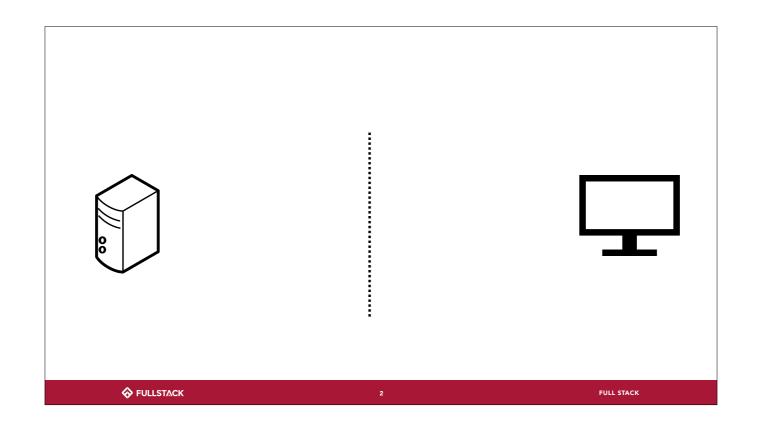
## **FULL STACK DATA FLOW**

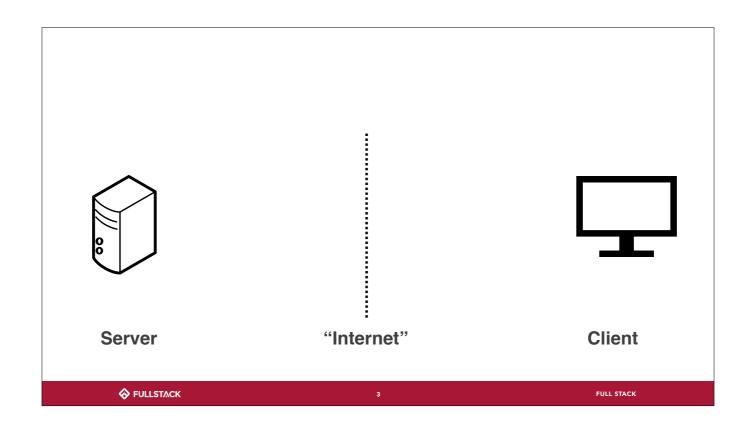
There and back again

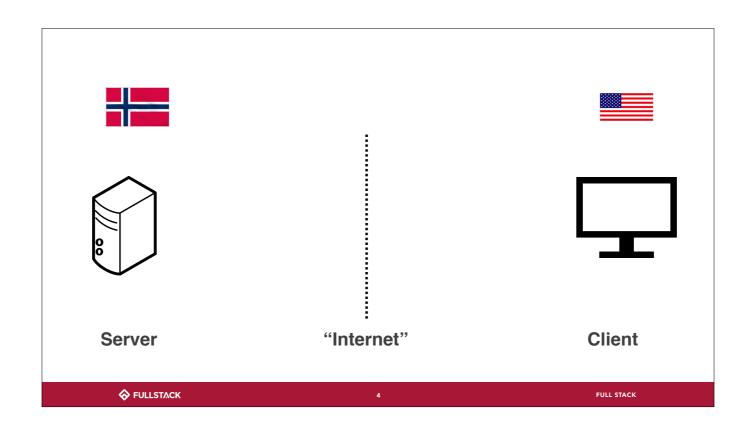
♦ FULLSTACK

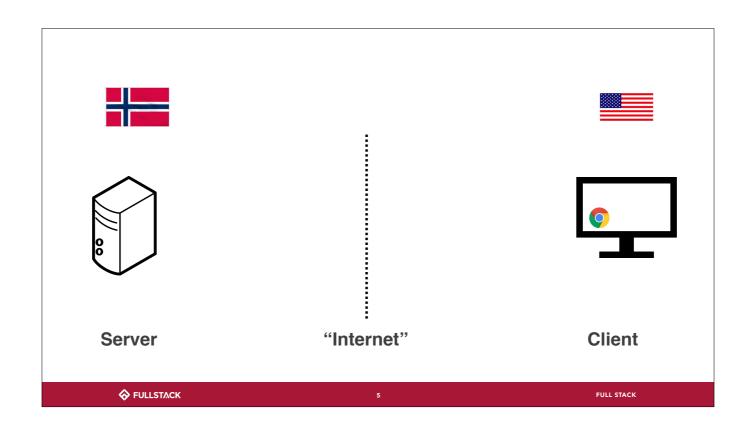
FULL STACK

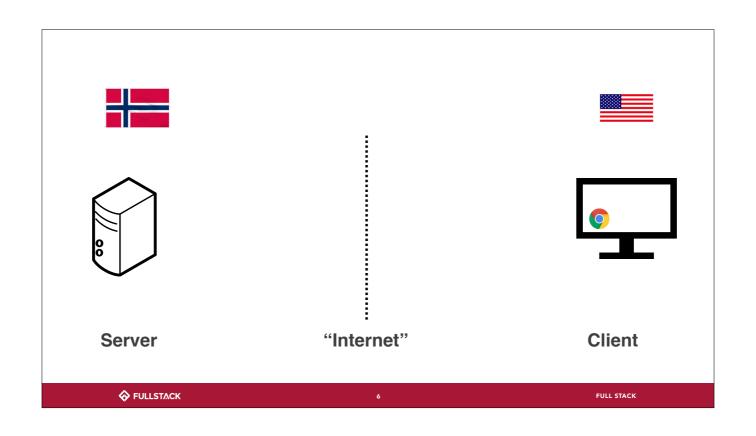
two players - client and server

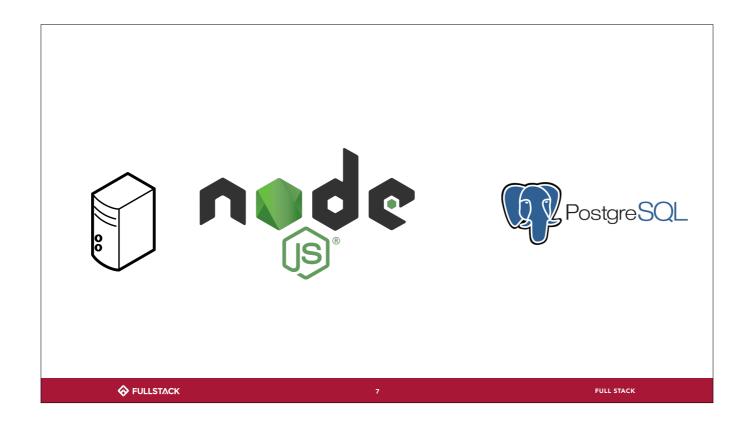














- A JavaScript runtime built on Chrome's V8 JS engine
- Allows execution of JS on an operating system

