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	fchasen Merge pull request #1180 fr... ..	on Mar 9	🕒 1,263
📁	documentati...	Change Book.coverUrl to retur...	12 months ago
📁	examples	Fullscreen flag for scrolled-do...	10 months ago
📁	src	Move mime.js to utils, remove ...	2 months ago
📁	test	WIP: Update to Webpack 4 an...	11 months ago
📁	types	Merge pull request #1140 from...	2 months ago
📄	.babelrc.json	WIP: Update to Webpack 4 an...	11 months ago
📄	.eslintrc.js	Added type declarations	3 years ago
📄	.gitignore	Added type declarations	3 years ago
📄	.jshintrc	Added webpack build, karma t...	5 years ago
📄	.nojekyll	Turned of Jekyll	8 years ago
📄	.npmignore	Ignore .babelrc for npm	5 years ago
📄	.travis.yml	Clean up pageList	4 years ago
📄	.watchmanc...	added polymer/url library	5 years ago
📄	README.md	changed npm run preprocess ...	2 years ago
📄	bower.json	WIP: Update to Webpack 4 an...	11 months ago
📄	documentati...	Added pageList, initial docum...	5 years ago

About

Enhanced eBooks in the browser.

[🔗 futurepress.org](#)

#epub

📖 Readme

📜 View license

Releases 31

🏷️ v0.3.88 Latest


on Jun 30, 2020

+ 30 releases


Packages

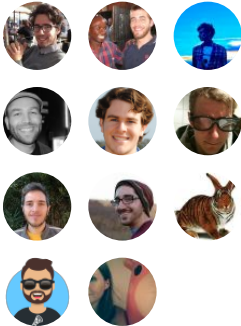
No packages published

Used by 1.3k


 + 1,259

Contributors 83


	karma.conf.js	WIP: Update to Webpack 4 an...	11 months ago
	license	Create license	8 years ago
	package-loc...	0.3.88	10 months ago
	package.json	0.3.88	10 months ago
	webpack.co...	WIP: Update to Webpack 4 an...	11 months ago



+ 72 contributors

 README.md

Epub.js v0.3

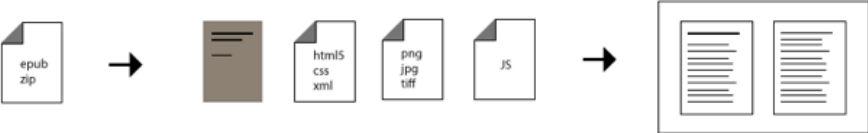
Three illustrations showing different ways an ePub document can be rendered: a two-page spread, a single page, and a two-page spread with a different layout.

Epub.js is a JavaScript library for rendering ePub documents in the browser, across many devices.


Epub.js provides an interface for common ebook functions (such as rendering, persistence and pagination) without the need to develop a dedicated application or plugin. Importantly, it has an incredibly permissive [Free BSD](#) license.

[Try it while reading Moby Dick](#)

Why EPUB

A diagram showing the process of rendering an EPUB. It starts with an 'epub zip' file icon, followed by an arrow pointing to a brown book icon. Next are icons for 'html5 css xml', 'png jpg tiff', and 'js'. A final arrow points to a two-page spread rendering of an ePub document.

Environments 1

 github-pages

Active

Languages

- JavaScript 99.8%
- Other 0.2%

The [EPUB standard](#) is a widely used and easily convertible format. Many books are currently in this format, and it is convertible to many other formats (such as PDF, Mobi and iBooks).

An unzipped EPUB3 is a collection of HTML5 files, CSS, images and other media – just like any other website. However, it enforces a schema of book components, which allows us to render a book and its parts based on a controlled vocabulary.

More specifically, the EPUB schema standardizes the table of contents, provides a manifest that enables the caching of the entire book, and separates the storage of the content from how it's displayed.

Getting Started

Get the minified code from the build folder:

```
<script src="../dist/epub.min.js"></script>
```

If using archived .epub files include JSZip:

```
<script src="https://cdnjs.cloudflare.com/ajax/libs/jszip/3.1.5/jszip.min.js"></script>
```

Set up a element to render to:

```
<div id="area"></div>
```

Create the new ePub, and then render it to that element:

```
<script>
```

```
var book = ePub("url/to/book/package.opf");
var rendition = book.renderTo("area", {width: 600});
var displayed = rendition.display();
</script>
```

Render Methods

Default

```
book.renderTo("area", { method: "default", width:
```

[View example](#)

The default manager only displays a single section at a time.

Continuous

```
book.renderTo("area", { method: "continuous", width:
```

[View example](#)

The continuous manager will display as many sections as need to fill the screen, and preload the next section offscreen. This enables seamless swiping / scrolling between pages on mobile and desktop, but is less performant than the default method.

Flow Overrides

Auto (Default)

```
book.renderTo("area", { flow: "auto", width:
"900", height: "600" });
```

Flow will be based on the settings in the OPF, defaults to paginated .

Paginated

```
book.renderTo("area", { flow: "paginated", width:
```

[View example](#)

```
Scrolled: book.renderTo("area", { flow: "scrolled-
doc" });
```

[View example](#)

Documentation

API documentation is available at epubjs.org/documentation/0.3/

A Markdown version is included in the repo at [documentation/API.md](https://github.com/futurepress/epub.js/blob/master/documentation/API.md)

Running Locally

install [node.js](#)

Then install the project dependences with npm

```
npm install
```

You can run the reader locally with the command

```
npm start
```

Examples

- [Spreads](#)
- [Scrolled](#)
- [Swipe](#)
- [Input](#)
- [Highlights](#)

[View All Examples](#)

Testing

Test can be run by Karma from NPM

```
npm test
```

Building for Distribution

Builds are concatenated and minified using [webpack](#) and [babel](#)

To generate a new build run

```
npm run prepare
```

or to continuously build run

```
npm run watch
```

Hooks

Similar to a plugins, Epub.js implements events that can be "hooked" into. Thus you can interact with and manipulate the contents of the book.

Examples of this functionality is loading videos from YouTube links before displaying a chapter's contents or implementing annotation.

Hooks require an event to register to and a can return a promise to block until they are finished.

Example hook:

```
rendition.hooks.content.register(function(contents) {  
  
    var elements = contents.document.querySelector('video');  
    var items = Array.prototype.slice.call(element.childNodes);  
  
    items.forEach(function(item) {  
        // do something with the video item  
    });  
  
})
```

The parts of the rendering process that can be hooked into are below.

```
book.spine.hooks.serialize // Section is being converted to HTML  
book.spine.hooks.content // Section has been loaded  
rendition.hooks.render // Section is rendered to the DOM  
rendition.hooks.content // Section contents have been loaded  
rendition.hooks.unloaded // Section contents are unloaded
```

Reader

The reader has moved to its own repo at:

<https://github.com/futurepress/epubjs-reader/>

Additional Resources

chat on gitter

[Epub.js Developer Mailing List](#)

IRC Server: freenode.net Channel: #epub.js

Follow us on twitter: @Epubjs

- <http://twitter.com/#!/Epubjs>

Other

EPUB is a registered trademark of the [IDPF](#).