VIEWファイルのある場所に置き、
3 # 「review-epubmaker yamlファイル」を実行すると、<bookname>.epubファイルが
4 # 生成されます。
5 # このファイルはUTF-8エンコーディングで記述してください。
6
7 # この設定ファイルでサポートするRe:VIEWのバージョン番号。
8 review_version: 4.0
9
10 # ほかの設定ファイルの継承を指定できる。同じパラメータに異なる値がある場合は、
11 # 呼び出し元の値が優先される。
12 # A.yml、B.ymlのパラメータを継承する例。A.ymlとB.ymlに同じパラメータがある
13 # 場合、B.ymlの値が優先される。さらに今このファイルに同じパラメータがあるなら、
14 # その値がB.ymlよりも優先される。
15 # 同様にA.yml、B.yml内でさらにinherit:パラメータを使うこともできる。
16 # inherit: ["A.yml", "B.yml"]
17
18 # ブック名(ファイル名になるもの。ASCII範囲の文字を使用)
19 bookname: MyBook
20 # 記述言語。省略した場合はja
21 language: en
22
23 # 書名
24 # 読みを入れる例 booktitle: {name: "Re:VIEW EPUBサンプル", file-as: "リビューイーノ"}
25 booktitle: My Book!
26
27 # 著者名。「,」で区切って複数指定できる
28 # 読みを入れる例 aut: [{name: "青木峰郎", file-as: "アオキミネロウ"}, {name: "武勝
29 aut: [{"Tomoya Yamanaka"}]
```

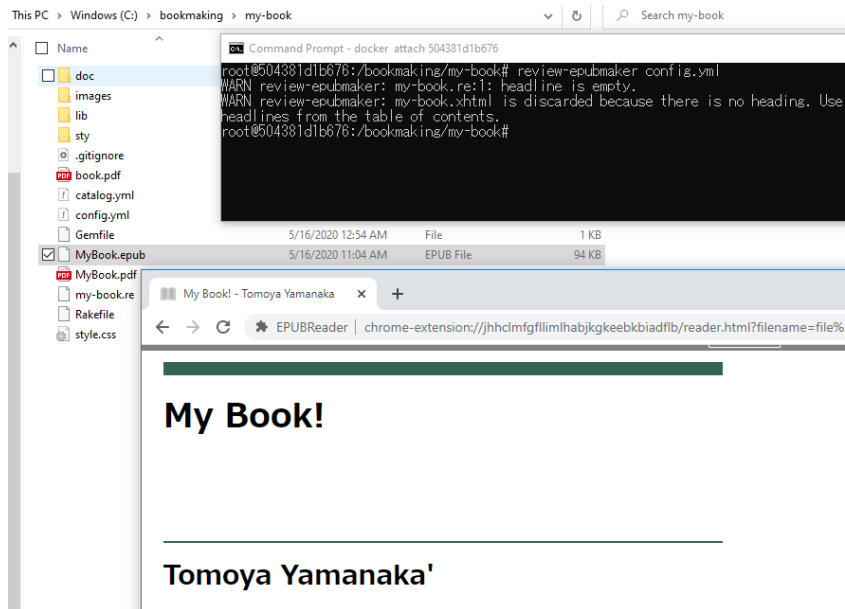
Let's run review-pdfmaker config.yml command again to see your book PDF!



## Chapter 6 Adjust the project config

```
review-epubmaker config.yml
```

The created EPUB file is like this.



