Bib2Book – A program to put your bibliographies together*

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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 LaTeXEnvironment The program uses LaTeX to generate files, so you need to install one of the LaTeXdistributions: 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.

*Project link: https://github.com/Hailin-Jing/Bib2Book

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2 Usage

The program's interface is shown in Figure 1.

2.1 Interface

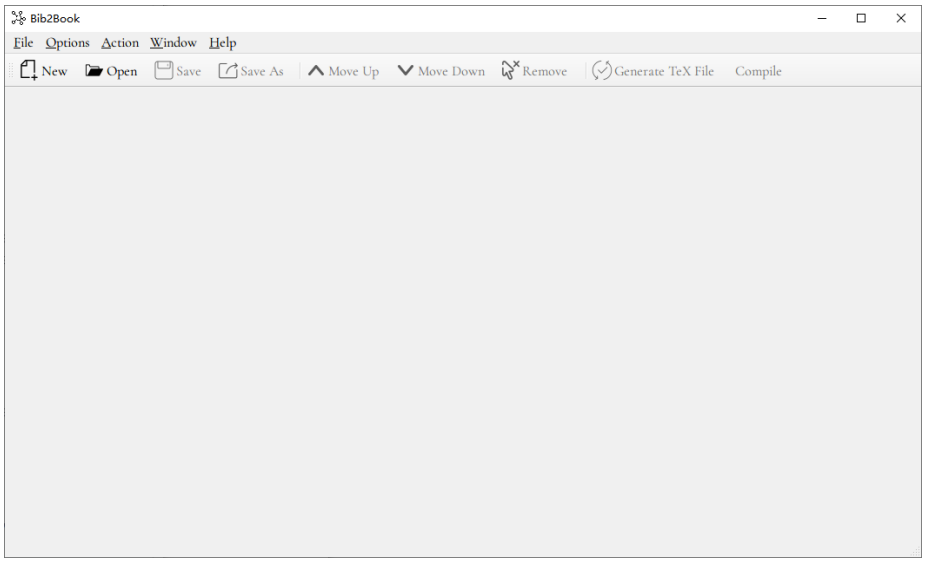

Figure 1: The program's interface

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.

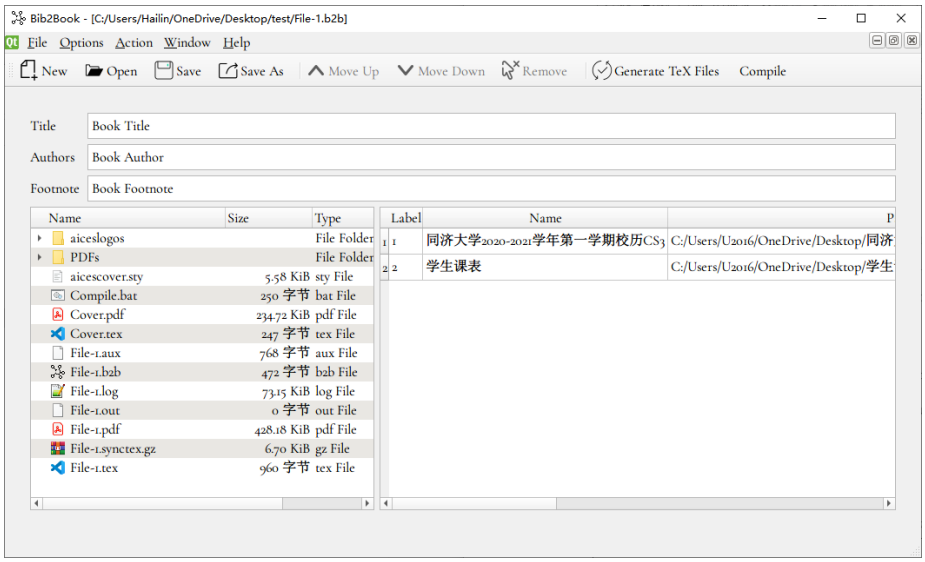

Figure 2: Provide your book information

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 The 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`.

```
******************** Titlepage Information ******************
Title       = Book Title
Author      = Book Author
Ack         = Book Footnote

***************** Biblipgraphies Information *****************
// The symbol ``#'' indicates that this line is a record line.
      && Label    && Name    && Path // Header
  #   && Label-1  && Name-1  && Path-1
  #   && Label-2  && Name-2  && Path-2
  #   ...
```

5 TEX files

This is the TEX files the program generated.

Cover TEX File:

```
% 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:

```
% 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}
```

```
        \item[\textcolor{red}{Label-1}] Name-1 \hfill\textcolor
            {red}{\pageref{bib:1}}
        \item[\textcolor{red}{Label-2}] Name-2 \hfill\textcolor
            {red}{\pageref{bib:2}}
    \end{itemize}
    \cleardoublepage

    \includepdfset{pagecommand={\thispagestyle{headings}}}
    \setcounter{page}{1}

    \label{bib:1}
    \includepdf[pages=1-last]{PDFs/PDF-name-1.pdf}
    \label{bib:2}
    \includepdf[pages=1-last]{PDFs/PDF-name-2.pdf}

\end{document}
```

6 Notes

Some notes should be pointed out.

- 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 a `.b2b` file. You can find the project in here.

```
******************** Titlepage Information ******************
Title       = 304dB TC304 database:\\ Multivariate soil/rock
    property databases
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
Ack         = TC304 Engineering Practice of Risk Assessment \&
    Management \\\url{http://140.112.12.21/issmge/tc304.htm?}

***************** Biblipgraphies Information *****************
     && Label && Name && Path
  #  && 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
#   && 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
#   && 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
#   && 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
#   && 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
```