How to compose and decompose

Wow! Our components are getting pretty big. Maybe we should break them into smaller components.

Extracting PickDate from LandingPage

In LandingPage, you have a list of days. Eventually the user will tap on one of those days to show the times for that date. For now, though, it feels like this thing should be its own component.

1. Create a new file called PickDate.js. Import React from 'react' at the top.

2. Create a new function called PickDate. Don't forget to export it.

3. Edit LandingPage.js and find that day list we created. (Hint: It'll probably be in a <div style={styles.pickDateWrapper}>). Cut it and paste it as the returned value from your PickDate function.

4. Grab the two styles in LandingPage.js and paste them into PickDate. (Hint: They're probably still called pickDateWrapper and days).

5. import { PickDate } from './PickDate' at the top of LandingPage.

6. Add the JSX <PickDate /> to LandingPage.

7. Run and test. You'll know you have it right when you can place a <PickDate /> in the LandingPage's JSX and still see your days.

Reusing a decomposed component

Now that we've created PickDate, we have an awesome opportunity to reuse this component.

8. Open FilmDetails. Import PickDate at the top.

9. Add <PickDate /> near the bottom of the component.

10. Run and test. Can you see it?

We'll do some more decomposition soon but we need to know how to pass data down from a host to an inner. That's coming up next!