♦ FULLSTACK 8 FULL STACK



 An open source, object-relational database system



♦ FULLSTACK 9 FULL STACK



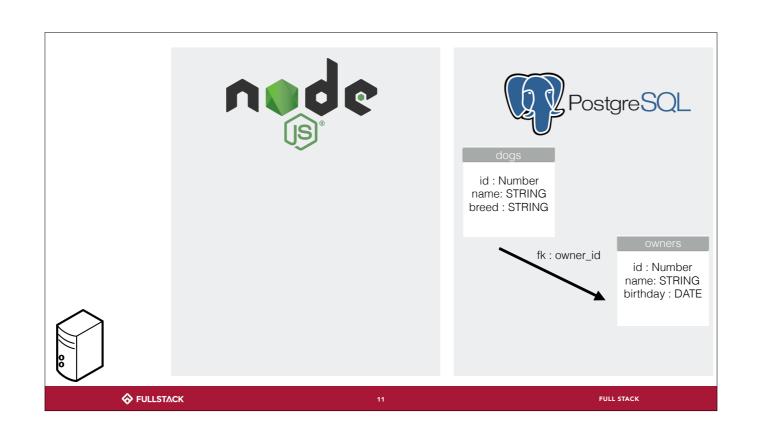


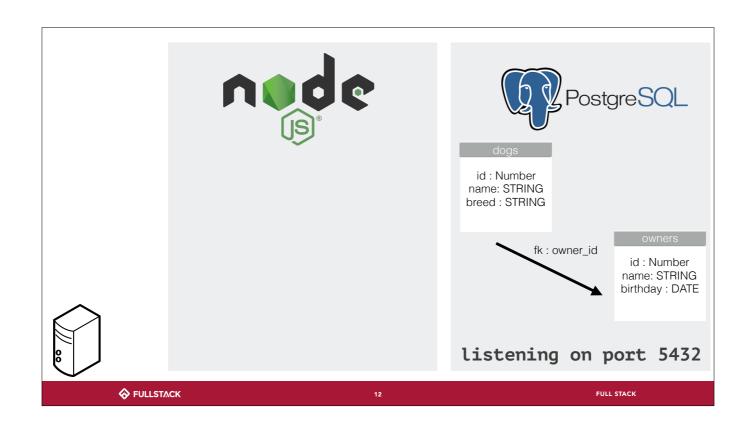


♦ FULLSTACK

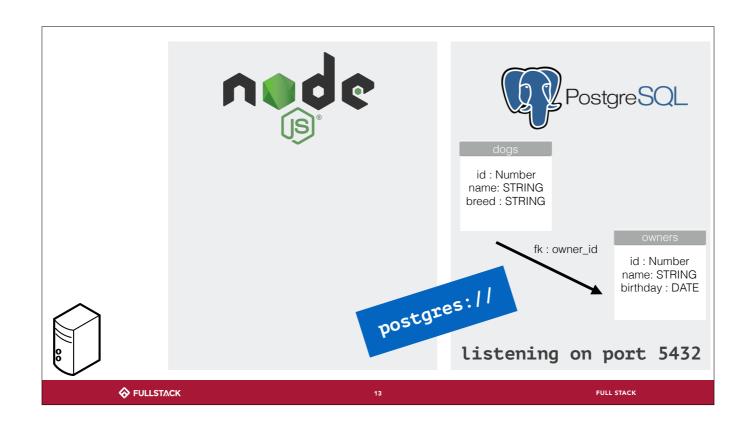
10

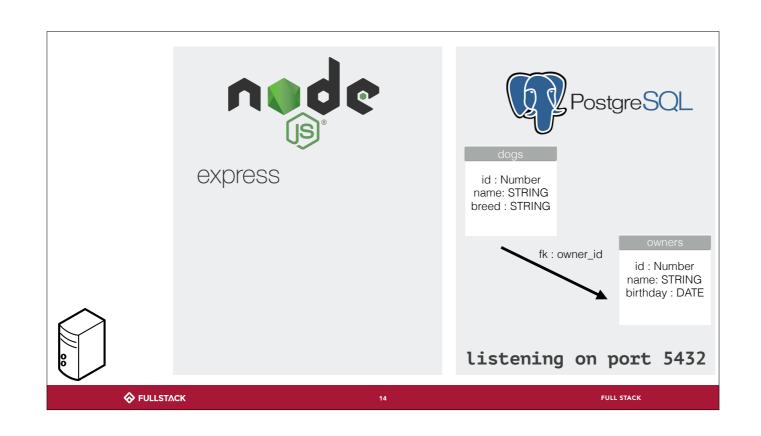
