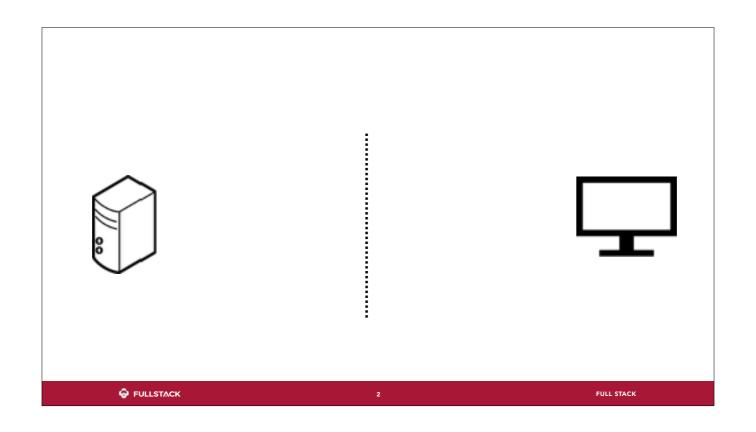
FULL STACK DATA FLOW

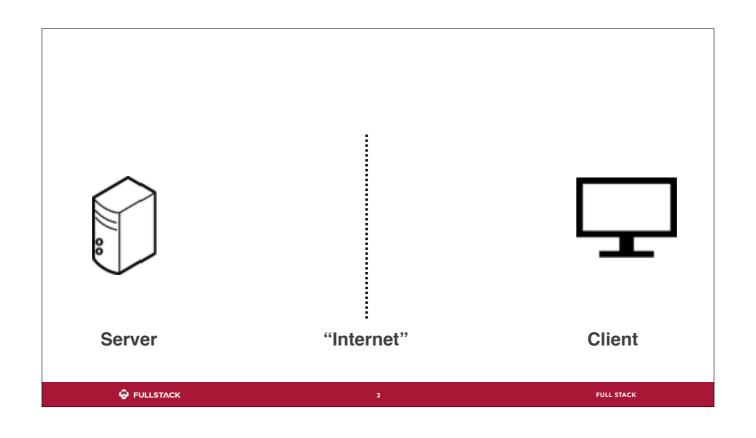
There and back again

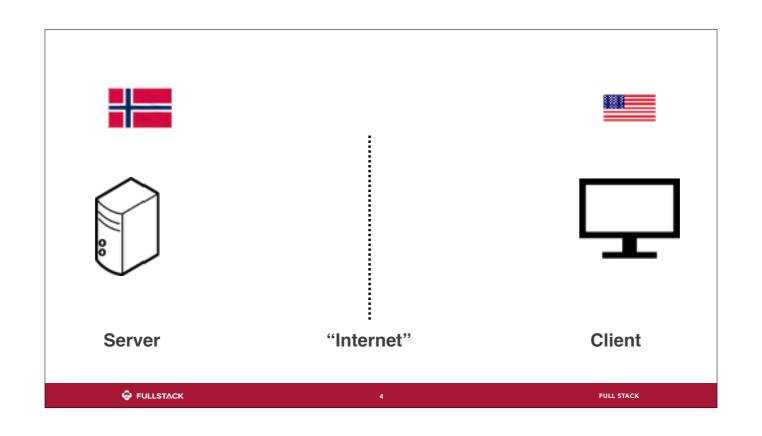
FULLSTACK

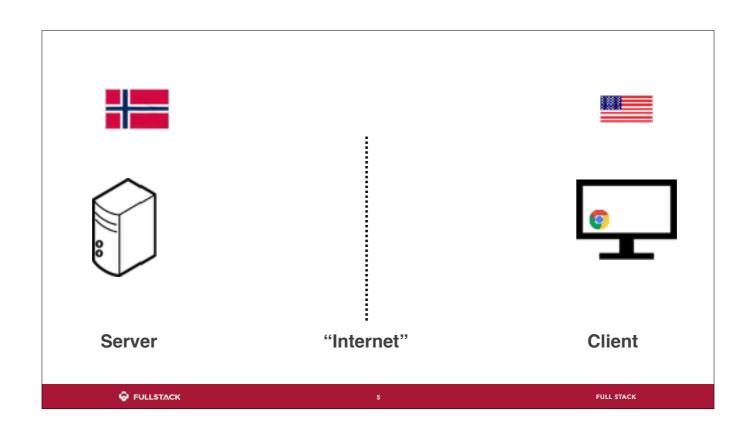
FULL STACK

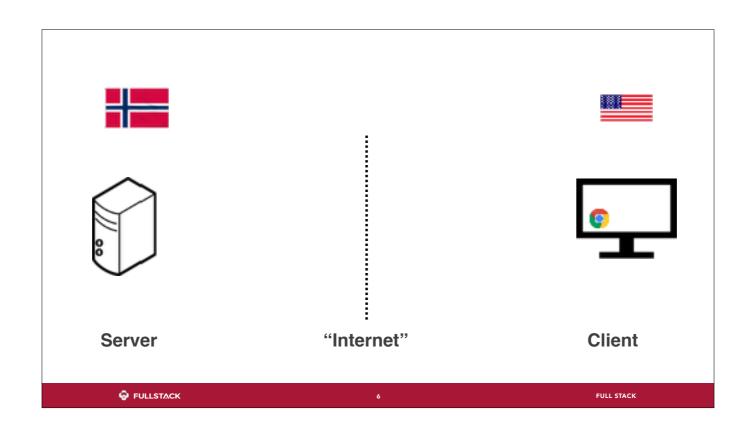
two players - client and server

