# React to PDF





yarn add @react-pdf/renderer

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#### Self-tracking

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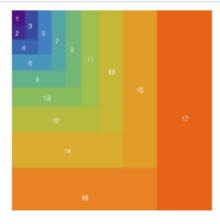
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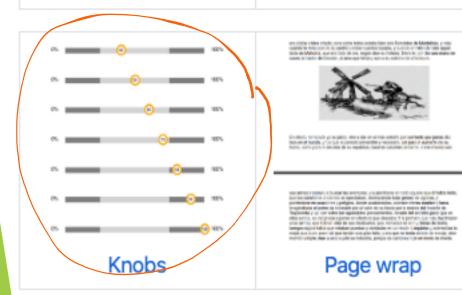
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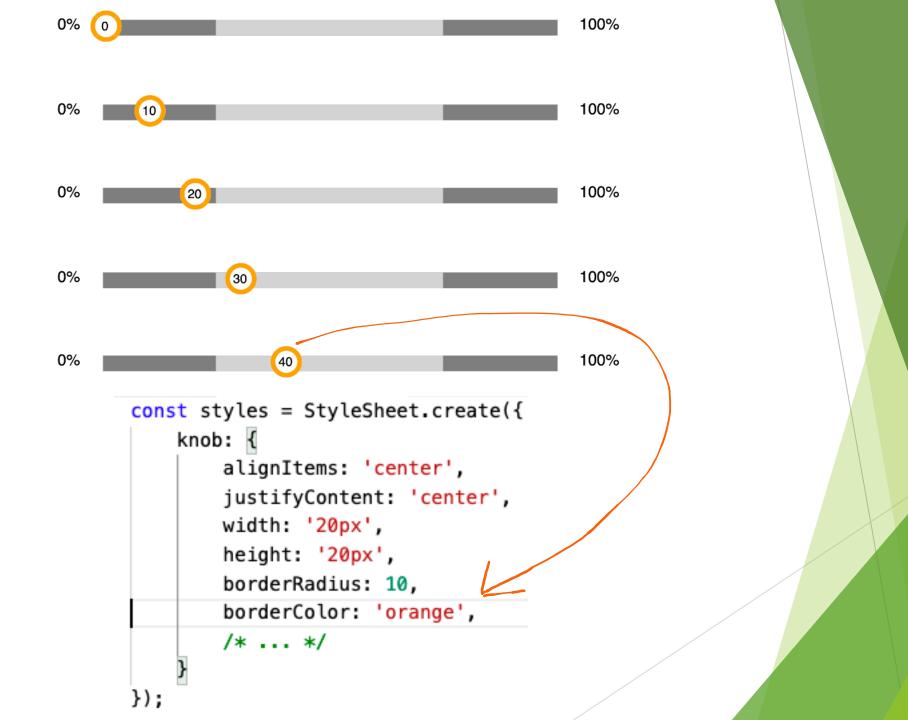
Resume



Fractals



Examples from repo



```
const Knob = ({ value }) => (
 <View style={[styles.knob, { left: `${value - 3}%` }]}>
   <Text style={{ fontSize: 8, marginTop: 4 }}>{value}</Text>
 </View>
const Select = props => (
 <View style={styles.select}>
   <Text style={[styles.text, { marginRight: '15px' }]}>0%</Text>
   <View style={styles.bar}>
     <View style={styles.barMiddle} />
     <Knob {...props} />
   </View>
   <Text style={[styles.text, { marginLeft: '15px' }]}>100%</Text>
 </View>
const doc = (
 <Document>
   <Page size="A5">
     <Select value={0} />
     <Select value={10} />
      . . .
     <Select value={90} />
     <Select value={100} />
   </Page>
 </Document>
```

This project is deprecated in favor for Puppeteer. Thanks to all the contributors who made this project possible.

### Chromeless



Chrome automation made simple. Runs locally or headless on AWS Lambda. (See Demo)

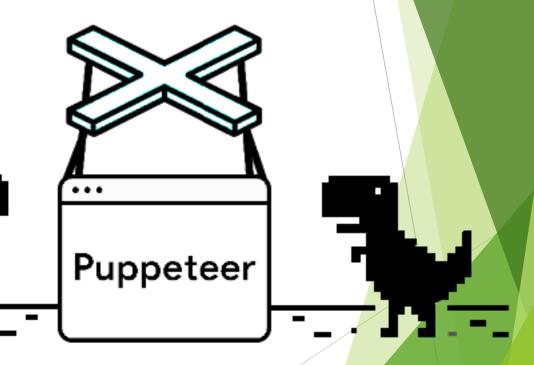
#### Chromeless can be used to...

- Run 1000s of browser integration tests in parallel 4
- · Crawl the web & automate screenshots
- · Write bots that require a real browser
- Do pretty much everything you've used PhantomJS, NightmareJS or Selenium for before

# Puppeteer

1.Generate screenshots and PDFs of pages.

2. Maintained by Chrome dev tools team



## Check the releases

v2.0.0



mathiasbynens released this on Oct 24, 2019 · 19 commits to master since this release

### Big changes

- Chromium 79.0.3942.0 (706915)
- Puppeteer new requires Node.js v8+; Node.js v6 is no longer supported

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```

### **Additional Considerations**

- Not running in context of browser, so you may need:
  - auth-context don't do security as an afterthought
  - browser headers (from request)
  - client-browser settings (need to interrogate browser Time Zone / Language)
    - ▶ From browser (can I use): timezone: Intl.DateTimeFormat().resolvedOptions().timeZone
    - Fallback: new Date().getTimezoneOffset()
- ▶ When running automated consider adding user profile settings for ie: Time Zone/Language
  - ie: as a weekly digest
  - on event completion (online order billed/shipped, incident PM complete)
- ▶ Use CSS for to control breaking consider adding @media print rules. ie:
  - { break-inside: avoid }
  - { break-after: always}

# pros

- Automated generation
- Puppeteer

- SVG
- All React components and libraries, CSS
- 3rd party image integrations (slack)
- Same code base as website
- ► Any website even Angular ©

### cons

- node (server-side)
- additional work to pass browser settings
- new security

# thank-you





github.com/brianzinn/crapdf