FULL STACK

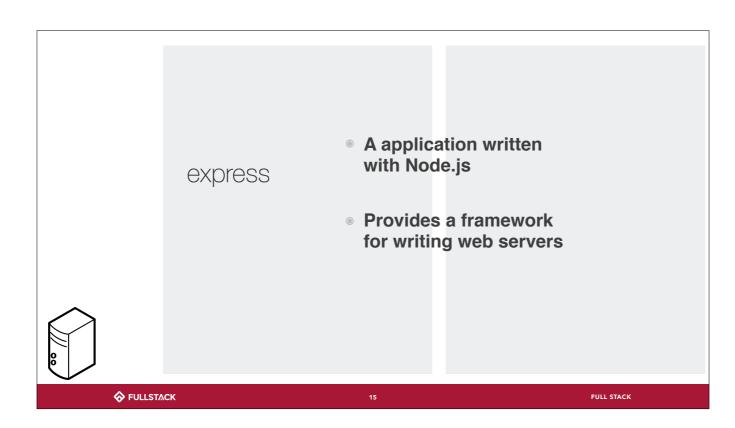


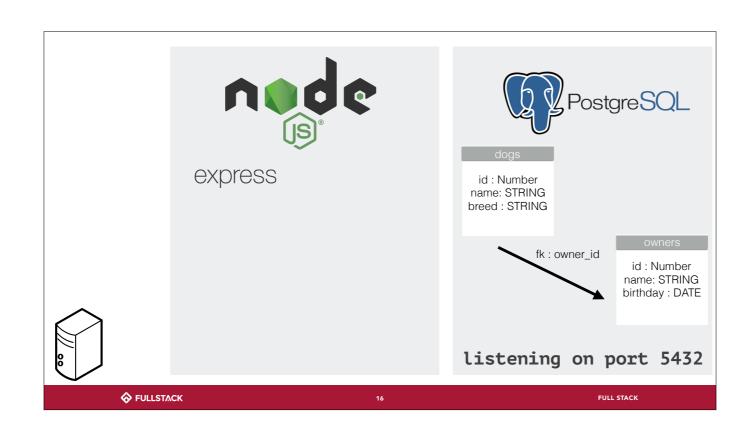


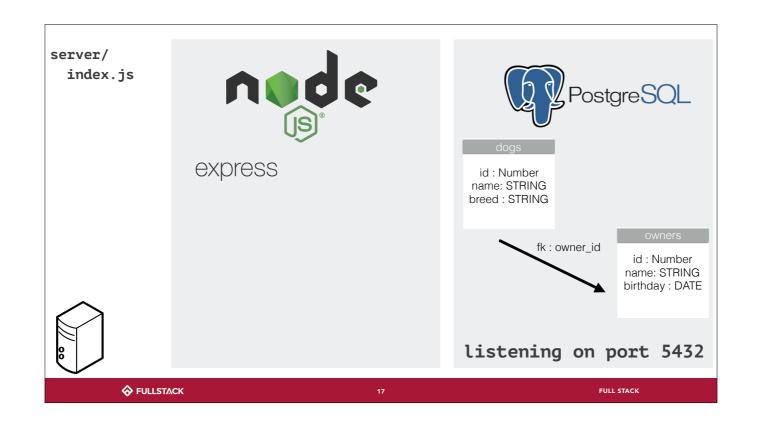
not exposed to the internet

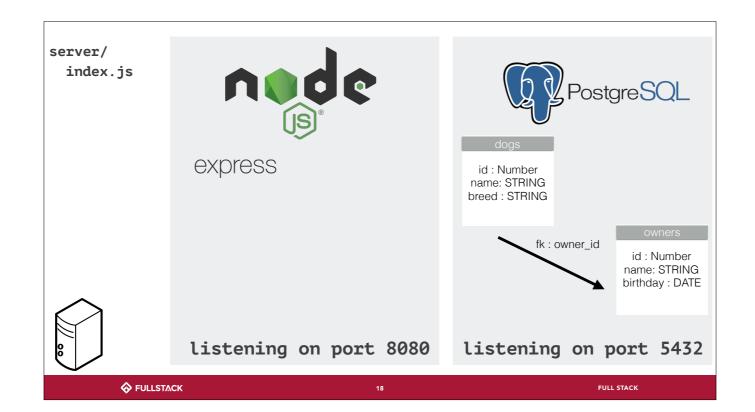


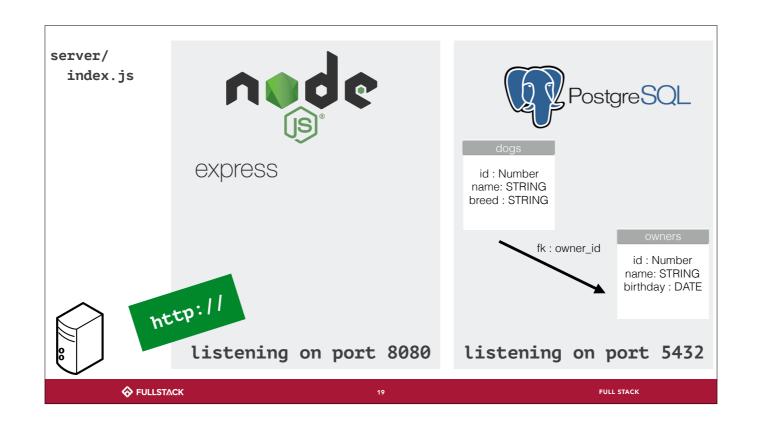