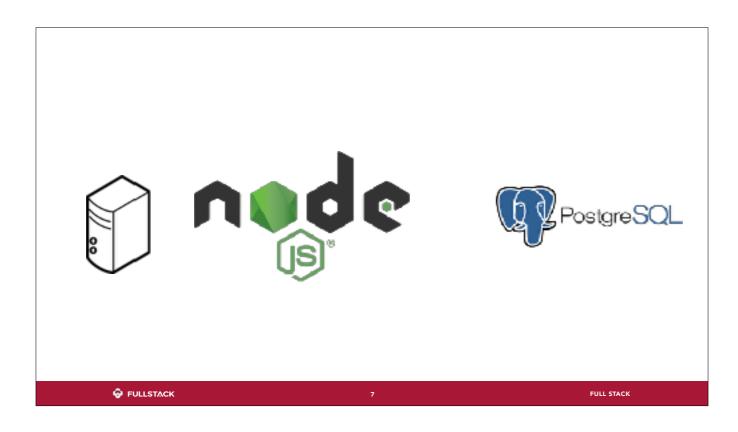














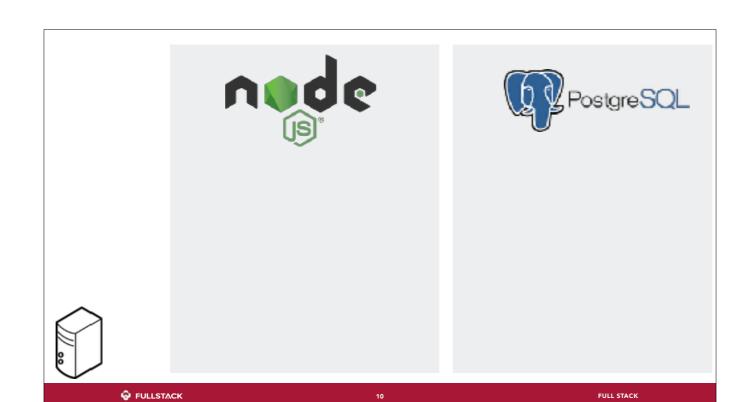
- A JavaScript runtime built on Chrome's V8 JS engine
- Allows execution of JS on an operating system

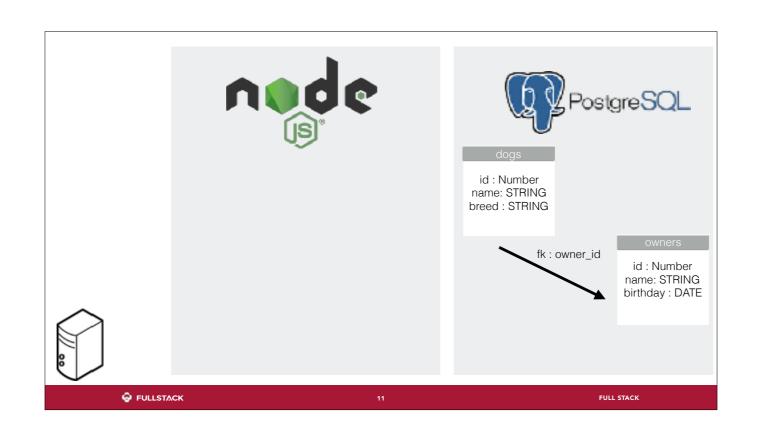


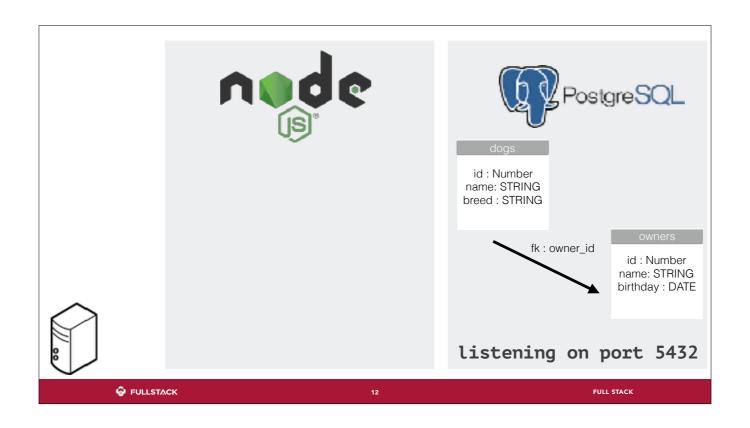
 An open source, object-relational database system



