Bib2Book – A program to put your bibliographies together

WANG Hailin*

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1 Installation

`Bib2Book` is a program to put your bibliographies together.

1.1 Requirements

Before installtion, some necessary environments are needed.

Cormorant Garamond Font   The program uses the `Cormorant Garamond` font. Unzip the release file, install fonts inside the `fonts/cormorant-garamond` directory.

The LaTeX Environment   The program uses LaTeX to generate files, so you need to install one of the LaTeX distributions: TeX Live (recommended), CTEX. Check if the environment variables are configured correctly.

1.2 Installation

Unzip the release file, click `Bib2Book_Setup.exe` to install, follow the instructions to finish the installation.

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*Tongji University, School of Civil Engineering, Department of Geotechnical Engineering, Github: `https://github.com/Hailin-Jing`, Homepage: `https://hailin.blog`

2 Usage

The program's interface is shown in Figure **??**.

2.1 Interface
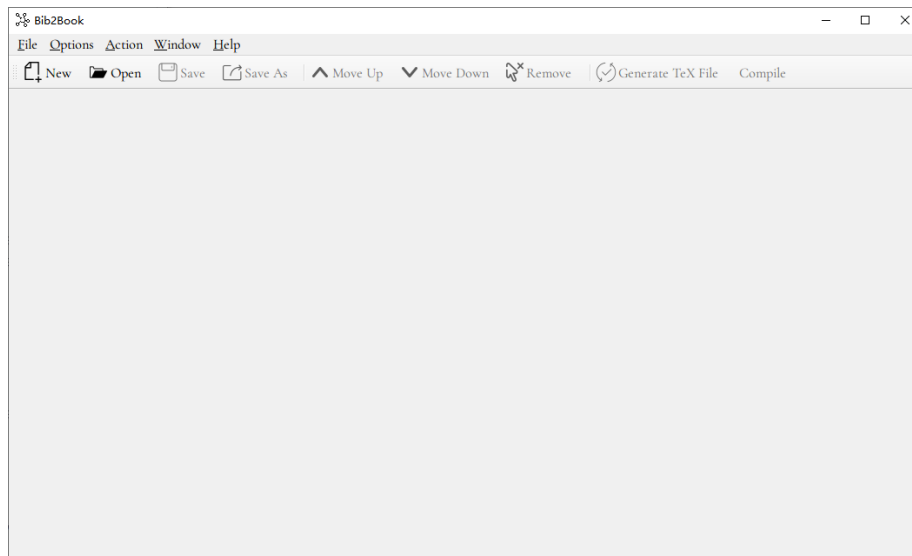

Figure 1: The program's interface

2.2 Create a Project

Click `New` button in the toolbar or in the `File` menu, and click `Save` button to save the project file, the name of the project file is ended by `.b2b`. Once the project file is saved successfully, next time you can just double-click the file or drag the file to the `Bib2Book` window or click the `Open` button to open it.

2.3 Provide your book information

Input the title, Authors, and footnote which will appear on the cover page, and provide documents that you want to add to the book. Double-click the `PDF` file to add it to your document-list, and you can define a label for each document and it will appear on the contents page to emphasize what this document is mainly about, the default value is a sorted number. Also, you can drag your `PDF` files in your explorer to the document-list section. You can click the `Move Up`, `Move Down`, and `Remove` button to manage your document-list.
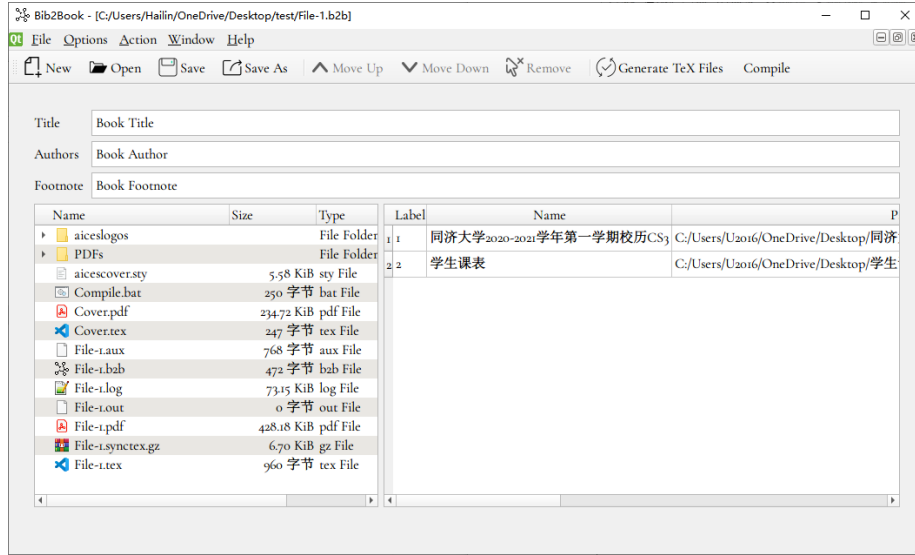
Figure 2: Provide your book information