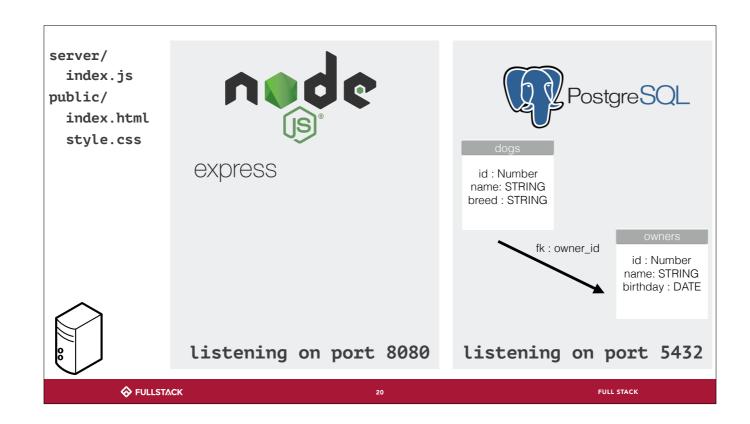


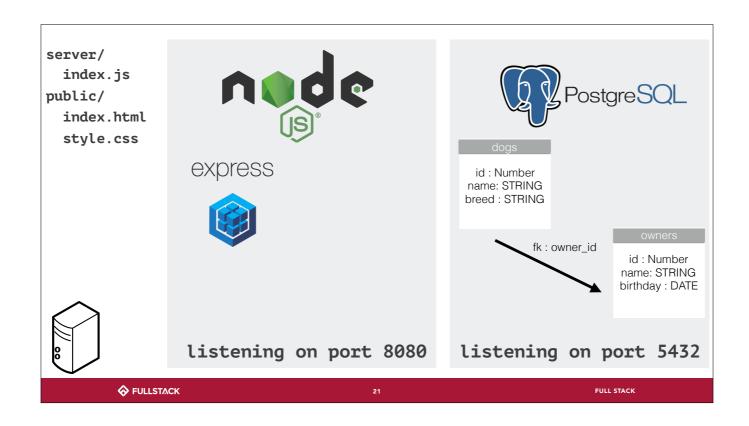












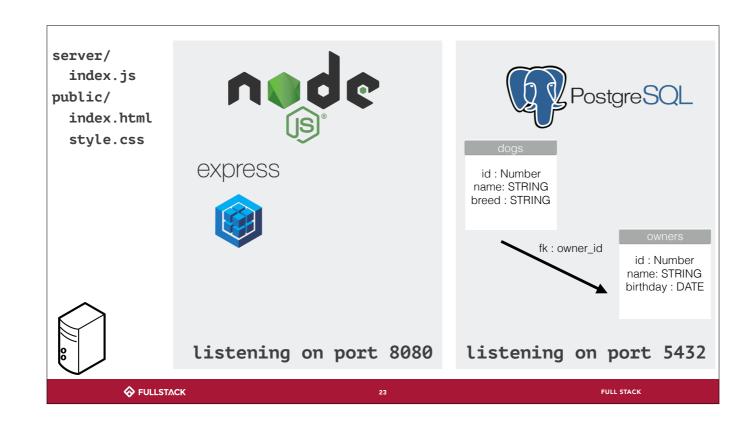


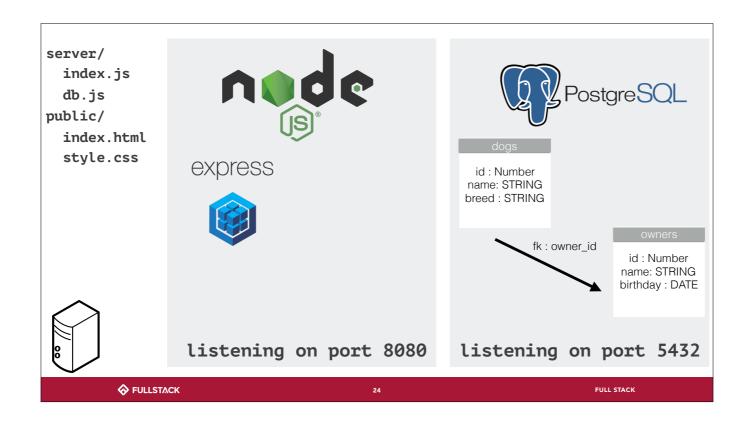


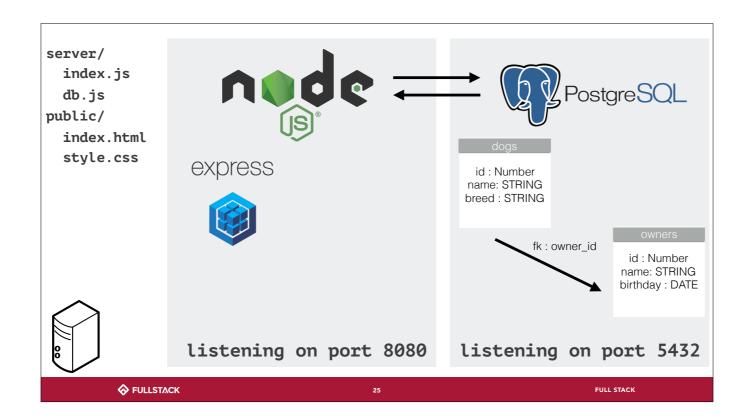
 Provides a framework for interacting with a database from a Node application