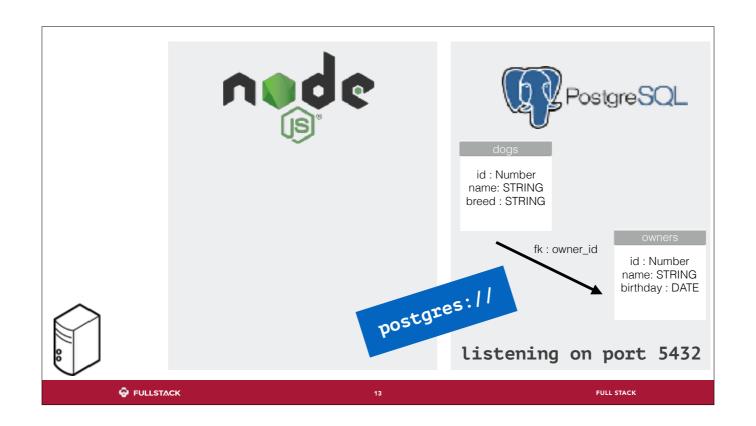
♦ FULLSTACK 9 FULL STACK

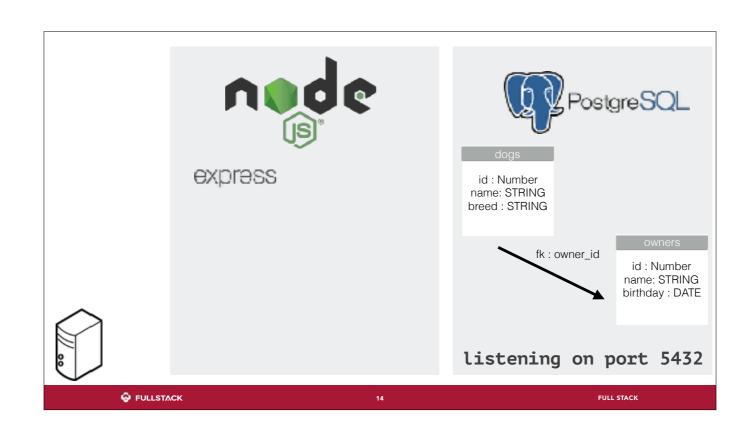


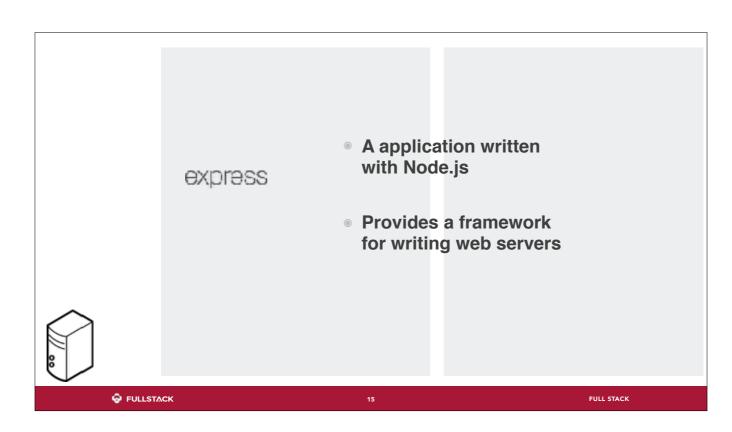


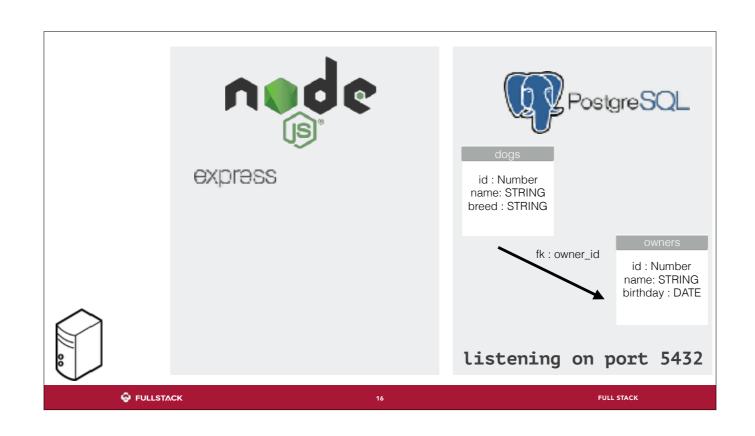


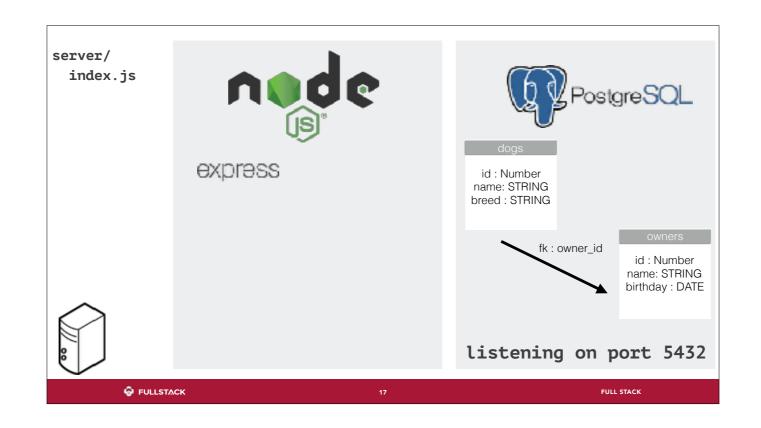
not exposed to the internet

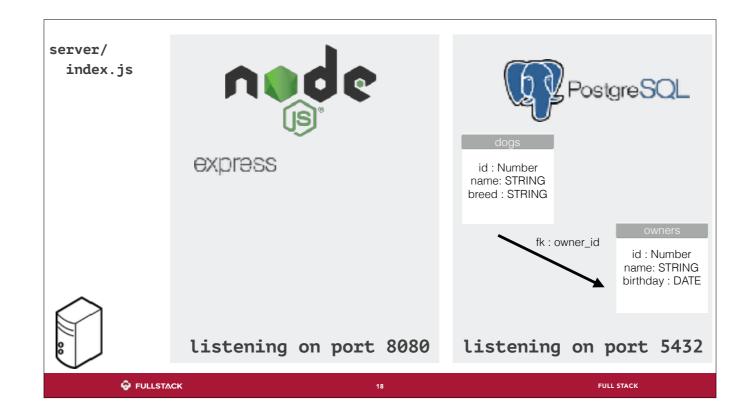