3 Generate your book file

Once you finish managing your document-list of your book, you can click the `Generate TeX file` button to generate TEXfiles of your book. Then click `Compile` button to compile it to `PDF` file, you must install one of the LATEX distributions to finish this step. When finished, the directory of the `PDF` will be opened automatically.

4 Project file

This the format of the `Bib2Book` project file. You can simply write the `.b2b` file according to this format and change the suffix to `.b2b`.

```
1  ******************** Titlepage Information *******************
2  Title      = Book Title
3  Author     = Book Author
4  Ack        = Book Footnote
5
6  ***************** Biblipgraphies Information *****************
7  // The symbol ``#'' indicates that this line is a record line.
8       && Label   && Name   && Path // Header
9   #   && Label-1 && Name-1 && Path-1
10  #   && Label-2 && Name-2 && Path-2
11  #   ...
```

5 TEX files

This is the TEX files the program generated.

Cover TEX File:

```latex
% Cover TeX file
\documentclass{article}

\usepackage{aicescover}
\usepackage{xeCJK}
\usepackage{hyperref}

\begin{document}

    \aicescovertitle{Book Title}
    \aicescoverauthor{Book Author}
    \aicescoverack{Book Footnote}

    \aicescoverpage
\end{document}
```

Main TEX File:

```latex
% Main TeX file
\documentclass[12pt]{book}

\usepackage{pdfpages}
\usepackage{hyperref}
\usepackage{xeCJK}
\usepackage{xcolor}
\usepackage[top=2cm, bottom=2cm, left=4cm, right=3cm]{geometry}
\pagestyle{empty}

\tolerance=1
\emergencystretch=\maxdimen
\hyphenpenalty=10000
\hbadness=10000

\begin{document}

    \includepdf{Cover.pdf}
    \cleardoublepage

    \begin{center}
        \bfseries\centering\Large Table of Contents
    \end{center}
    \par

    \begin{itemize}
```

```
27          \item[\textcolor{red}{Label-1}] Name-1 \hfill\textcolor
               {red}{\pageref{bib:1}}
28          \item[\textcolor{red}{Label-2}] Name-2 \hfill\textcolor
               {red}{\pageref{bib:2}}
29      \end{itemize}
30      \cleardoublepage
31
32      \includepdfset{pagecommand={\thispagestyle{headings}}}
33      \setcounter{page}{1}
34
35      \label{bib:1}
36      \includepdf[pages=1-last]{PDFs/PDF-name-1.pdf}
37      \label{bib:2}
38      \includepdf[pages=1-last]{PDFs/PDF-name-2.pdf}
39
40  \end{document}
```

6   Notes

Some notes should be noted. You can find the PDF book in

- You can only choose PDF files.

- Some PDF files that downloaded from cnki may be encrypted, errors may occur when compiling or blank page may appear in the PDF file.