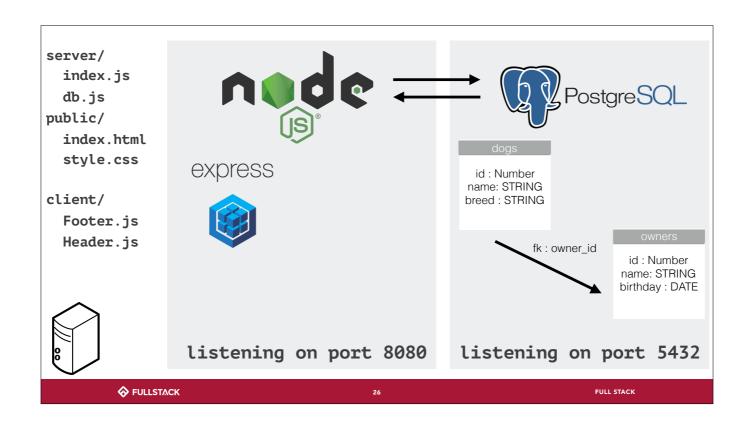


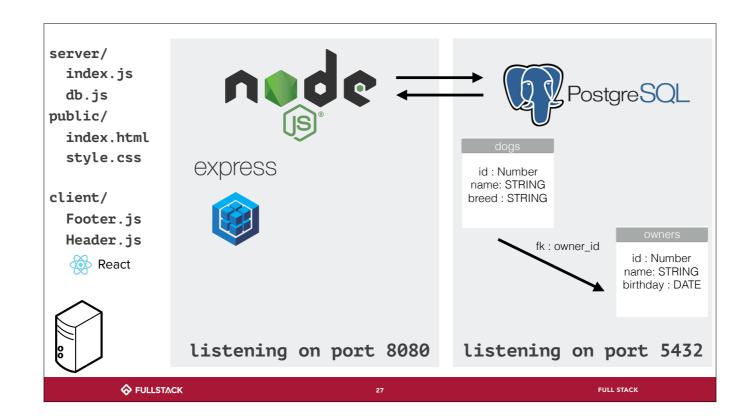
♦ FULLSTACK 22 FULL STACK

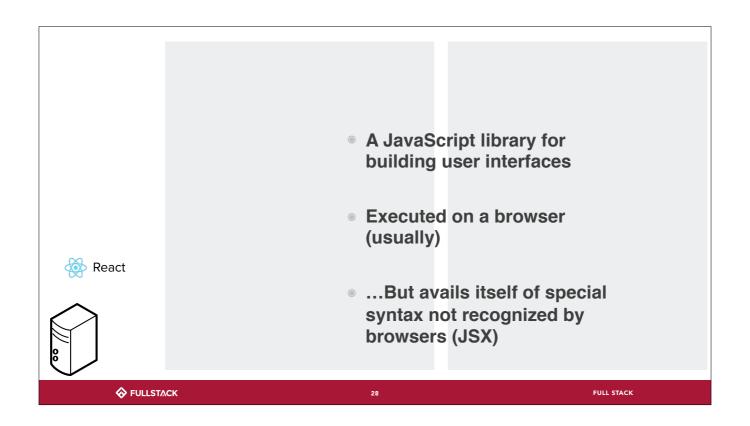




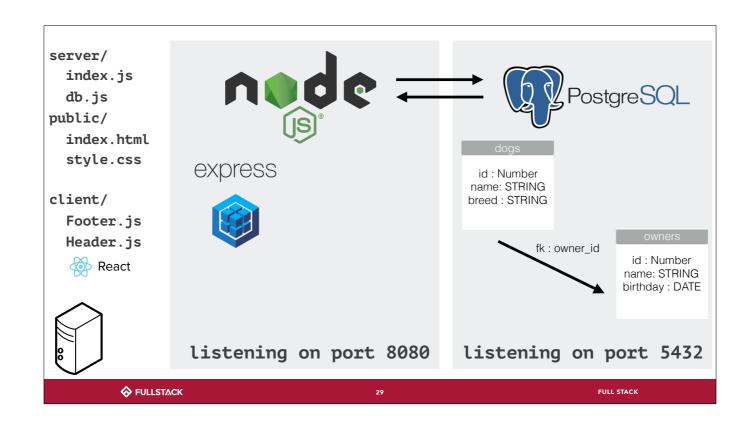


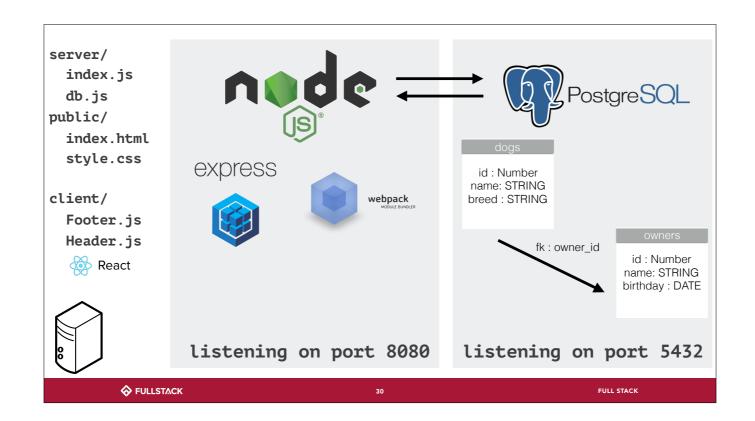


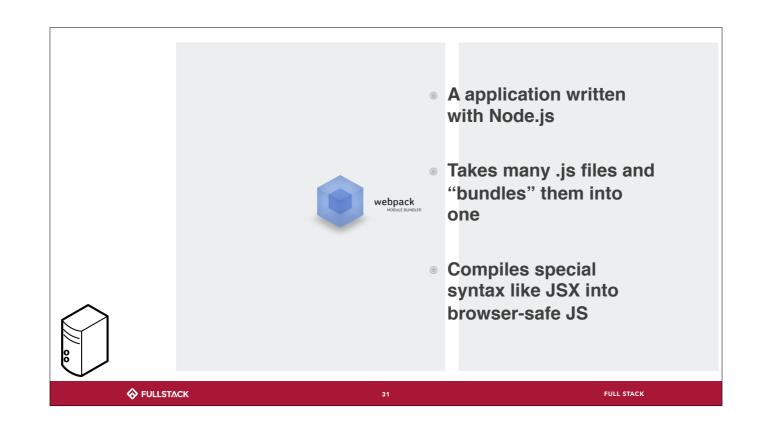


