# Master Performance Monitoring, Error Reporting, and Debugging of Components

**Peter Kellner**

Developer, Consultant and Author

ReactAtScale.com @pkellner linkedin.com/in/peterkellner99

**Basics of React Developer Tools**

**Solving the component over-rendering problem**

**Handling production time errors with Error Boundaries**

React Developer Tools

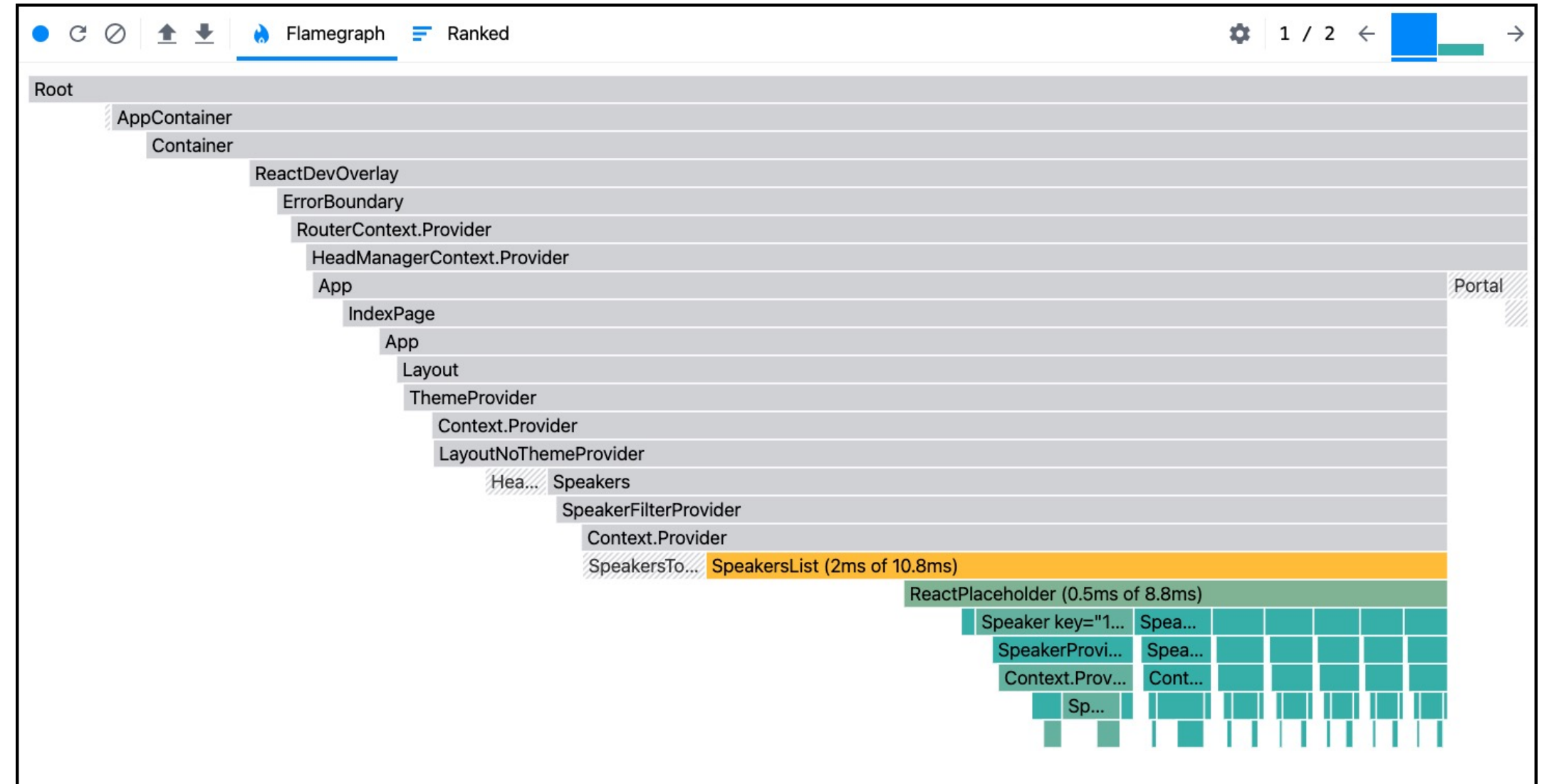Offered by: Facebook

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# Basics of React Developer Tools

# Solving the component over-rendering problem

# Handling production time errors with Error Boundaries

**Basics of React Developer Tools**

**Solving the component over-rendering problem**

**Handling production time errors with Error Boundaries**

```jsx
const Speaker = (props) => {
  return (
    <ErrorBoundary>
      <SpeakerNoErrorBoundary {...props} />
    </ErrorBoundary>
  );
};
```

# Browser Debugging Tools

## Standard debugger
### Speaks HTML

## React developer tools
### Speaks React

# Error Boundaries

Error boundaries are React components that catch JavaScript errors anywhere in their child component tree, log those errors, and display a fallback UI.

# Overview/ Summary

**React Developer Tools basics**

**Improve performance by reducing over-rendering**

**Implementing Error Boundaries for a better browser experience**