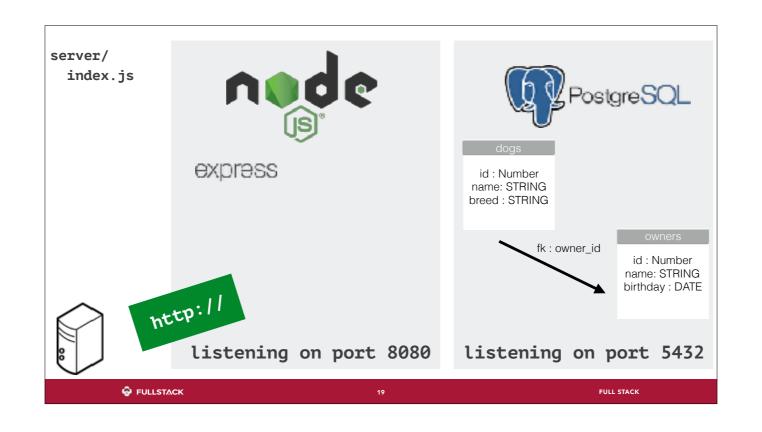


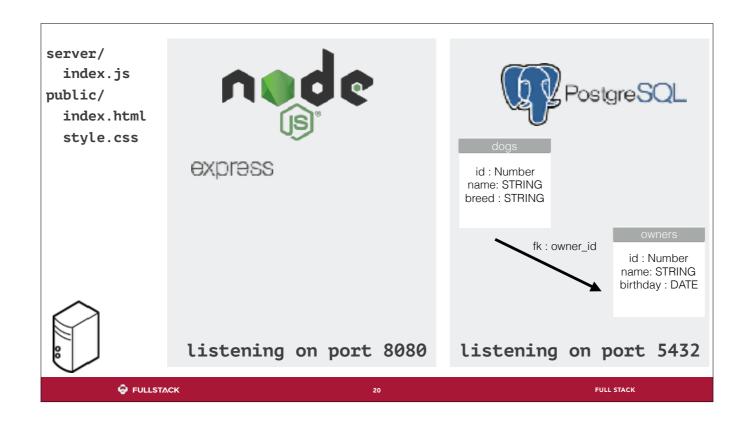


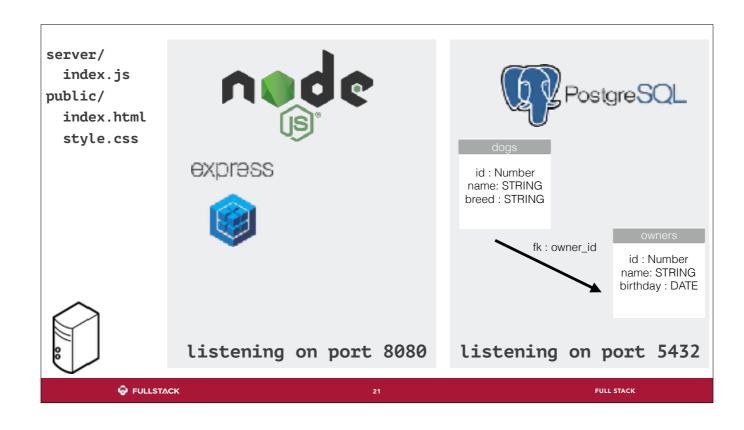












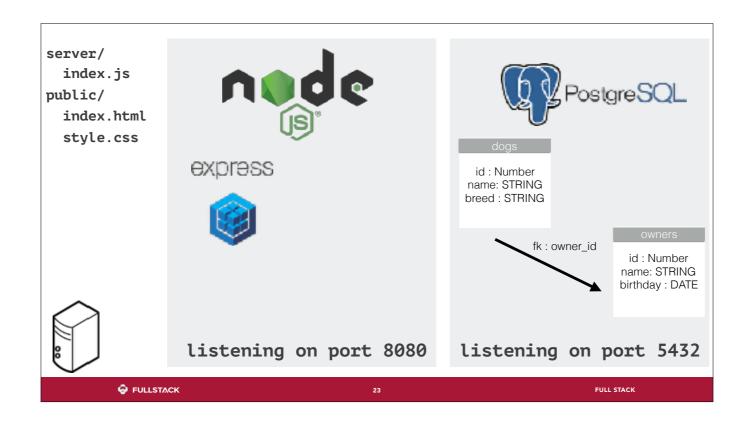


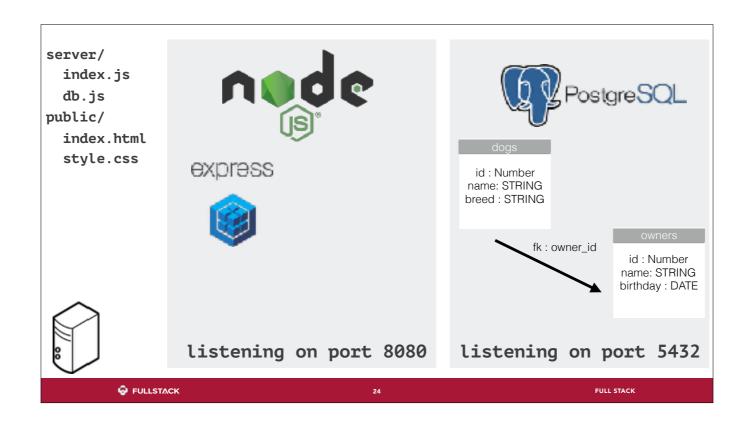


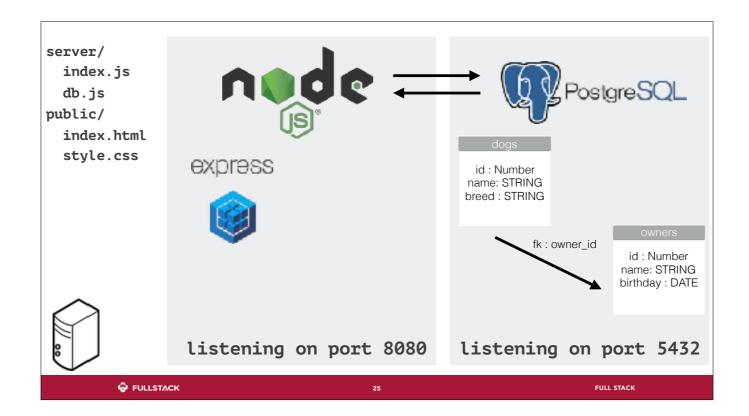
 Provides a framework for interacting with a database from a Node application

