Open Source

The good parts

The bad parts

OSS for life!
@observer
class ArrowView extends Component {
  render() {
    const {from, to} = this.props.arrow;
    const [x1, y1, x2, y2] = [
      from.x + from.width / 2,
      from.y + 30,
      to.x + to.width / 2,
      to.y + 30
    ];
    return <path className="arrow"
      d="M${x1} ${y1} L${x2} ${y2}"/>
  }
}

that's all

boxes

box props ?!
Derivation tree
nobody cares how smart the solution is
the OSS project **dead zone**

Nobody takes a serious look

Nobody cares how smart your solution is

No critical mass yet, devs don’t like to gamble
if you can’t sell the lib....
sell the problem
MobX doesn't try to make an academic point. It just tries to enable you to go home early each day :)

19:46 - 3 jun. 2016

39 retweets 91 vind-ik-leuks
**Time in ms needed to process changing a single todo item in TodoMVC**

<table>
<thead>
<tr>
<th>Scenario</th>
<th>Redux (naive)</th>
<th>Redux (optimized)</th>
<th>MobX (naive)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,000, change one</td>
<td>6</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>10,000, change one</td>
<td>29</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>10,000, add one</td>
<td>0</td>
<td>125</td>
<td>133</td>
</tr>
</tbody>
</table>

**Bonus tip**

Use [https://github.com/mobxjs/mobx](https://github.com/mobxjs/mobx) to skip all of this subscribing code. Same app using [mobx](http://codepen.io/lavrton/pen/WwPaeV):

```
sum time 83.49000000000024
average time 0.16698000000000046
```

Time for rendering with mobx state

About 1.5x faster than the previous result (and difference will be much more if you have more elements). And code is much simpler:

Dan Abramov
@dans_abramov

Really impressed how fast MobX can be without giving up expressive and clean code!

mweststrate/mobx-todomvc

Trimmed down TodoMVC used for benchmarking. Contribute to mobx-todomvc development by creating an account on GitHub.
github.com

23 RETWEETS 69 LIKES
Anything that can be derived from the application state, should be derived. Automatically.
getting out of the OSS dead zone

What problem are you solving?

What makes your approach unique?

Testimonials!
OSS - the good parts
learning 🎓
happy users!

Mouad Debbar @mdebbar · Jun 20
I’m usually against libraries that do auto-magic. But in the case of #mobx, it’s auto-magic done right!

Ali Najafizadeh @li_n_z · Jun 29
adding #mobx to your #reactjs project is like adding NOS to your car engine. #supercharged. Thanks @mweststrate!

Hugo Cany @codylindley · 25 Aug 2017
What jQuery did for DOM scripting, #MobX did for app state management!

Tim Dor @timdor · Jun 29
MobX = (Redux + Reselect) - creating your own actions and selectors. Just mark data as reactive and the rest is magic.

Open Carry Tactical Freedom Device @Simian · 5m
Guise, #mobx isn’t pubsub, or your grandpa’s observer pattern. Nay, it is a carefully orchestrated observable dimensional portal fueled by the power cosmic. It doesn’t do change detection, it’s actually a level 20 psionic with soul knife, slashing your viewmodel into submission.

Mikel Wirth @mikewirth · 31 Aug 2018
...
core contributors 👏
beautiful confs & awesome ppl
always keep learning

comfortzone

you
always keep learning

you

comfortzone
getting a raise 😋
seeing others succeed
our industry is unique! 🤝
became independent 😅
OSS - the bad parts
@#$%@$% JS stack

babel / typescript / legacydecorators maybe not the best idea ever / fields proposal / es2015 / UMD module / broken minifiers / common JS modules / metro bundler / flow types / ESM modules / treeshaking webpack or maybe not / internet explorer anyone / proxies / or not / es5 polyfills / meteor bundler wtf / custom bundler please change your project wtf wtf / optional deps / bundlephobia not like / peer deps / peer deps / did i mention peer deps yet? or decorators?
no SLA is the worst SLA
OSS has no holidays
not yet another package... 😞
The Continuing Legend of @NikkitaFTW and the Glorious Life of a Conference Speaker
“When you're awake at night, rather than spending the rest of the night watching the rooftop and being frustrated, it's better to do something productive”

-Michel, when asked on how he can maintain a popular open source project while having two kids
the OSS trap

don’t want to let thousands of users down

don’t want to let family down

who makes up for the difference?
a new feature

or

a new gig?
an awesome job

or an

awesome project
paint the door

or

review a PR
“above all else, guard your heart,
for everything you do flows from it”

Proverbs 4: 23
living life is the most impactful OSS project you will ever have
free work needs to be passion driven
Conclusion

1. I’m extremely grateful for all contributors & sponsors
2. We live in a privileged, unique industry, filled with opportunity
3. Messaging is crucial for any project to succeed
4. When filing issues, remember: you are asking for free help on something you are being paid for!
5. Obtain sponsoring for projects from your managers!
6. Contribute to OSS. It will advance your career
7. Guard your heart and live a balanced life
don’t just develop software develop you.