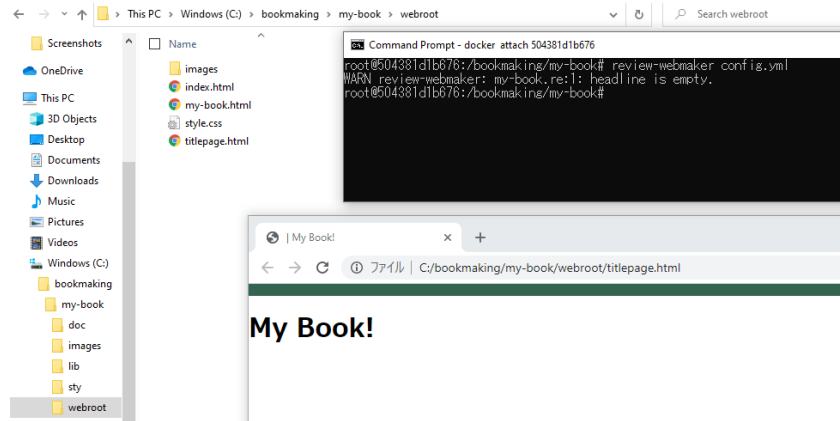
For HTML, the command is this.

```
review-webmaker config.yml
```

The created HTML files are generated in webroot folder. And it's

## Chapter 6 Adjust the project config

like this.

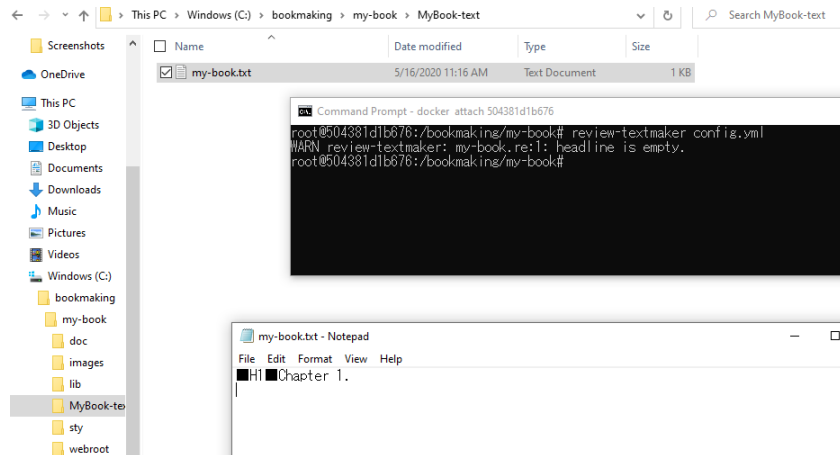


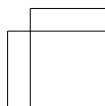
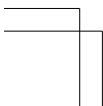
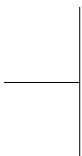
For Text, the command is this.

```
review-textmaker config.yml
```

The created text files are in “book file name”-text folder Ex::MyBook-text. And it’ s like this.

## Chapter 6 Adjust the project config

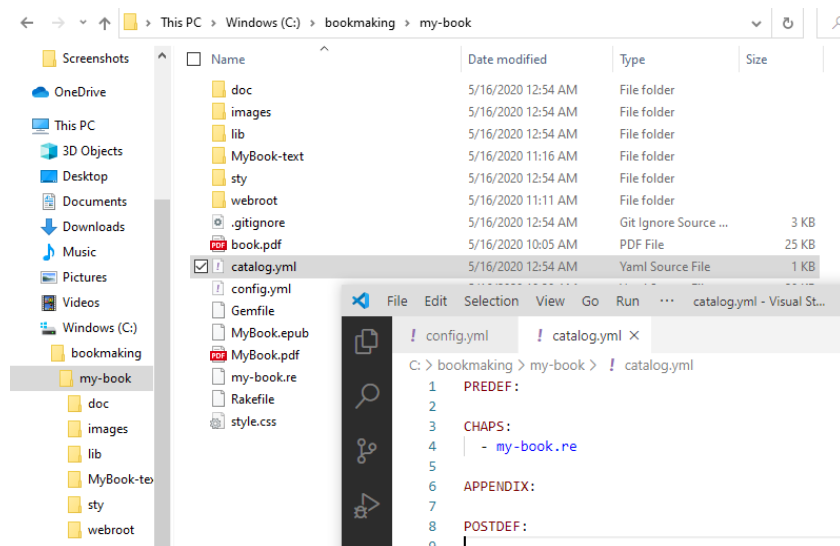




