

pdfkit-commonmark

Allows users of [pdfkit](#) to render commonmark style markdown into their document (see [usage/code](#)).

Renders [commonmark](#) style markdown to pdf (see [usage/cli](#)).

Info

It relies on the [abstract syntax tree created by the commonmark parser](#) to create a custom renderer using [pdfkit](#). To facilitate unit testing, the AST gets transformed into an intermediate (testable) list of operations which will finally be transformed into pdfkit api calls.

The [PDF version](#) of this README has been created using the pdfkit-commonmark cli script.

Install

Installation uses the npm package manager. Just type the following command after installing npm.

```
npm install --save pdfkit-commonmark
```

Supported markdown features

Paragraphs

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Headers (level 3)

Level 4

Level 5

Emphasize, Strong and Links

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Softbreaks (compare pdf with markdown source)

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Linebreaks (two spaces at the end of the line)

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Horizontal rules

Lists

- paragraphs
- headers
- inline formatting
 1. emphasize
 2. strong
 3. links
- softbreaks
- explicit linebreaks
- horizontal rules
- lists, including **multi-line** with *formatting* and [links](#)
- and last but not least
 1. nested lists
 2. and ordered lists

Unsupported markdown features

This renderer currently does **not** support:

- block quotes
- images
- html
- tables

Pull requests to fill in these features are welcome.

Usage

CLI

```
pdfkit-commonmark <inputFile> [<outputFile>]
```

Code

```
import commonmark from 'commonmark';
import CommonmarkPDFRenderer from 'pdfkit-commonmark';
import PDFDocument from 'pdfkit';

// get parser instance
const reader = new commonmark.Parser();

// parse input
const parsed = reader.parse('This is markdown formatted text.');
```

```
// get pdf renderer instance
const writer = new CommonmarkPDFRenderer();

// create pdf document
const doc = new PDFDocument();

// write pdf to some file in the current directory
doc.pipe(fs.createWriteStream(__dirname + '/test.pdf'));

// render parsed markdown to pdf
writer.render(doc, parsed);

// end the document
doc.end();
```

Dependencies

commonmark and pdfkit are marked as peerDependencies. Technically you would not need either of them for this module to work properly. But it would be pretty pointless to do so.