


 mozilla / pdf.js Public

PDF Reader in JavaScript

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< > Code

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PDF.js



PDF.js is a Portable Document Format (PDF) viewer that is built with HTML5.

PDF.js is community-driven and supported by Mozilla. Our goal is to create a general-purpose, web standards-based platform for parsing and rendering PDFs.

Contributing

PDF.js is an open source project and always looking for more contributors. To get involved, visit:

- [Issue Reporting Guide](#)
- [Code Contribution Guide](#)
- [Frequently Asked Questions](#)
- [Good Beginner Bugs](#)
- [Projects](#)

Feel free to stop by our [Matrix room](#) for questions or guidance.

Getting Started

Online demo

Please note that the "Modern browsers" version assumes native support for features such as `async / await`, optional chaining, nullish coalescing, and private `class` fields/methods.

- Modern browsers: <https://mozilla.github.io/pdf.js/web/viewer.html>
- Older browsers: <https://mozilla.github.io/pdf.js/legacy/web/viewer.html>

Browser Extensions

Firefox

PDF.js is built into version 19+ of Firefox.

Chrome

- The official extension for Chrome can be installed from the [Chrome Web Store](#). *This extension is maintained by @Rob--W.*
- Build Your Own - Get the code as explained below and issue `gulp chromium`. Then open Chrome, go to `Tools > Extension` and load the (unpackaged) extension from the directory `build/chromium`.

Getting the Code

To get a local copy of the current code, clone it using git:

```
$ git clone https://github.com/mozilla/pdf.js.git
$ cd pdf.js
```

Next, install Node.js via the [official package](#) or via [nvm](#). You need to install the gulp package globally (see also [gulp's getting started](#)):

```
$ npm install -g gulp-cli
```

If everything worked out, install all dependencies for PDF.js:

```
$ npm install
```

Finally, you need to start a local web server as some browsers do not allow opening PDF files using a `file://` URL. Run:

```
$ gulp server
```

and then you can open:

- <http://localhost:8888/web/viewer.html>

Please keep in mind that this requires a modern and fully up-to-date browser; refer to [Building PDF.js](#) for non-development usage of the PDF.js library.

It is also possible to view all test PDF files on the right side by opening:

- <http://localhost:8888/test/pdfs/?frame>

Building PDF.js

In order to bundle all `src/` files into two production scripts and build the generic viewer, run:

```
$ gulp generic
```

If you need to support older browsers, run:

```
$ gulp generic-legacy
```

This will generate `pdf.js` and `pdf.worker.js` in the `build/generic/build/` directory (respectively `build/generic-legacy/build/`). Both scripts are needed but only `pdf.js` needs to be included since `pdf.worker.js` will be loaded by `pdf.js`. The PDF.js files are large and should be minified for production.

Using PDF.js in a web application

To use PDF.js in a web application you can choose to use a pre-built version of the library or to build it from source. We supply pre-built versions for usage with NPM and Bower under the `pdfjs-dist` name. For more information and examples please refer to the [wiki page](#) on this subject.

Including via a CDN

PDF.js is hosted on several free CDNs:

- <https://www.jsdelivr.com/package/npm/pdfjs-dist>
- <https://cdnjs.com/libraries/pdf.js>
- <https://unpkg.com/pdfjs-dist/>

Learning

You can play with the PDF.js API directly from your browser using the live demos below:

- [Interactive examples](#)

More examples can be found in the [examples folder](#). Some of them are using the pdfjs-dist package, which can be built and installed in this repo directory via `gulp dist-install` command.

For an introduction to the PDF.js code, check out the presentation by our contributor Julian Viereck:

- <https://www.youtube.com/watch?v=lv15UY-4Fg8>

More learning resources can be found at:

- <https://github.com/mozilla/pdf.js/wiki/Additional-Learning-Resources>

The API documentation can be found at:

- <https://mozilla.github.io/pdf.js/api/>

Questions

Check out our FAQs and get answers to common questions:

- <https://github.com/mozilla/pdf.js/wiki/Frequently-Asked-Questions>

Talk to us on Matrix:

- <https://chat.mozilla.org/#/room/#pdfjs:mozilla.org>


File an issue:

- <https://github.com/mozilla/pdf.js/issues/new>

Follow us on twitter: @pdfjs

- <https://twitter.com/pdfjs>

Releases 41

 **v2.13.216** Latest
on Feb 27

[+ 40 releases](#)

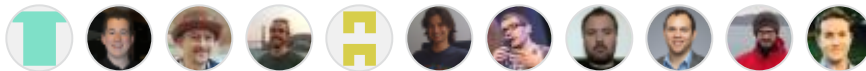
Packages

No packages published

Used by 161



Contributors 358



Environments 1

 **github-pages** Active

Languages

JavaScript 97.7% CSS 1.3% Other 1.0%