## Chapter 7

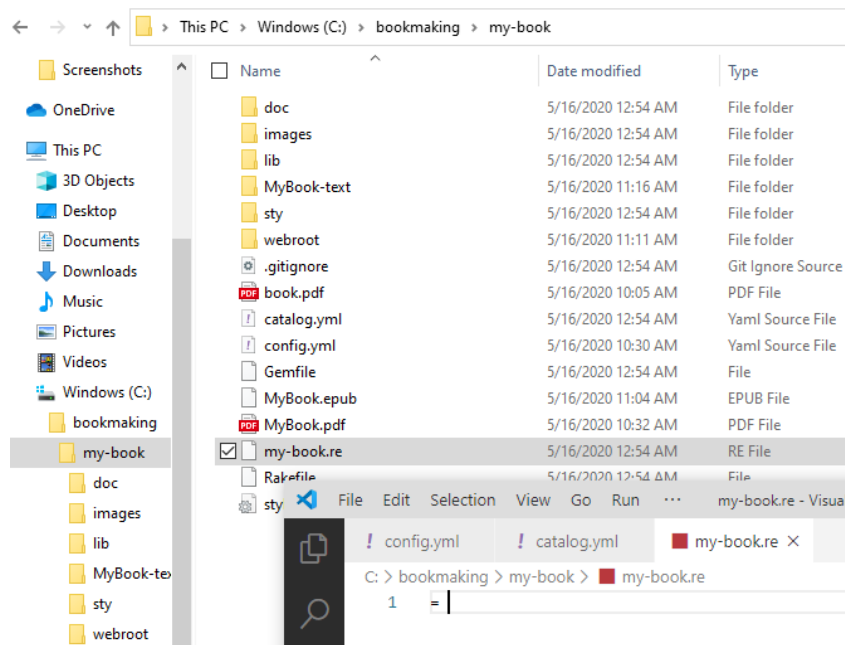
# Add the project content

We now know how to generate book files, but the content is nothing yet. Let's add it! To add book content, open the `catalog.yml` file in the project folder. It will be like this.



## Chapter 7 Add the project content

In default, only “book project name”.re is defined in CHAPS: which means chapter. In the example above, my-book.re is the only defined content. It’s content is this.



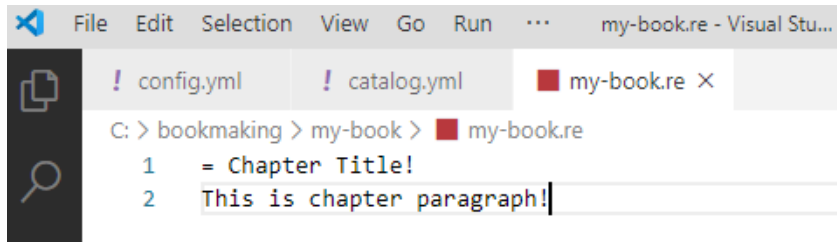
The content is only “= “. Let’s change it like following.

```
= Chapter Title
This is chapter paragraph!
```

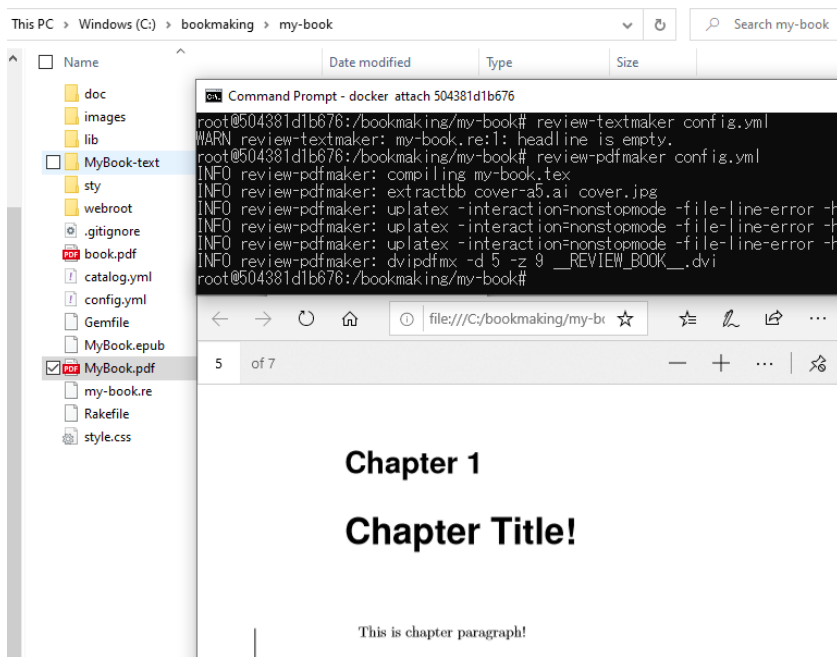
It will be like this.