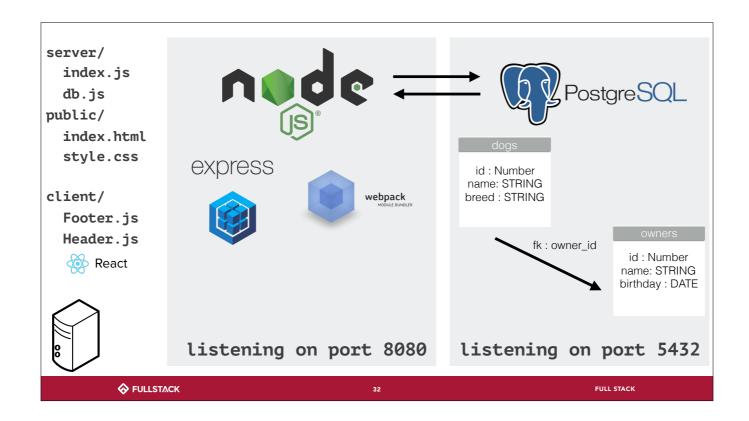


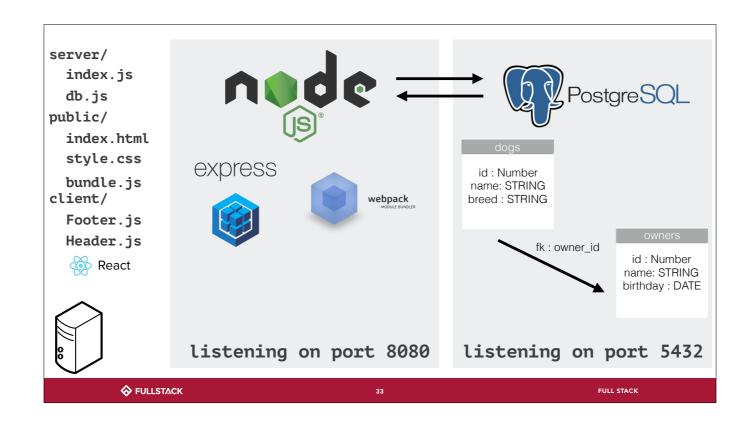
\*usually - React is actually flexible and can be used on the server, and in other environments as well, but for now we're just interested in its use on the browser

