Avoids Old CSS Flexbox

Overview

The old, 2009 specification for Flexbox is deprecated and is 2.3x slower than the latest specification. See Flexbox Layout Isn't Slow to learn more.

Caution: Consider ignoring this audit if a large portion of your users use UCBrowser. See googlechrome/lighthouse#1710.

Recommendations

Under **URLs**, Lighthouse lists every instance of `display: box` that it found on your page's stylesheets. Replace every instance with the new syntax, `display: flex`.

If a stylesheet is using `display: box`, then it may be using other deprecated Flexbox properties. In short, every property that begins with `box`, such as `box-flex`, is deprecated and should be replaced. See CSS Flexbox 2009/2011 Spec Syntax Property Mapping to see exactly how the old properties map to the new ones.

Lighthouse also flags vendor prefix values, such as `display: -ms-flexbox`. Lighthouse flags these so that you know that you're sending more bytes in your CSS than needed. If you're using Autoprefixer, you can prevent it from printing out vendor prefixes by adding the following rule to your `package.json` config:

```
"browserslist": [
  "last 2 versions",
  "not ie <= 10",
  "not ie_mob <= 10"
]
```
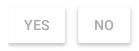
More information

Lighthouse collects all of the stylesheets used on the page and checks if any of them uses `display: box`. Lighthouse does not check if the stylesheets use any other deprecated properties.

Feedback

Was this page helpful?

YES NO

Great! Thank you for the feedback.

Sorry to hear that. Please open an issue and tell us how we can improve.

Last updated July 24, 2018.