## Chapter 7 Add the project content



Then, make the PDF again and check the content.



The modification in my-book.re is applied as the update of Chapter 1.

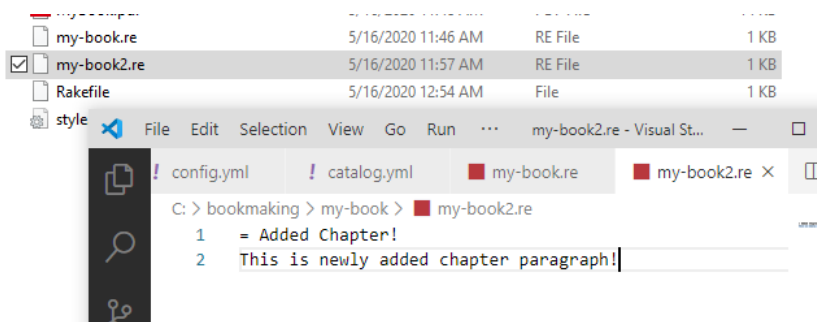
## Chapter 7 Add the project content

---

As next step, let's make "book project name" 2.re ex::my-book2.re file and set the content like following.

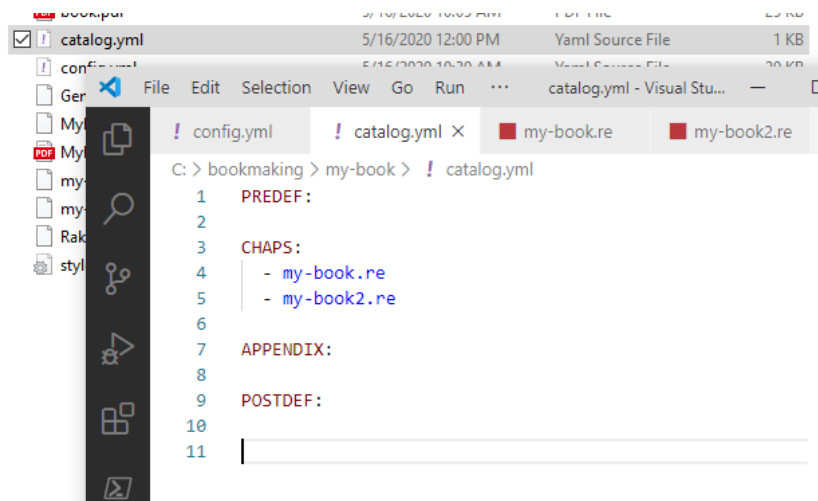
```
= Added Chapter!  
This is newly added chapter paragraph!
```

It will be like this.