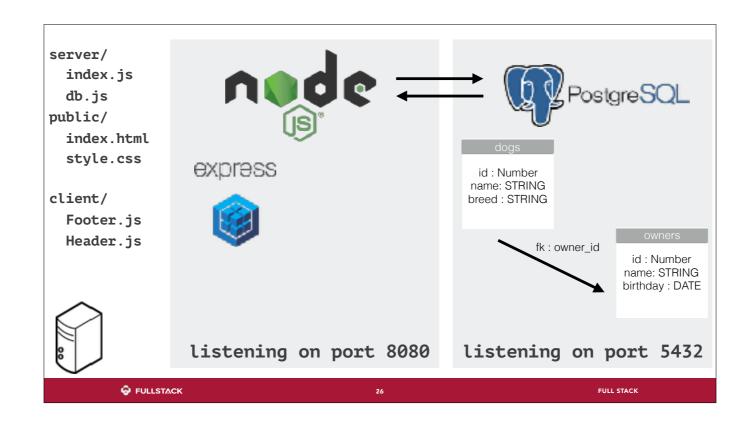


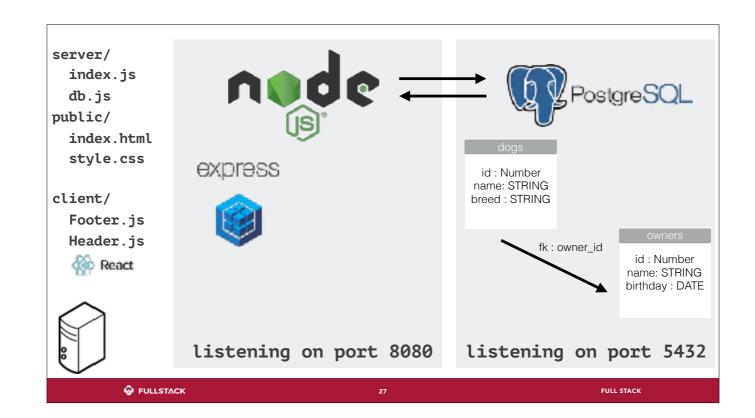
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 22
 FULL STACK

