

md-book-with-docraptor

A node.js app to convert markdown files to a single webpage as well as two PDFs (content and cover) using DocRaptor

Text Stefan Brechbühl
Images Screenshots
Process Markdown → HTML → PDF
Print Name of the printing company

Website stebre.ch

Install

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Create a directory and navigate to it:

```
mkdir md-book-with-docraptor  
cd md-book-with-docraptor
```

Download this repository to the new created directory:

```
git clone https://github.com/stebrech/  
md-book-with-docraptor .
```

Install all the dependencies using your favorite package manager:

```
npm install
```

or

```
yarn
```

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Markdown Files

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Add your markdown files within the `src` folder. The name of the files are not used in the output but need to be named to represent the correct order. Therefore you could name the files `chapter01.md`, `chapter02.md` and so on.

Headings

The book title uses a heading 1 and the subtitle a paragraph tag. Each markdown file will be put in a section tag. For semantic reasons and because of

the default styles you should begin each markdown file with a heading 2 and use it only once for each chapter.

Manual page break

The horizontal rule element (`<hr>` ; markdown syntax `***`) is “misused” to create a manual page or column break. It is set to not visible either for screen and print.

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Metadata

We need some overall metadata which is placed in a json file called `metadata.json` as well directly in the `src` folder.

The following keys are expected:

```
{
  "title": "md-book-with-docraptor",
  "subtitle": "A node.js app to convert
markdown to PDF using Docraptor",
  "imprint": [
    { "label": "Text", "value": "Stefan
Brechtbühl" },
    { "label": "Images", "value":
"Screenshots" },
    {
      "label": "Process",
      "value": "Markdown → HTML → PDF"
    }
  ]
}
```

```
{
  "label": "Print",
  "value": "Name of the printing
company"
},
{
  "label": "Website",
  "value": "<a
href='https://stebre.ch'>stebre.ch</a>"
}
],
"cover_img": "assets/images/cover.png",
"imprint_img": "assets/images/
cover-photo.png",
"excerpt": "The excerpt is a short
description of the book. It is used on the
back cover and as meta description."
}
```

DocRaptor Key


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I recommend to put the value of the `user_credentials` not directly into `docraptor.js`.


You should do the following:


1. If you not already opened a DocRaptor account, let's do that.
2. Copy your API key.
3. Add a new file called `.env` into your root folder.
4. Write `DOCRAPTOR_KEY=` and then paste your API key.
5. Save the file.

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 **DocRaptor**

Document HistorySettingsPlan & PaymentDocumentation & Support ▾Logout

 Document Log

 Usage

Your API Key:

 11/27/2023 - 12/27/2023 ▾

Status	Type	Name	ID	Date
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Screenshot of the DocRaptor account page, showing where you can find the API key.

Use the scripts

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There are two scripts in this repository:

1. `md2html.js` creates a html of the content and the cover. Of both there will be an additional version which includes the assets (styles, images) inline.
2. `docraptor.js` sends two requests to Docraptor. One with `content-inline.html`, the other with `cover-inline.html`.

To run the scripts you need to write

- `npm html` / `yarn html` or
- `npm pdf` / `yarn pdf`

in the terminal.

If you want to run both with one command, use:

```
npm start
```

or

```
yarn start
```

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Adjust the styles

Within the `general.css` file, there are some css variables you can modify or adjust the styles elsewhere to fit your needs.

Full page images

The print styles make all images in the book to be placed on a separate page.