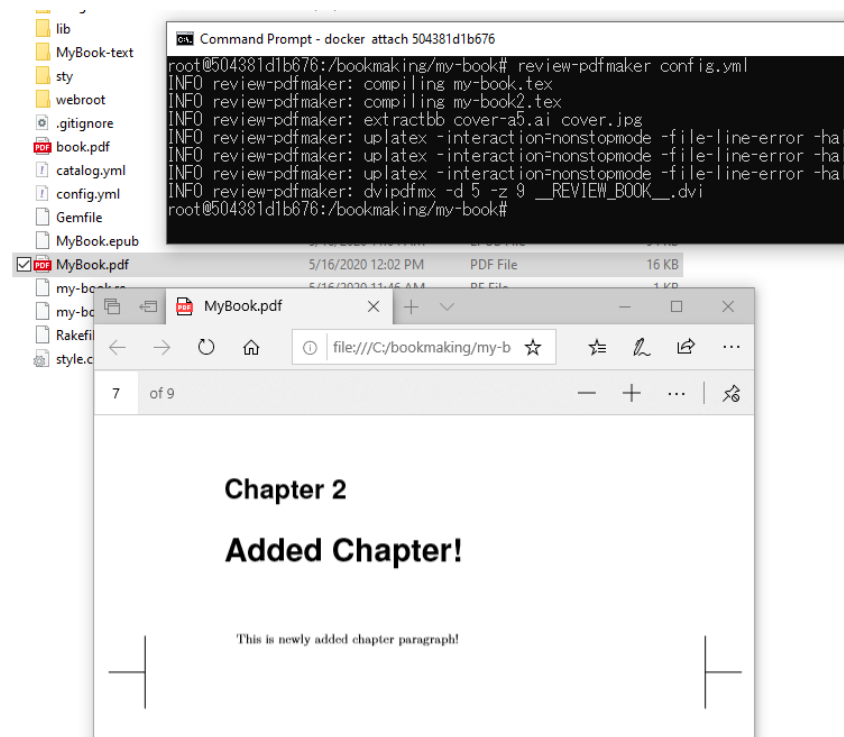
And add the file name into `catalog.yml` CHAPS: section. It will be like this.

## Chapter 7 Add the project content



Note that there is " - " before the file name. It is also needed. Then again, make the PDF again and check the content.

## Chapter 7 Add the project content



Now, new chapter is added.

## Chapter 8

# Decorating the chapters with Re:VIEW markup

To edit the chapters as you want, we need to learn Re:VIEW markup with following official guide page.

Re:VIEW Format Guide

As a example, Let' s convert this page first chapter into Re:VIEW one chapter. To do so, first, we make a new .re file and add it into catalog.yml. It will be like this.

## Chapter 8 Decorating the chapters with Re:VIEW markup

is PC > Windows (C:) > bookmaking > my-book

The screenshot shows a file explorer window for the directory 'C:\bookmaking\my-book'. The file list includes folders like 'doc', 'images', 'lib', 'MyBook-text', 'sty', 'webroot' and files like '.gitignore', 'book.pdf', 'catalog.yml', 'config.yml', 'Gemfile', 'MyBook.epub', 'MyBook.pdf', 'my-book.re', 'my-book2.re', 'Pullingtheimage.re', 'Rakefile', and 'style.css'. The 'catalog.yml' file is selected. Overlaid on this is a code editor window showing the content of 'catalog.yml'. The editor has a menu bar with 'File', 'Edit', 'Selection', 'View', 'Go', 'Run', and '...'. The file content is as follows:

```
1  PREDEF:
2
3  CHAPS:
4    - Pullingtheimage.re
5    - my-book.re
6    - my-book2.re
7  APPENDIX:
8
9  POSTDEF:
10
```

I added Pullingtheimage.re file and inserted the 4th line into catalog.yml.

Second, set the content of Pullingtheimage.re file like following.