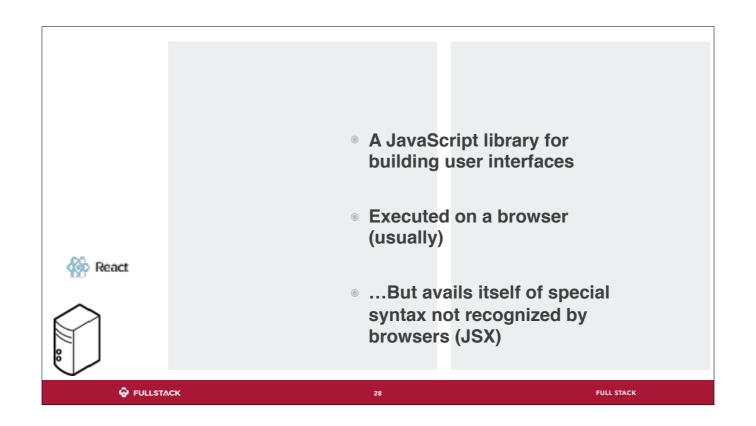




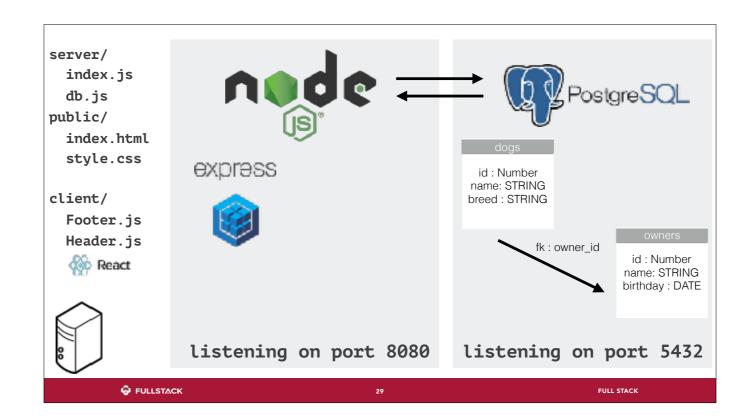


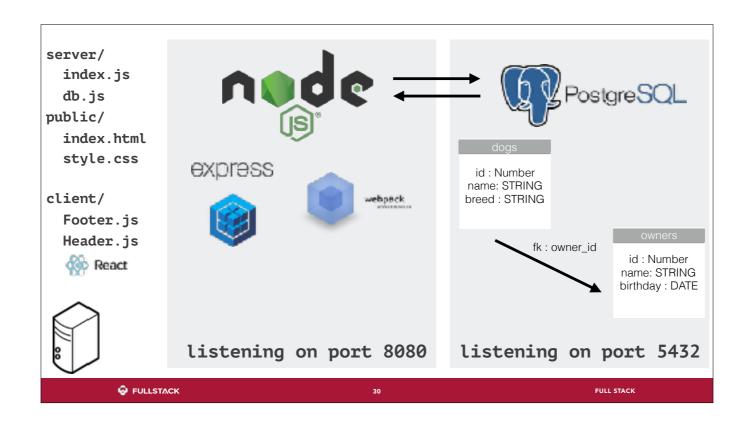


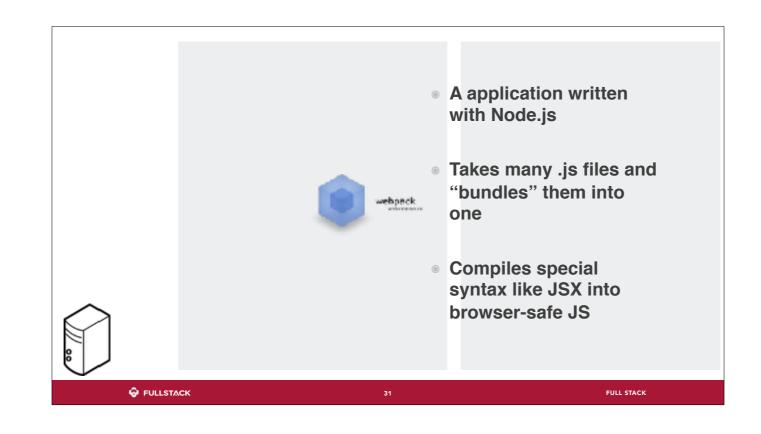


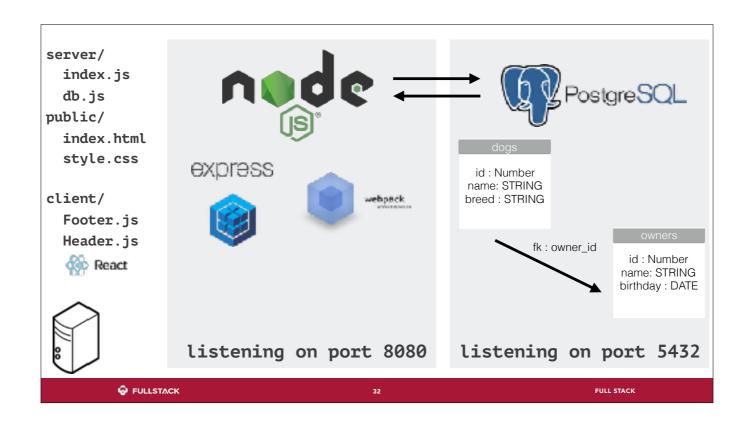


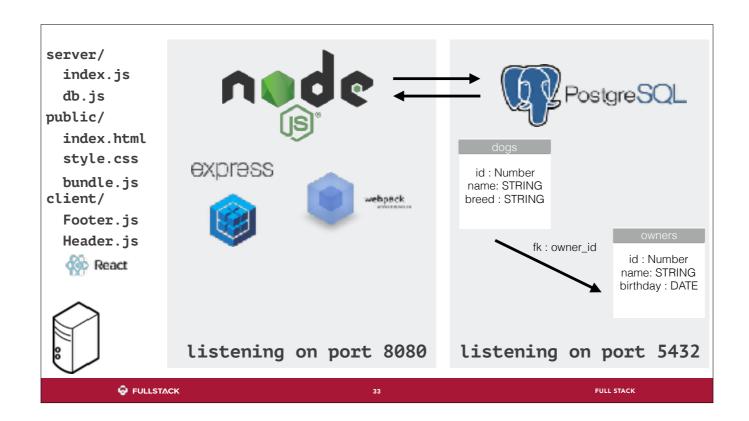
*usually - React is actually flexible and can be used on the server, and in other environments as well, but for now we're just interested in its use on the browser