7   Example

This is a example of .b2b file.

```
1   ******************** Titlepage Information *******************
2   Title    = 304dB TC304 database:\\ Multivariate soil/rock
       property databases
3   Author   = Jianye Ching \and Kok-Kwang Phoon \and Marco
       DIgnazio \and Tim Tapani Länsivaara \and Guojun Cai \and
       Jianliang Chen\and Shuyin Feng \and Paul Vardanega \and
       Monica Löfman\and Leena Korkiala-Tanttu \and Dongming Zhang
       \and Yelu Zhou\and Hongwei Huang
4   Ack      = TC304 Engineering Practice of Risk Assessment \&
       Management \\\url{http://140.112.12.21/issmge/tc304.htm?}
5
6   **************** Biblipgraphies Information ****************
7        && Label && Name && Path
8    #   && CLAY/5/345 && \textcolor{blue}{Ching2012}-Modeling
          parameters of structured clays as a multivariate normal
          distribution && C:/Users/Hailin/OneDrive/Documents/GitHub/
          Bib2Book/release/documentation/example/Ching2012-Modeling
```

```
         parameters of structured clays as a multivariate normal
         distribution.pdf
 9   #   && CLAY/6/535 && \textcolor{blue}{Ching2014}-Modeling
         piezocone cone penetration (CPTU) parameters of clays as a
          multivariate normal distribution && C:/Users/Hailin/
         OneDrive/Documents/GitHub/Bib2Book/release/documentation/
         example/Ching2014-Modeling piezocone cone penetration (
         CPTU) parameters of clays as a multivariate normal
         distribution.pdf
10   #   && CLAY10/7490 && \textcolor{blue}{Ching2014}-
         Transformations and correlations among some clay
         parameters - the global database && C:/Users/Hailin/
         OneDrive/Documents/GitHub/Bib2Book/release/documentation/
         example/Ching2014-Transformations and correlations among
         some clay parameters - the global database.pdf
11   #   && CLAY10/7490 && \textcolor{blue}{Ching2014}-Correlations
          among some clay parameters - the multivariate
         distribution && C:/Users/Hailin/OneDrive/Documents/GitHub/
         Bib2Book/release/documentation/example/Ching2014-
         Correlations among some clay parameters - the multivariate
          distribution.pdf
12   #   && F-CLAY/7/216 && \textcolor{blue}{D'Ignazio2016}-
         Correlations for undrained shear strength of Finnish soft
         clays && C:/Users/Hailin/OneDrive/Documents/GitHub/
         Bib2Book/release/documentation/example/D'Ignazio2016-
         Correlations for undrained shear strength of Finnish soft
         clays.pdf
13   #   && S-CLAY/7/168 && \textcolor{blue}{D'Ignazio2016}-
         Correlations for undrained shear strength of Finnish soft
         clays && C:/Users/Hailin/OneDrive/Documents/GitHub/
         Bib2Book/release/documentation/example/D'Ignazio2016-
         Correlations for undrained shear strength of Finnish soft
         clays.pdf
14   #   && J-CLAY/5/124 && \textcolor{blue}{Liu2016}-Multivariate
         correlation among resilient modulus and cone penetration
         test parameters of cohesive subgrade soils && C:/Users/
         Hailin/OneDrive/Documents/GitHub/Bib2Book/release/
         documentation/example/Liu2016-Multivariate correlation
         among resilient modulus and cone penetration test
         parameters of cohesive subgrade soils.pdf
15   #   && SAND/7/2794 && \textcolor{blue}{Ching2017}-
         Transformation models for effective friction angle and
         relative density calibrated based on generic database of
         coarse-grained soils && C:/Users/Hailin/OneDrive/Documents
         /GitHub/Bib2Book/release/documentation/example/Ching2017-
         Transformation models for effective friction angle and
         relative density calibrated based on generic database of
         coarse-grained soils.pdf
16   #   && ROCK/9/4069 && \textcolor{blue}{Ching2018}-Generic
         transformation models for some intact rock properties && C
```

```
         :/Users/Hailin/OneDrive/Documents/GitHub/Bib2Book/release/
         documentation/example/Ching2018-Generic transformation
         models for some intact rock properties.pdf
17   #  && FG-KSAT/6/1358 && \textcolor{blue}{Feng2019a}-A
         database of saturated hydraulic conductivity of fine-
         grained soils- probability density functions && C:/Users/
         Hailin/OneDrive/Documents/GitHub/Bib2Book/release/
         documentation/example/Feng2019a-A database of saturated
         hydraulic conductivity of fine-grained soils- probability
         density functions.pdf
18   #  && FG-KSAT/6/1358 && \textcolor{blue}{Feng2019b}-Full
         AccessCorrelation of the hydraulic conductivity of fine-
         grained soils with water content ratio using a database &&
          C:/Users/Hailin/OneDrive/Documents/GitHub/Bib2Book/
         release/documentation/example/Feng2019b-Full
         AccessCorrelation of the hydraulic conductivity of fine-
         grained soils with water content ratio using a database.
         pdf
19   #  && ROCKMass/9/5876 && \textcolor{blue}{Ching2020}-Quasi-
         site-specific prediction for deformation modulus of rock
         mass && C:/Users/Hailin/OneDrive/Documents/GitHub/Bib2Book
         /release/documentation/example/Ching2020-Quasi-site-
         specific prediction for deformation modulus of rock mass.
         pdf
20   #  && SH-CLAY/11/4051 && \textcolor{blue}{Zhang2020}-
         Multivariate probability distribution of shanghai clay
         properties && C:/Users/Hailin/OneDrive/Documents/GitHub/
         Bib2Book/release/documentation/example/Zhang dongming
         2020-Multivariate probability distribution of shanghai
         clay properties.pdf
```