## Chapter 8 Decorating the chapters with Re:VIEW markup

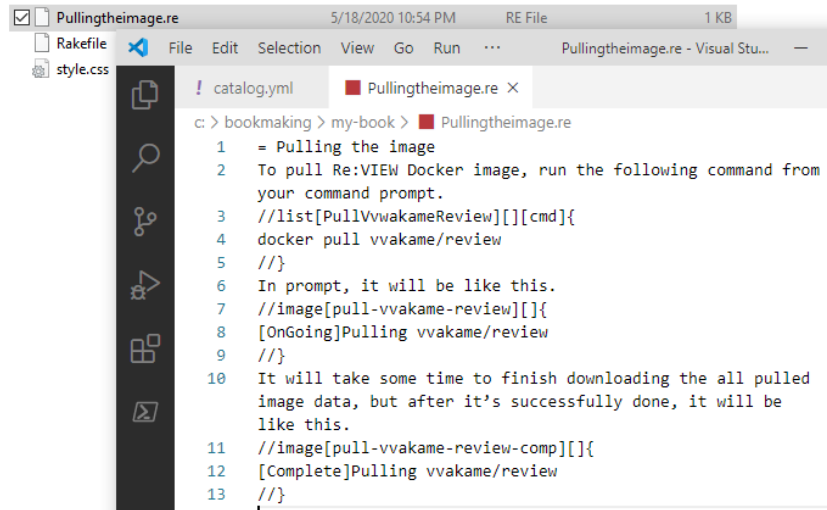
---

```
= Pulling the image
To pull Re:VIEW Docker image, run the following command from your command prompt.
//list[PullVvvakameReview][][cmd]{
docker pull vvakame/review
//}
In prompt, it will be like this.
//image[pull-vvakame-review][]{
[OnGoing]Pulling vvakame/review
//}
It will take some time to finish downloading the all pulled image data, but after it's
successfully done, it will be like this.
//image[pull-vvakame-review-comp][]{
[Complete]Pulling vvakame/review
//}
```

\*Note: The example code above might have a space in each line. It's to avoid the example to be processed by Re:VIEW. When you try the example, you need to remove the spaces.

It will be like this.

## Chapter 8 Decorating the chapters with Re:VIEW markup



The screenshot shows a Visual Studio Code editor window with the file 'Pullingtheimage.re' open. The file is a Re:VIEW catalog entry for a chapter titled 'Pulling the image'. The catalog entry includes a list of commands to pull Docker images and a description of the process. The editor window has a sidebar on the left with icons for Explorer, Search, Source Control, Run and Debug, and Extensions. The top of the window shows the file name, date and time (5/18/2020 10:54 PM), and file type (RE File). The menu bar includes File, Edit, Selection, View, Go, Run, and a dropdown menu. The file explorer on the left shows 'Rakefile' and 'style.css'.

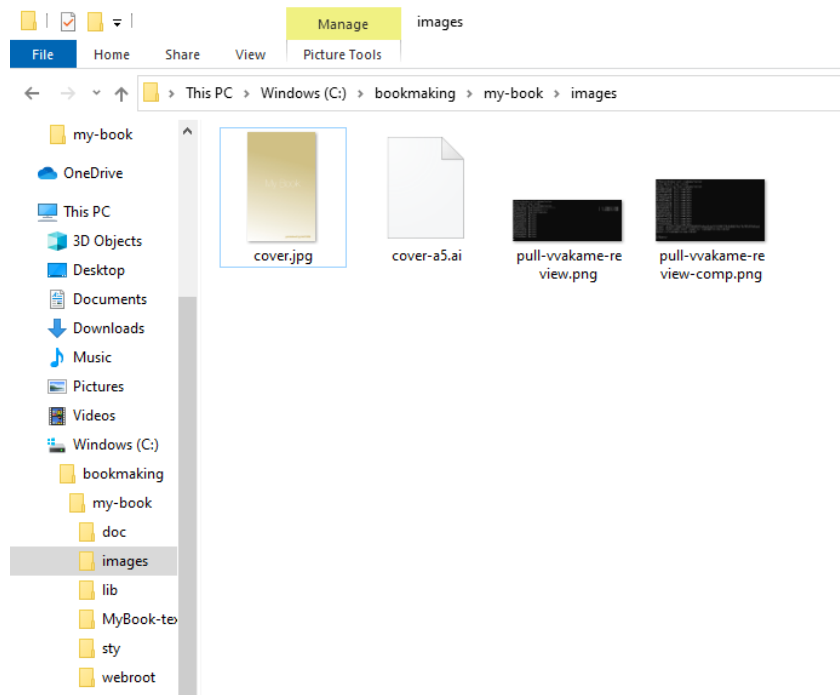
```
c: > bookmaking > my-book > Pullingtheimage.re
1  = Pulling the image
2  To pull Re:VIEW Docker image, run the following command from
   your command prompt.