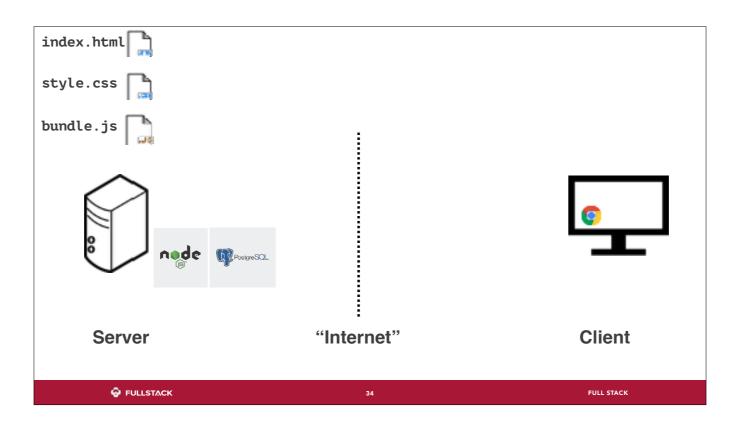


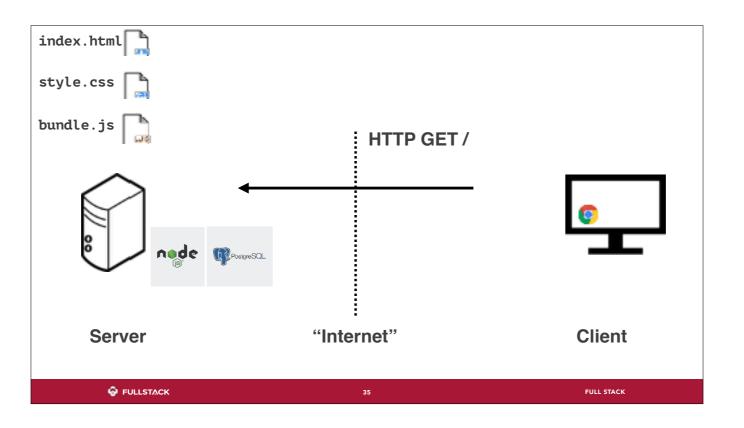


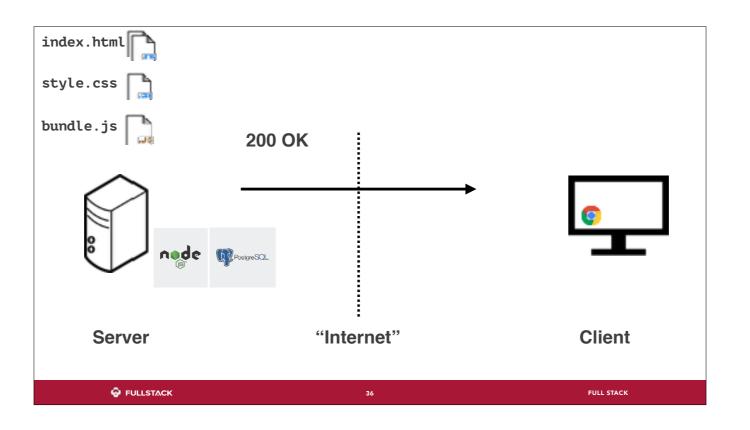














 ♦ FULLSTACK
 37
 FULL STACK



 ♦ FULLSTACK
 38
 FULL STACK



```
<!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
 39
 FULL STACK



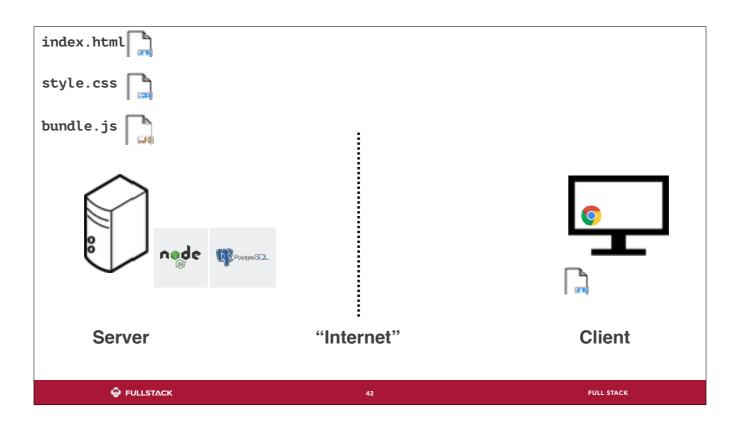
♦ FULLSTACK 40

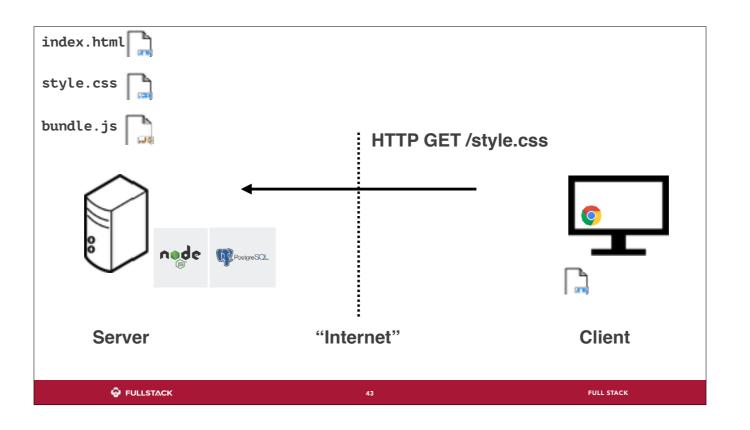
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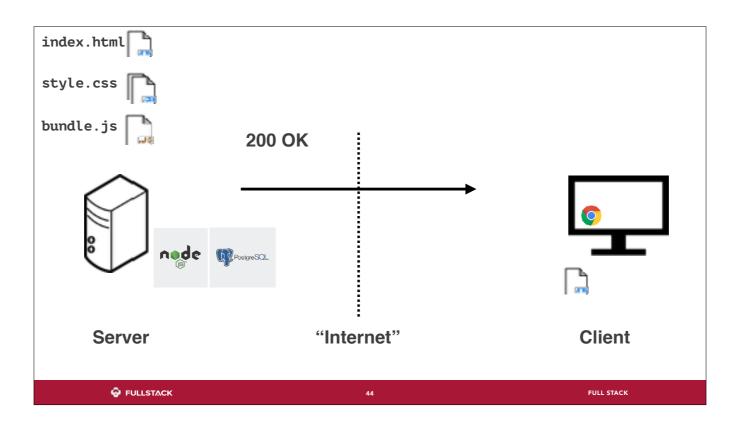




 ♥ FULLSTACK
 41
 FULL STACK









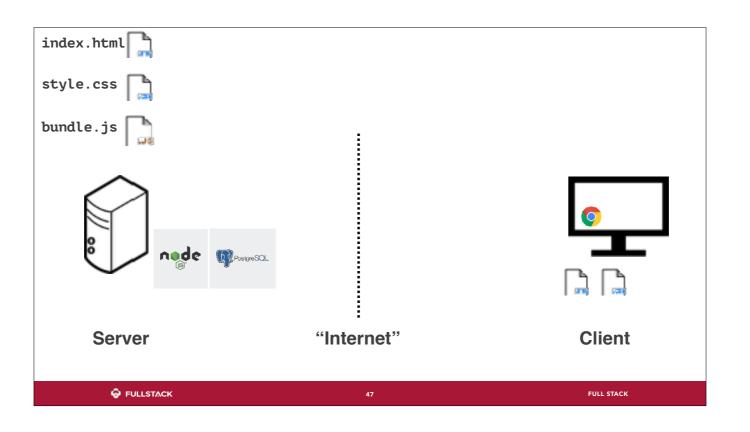
 ♥ FULLSTACK
 45
 FULL STACK