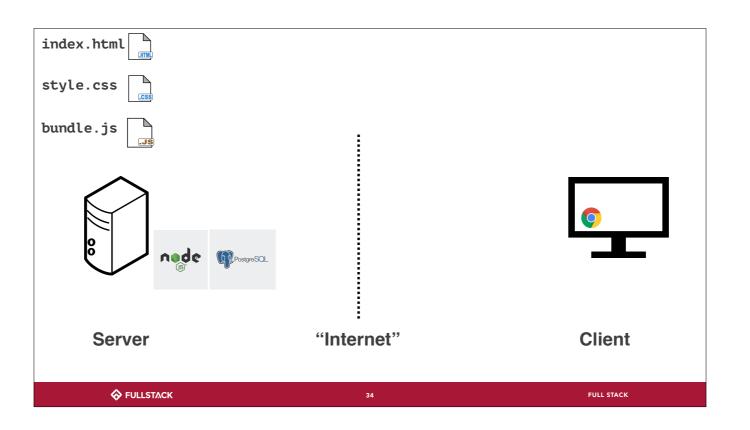


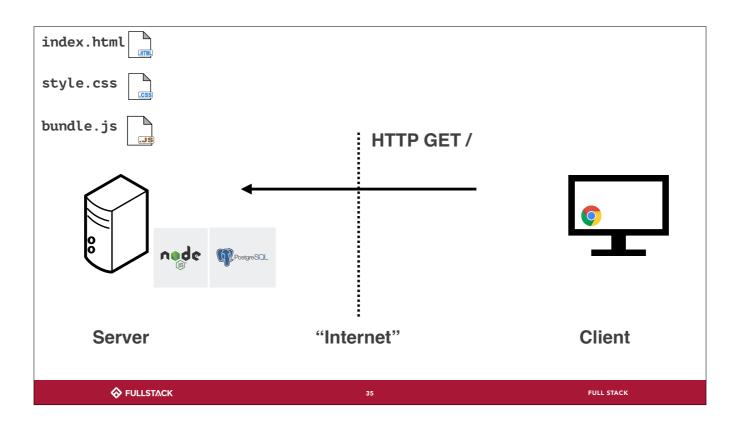


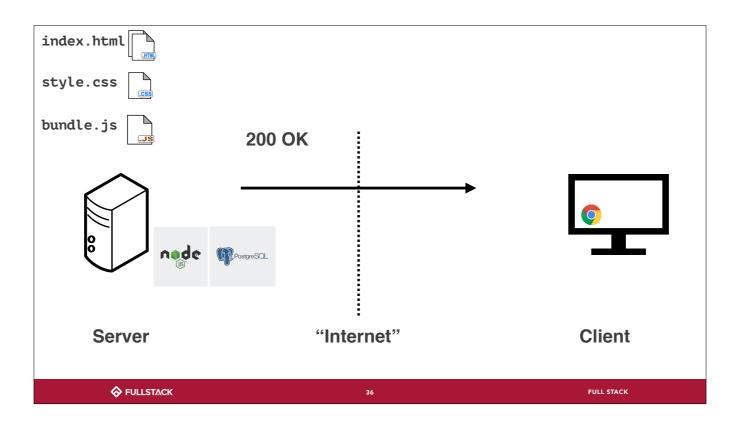














♦ FULLSTACK 37 FULL STACK



♦ FULLSTACK

38

FULL STACK



♦ FULLSTACK

39

FULL STACK

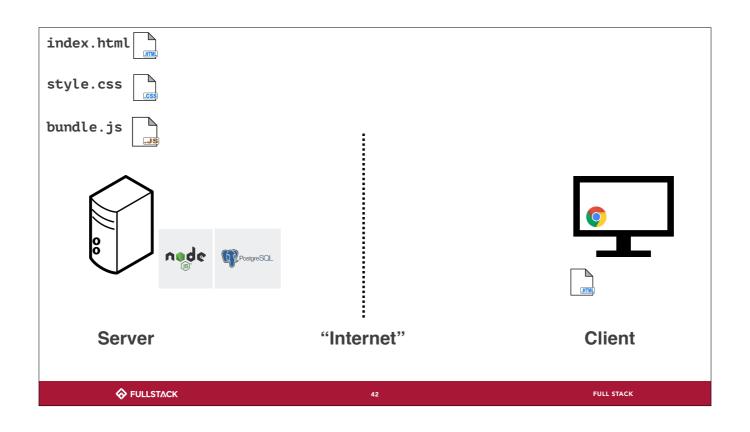


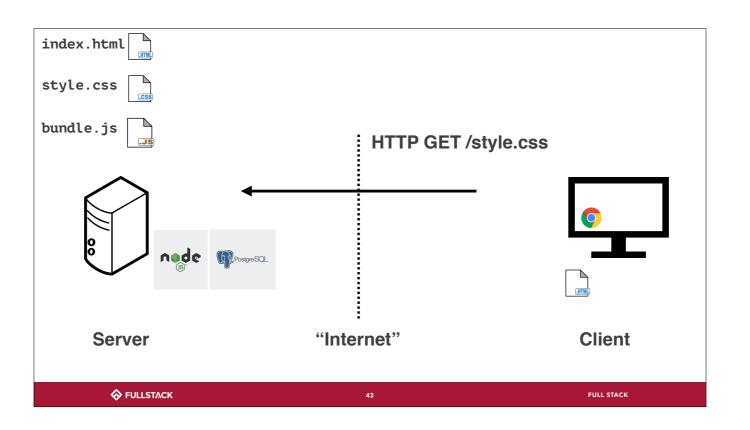
♦ FULLSTACK 40 FULL STACK

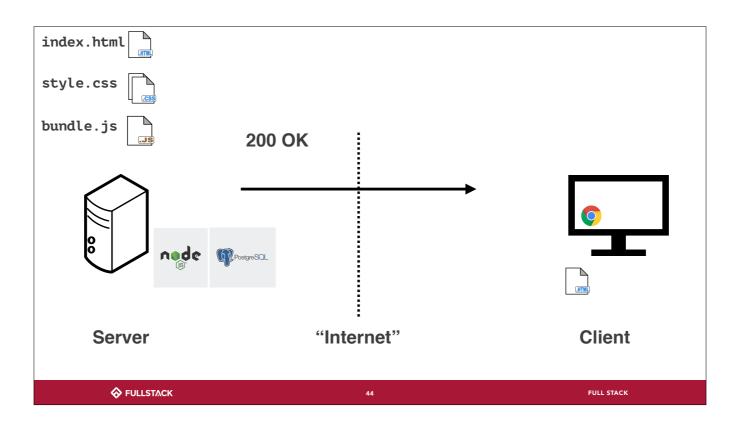




♦ FULLSTACK 41 FULL STACK







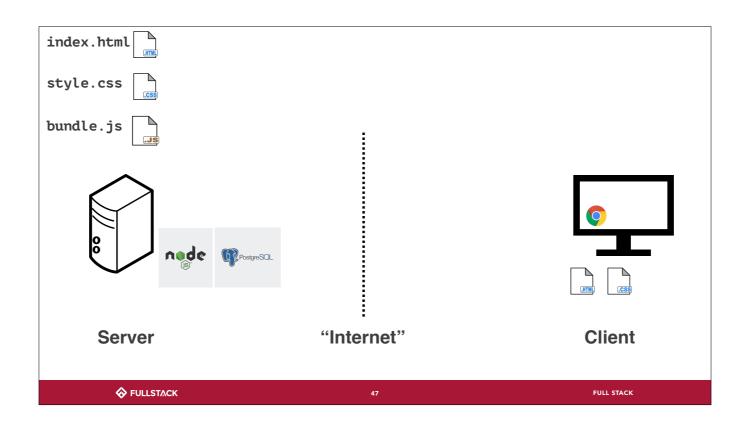


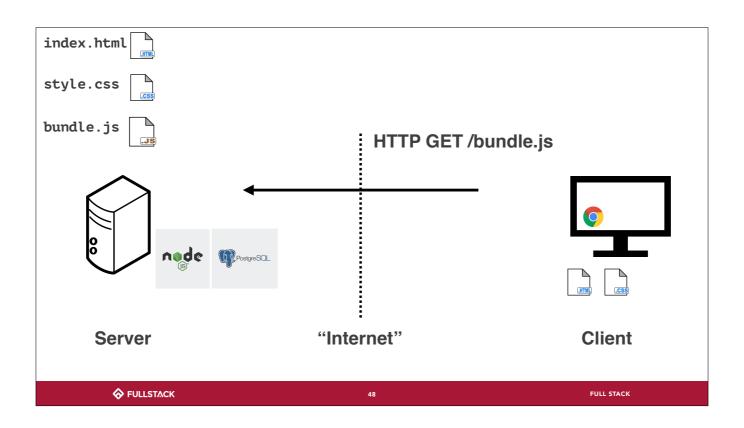
♦ FULLSTACK 45 FULL STACK

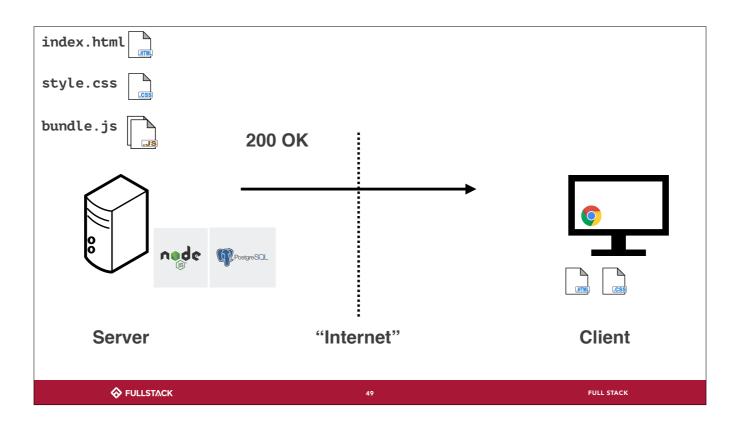




♦ FULLSTACK 46 FULL STACK









♦ FULLSTACK 50 FULL STACK



```
<!DOCTYPE html>
<html>
    <head>
        link rel="stylesheet" href="/style.css" />
             <script defer src="/bundle.js"></script>
        </head>