3  //list[PullVvakameReview][][cmd]{
4  docker pull vvakame/review
5  //}
6  In prompt, it will be like this.
7  //image[pull-vvakame-review][]{
8  [OnGoing]Pulling vvakame/review
9  //}
10 It will take some time to finish downloading the all pulled
   image data, but after it's successfully done, it will be
   like this.
11 //image[pull-vvakame-review-comp][]{
12 [Complete]Pulling vvakame/review
13 //}
...
```

It has 2 Re:VIEW markups, `//list` and `//image`. Please check the detail in the official document page. Last, we need to place the picture files in to images folder in the book project. We can place the picture files. We can place the files in the images folder directory like this. You will notice that the folder has pictures for the book cover as default.



## Chapter 8 Decorating the chapters with Re:VIEW markup

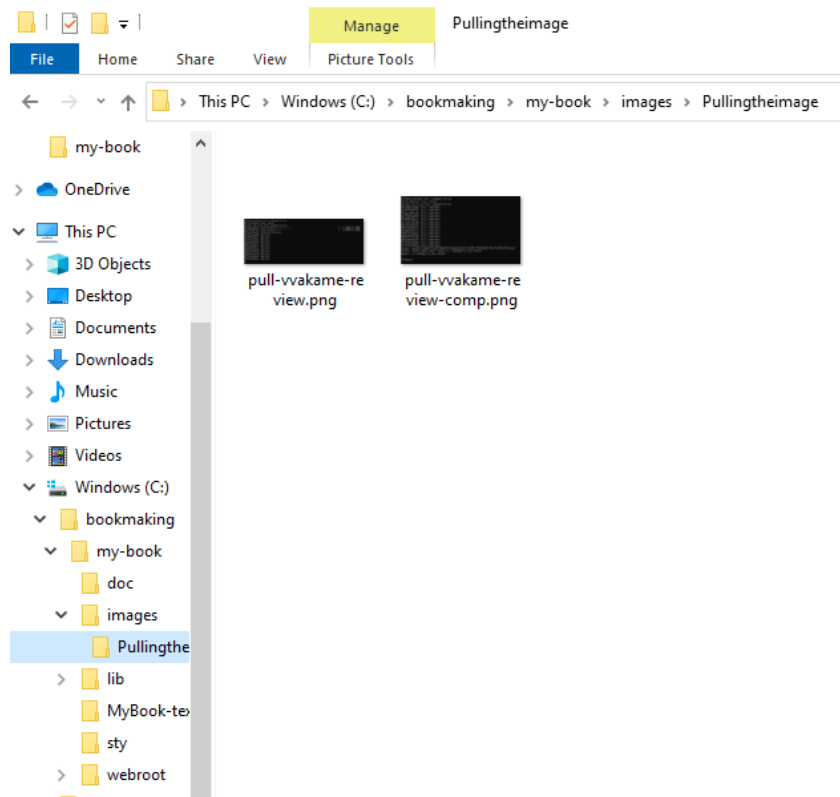
---



To manage lots of pictures, you can make the chapter file name folder and place files in it. It will be like this. Re:VIEW system automatically retrieve the picture files and compile into one book file.

## Chapter 8 Decorating the chapters with Re:VIEW markup

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With this knowledge, you can make your own EPUB/PDF file which you can use to sell in ebook market. Have a good ebook author life!!

The page features decorative corner elements consisting of thin black lines. In the top-left and top-right corners, there are L-shaped lines. In the bottom-left and bottom-right corners, there are more complex line structures resembling stylized brackets or corner reinforcements. A single vertical line is centered at the top, and a single horizontal line is centered at the bottom.

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Author Tomoya Yamanaka

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