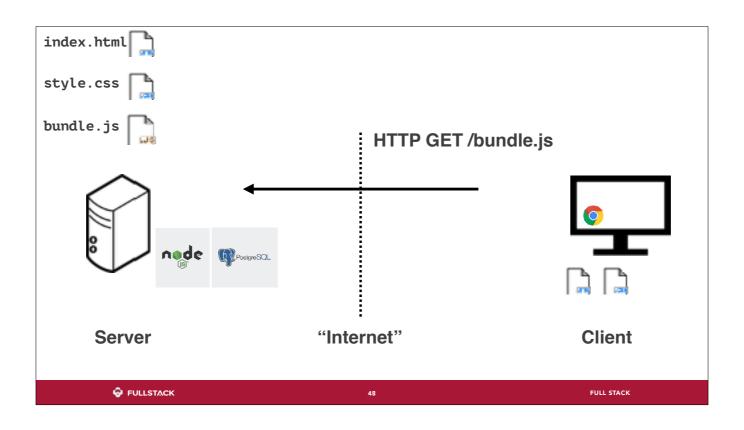


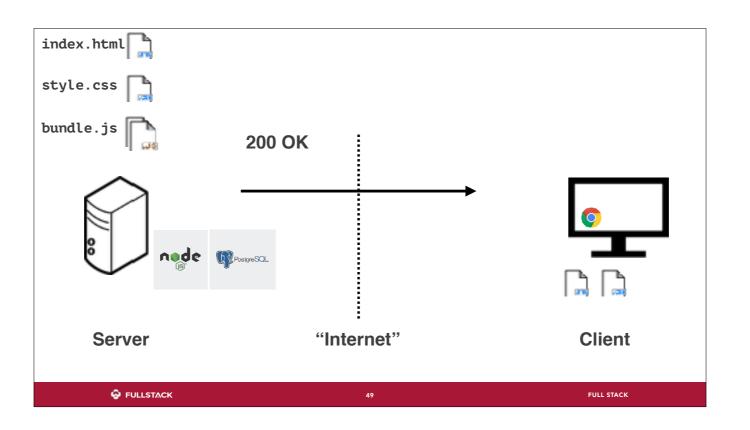


FULL STACK

 ♦ FULLSTACK









♀ FULLSTACK 50

FULL STACK



 ♥ 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



FULL STACK

→ FULLSTACK

54



 ♦ FULLSTACK
 55
 FULL STACK



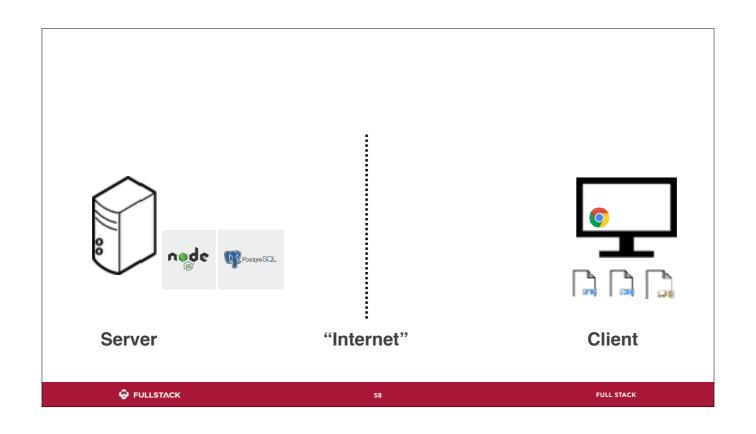
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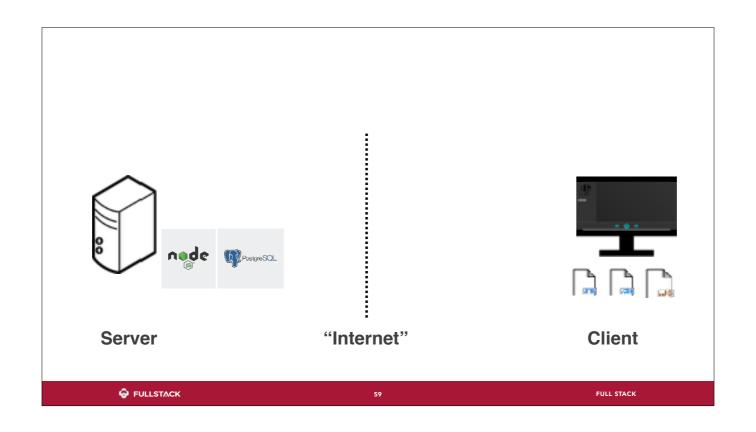
FULL STACK

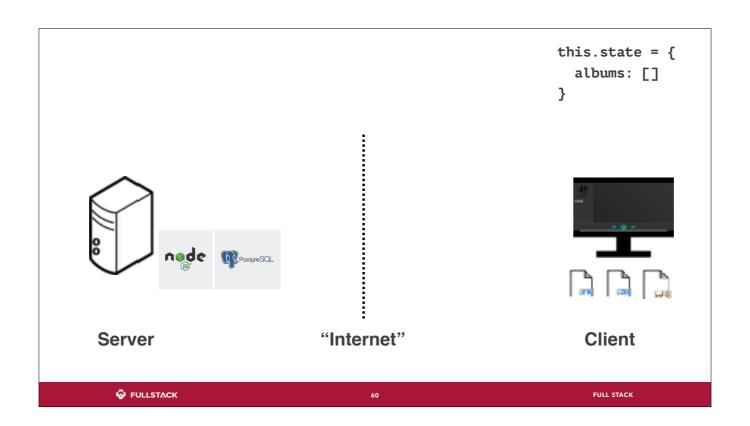


Time to execute this bundle.js file!

 ♦ FULLSTACK
 57
 FULL STACK







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