        <body>
             <div id="app"></div>
             </body>
        </html>
```

♦ FULLSTACK 51 FULL STACK



```
<!DOCTYPE html>
<html>
    <head>
        link rel="stylesheet" href="/style.css" />
             <script defer src="/bundle.js"></script>
        </head>
        <body>
             <div id="app"></div>
             </body>
        </html>
```

♦ FULLSTACK 52 FULL STACK



♦ FULLSTACK 53 FULL STACK



♦ FULLSTACK 54 FULL STACK



♦ FULLSTACK 55 FULL STACK

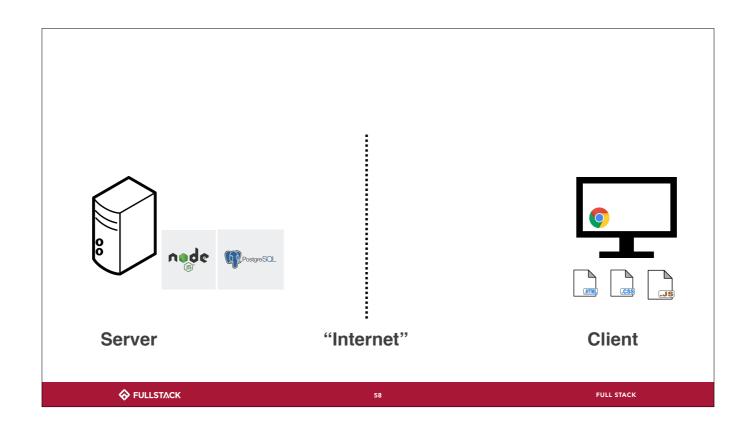


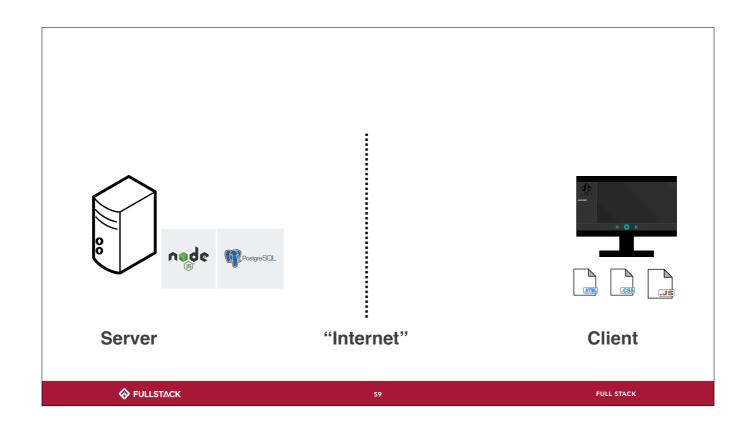
♦ FULLSTACK 56 FULL STACK

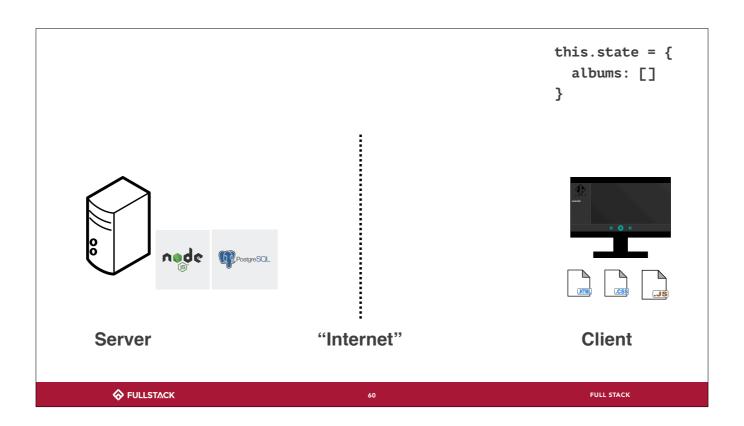


Time to execute this bundle.js file!

♦ FULLSTACK 57 FULL STACK







This is our initial render and state, now we can make Ajax calls in componentDidMount

