

Navigation

(Continues)

[See Archive from week 5 for full code samples.]

Nested Routes

- **EX.:** See src/sample4/.


Objective: Given the route:

`<Route path='/inbox/:userId' component={ Inbox } />`,

when the browser URL is:

1. `/inbox/XXX/statistics` **then render Inbox + Stats components.**
2. `/inbox/XXX/draft` **then render Inbox + Drafts components.**

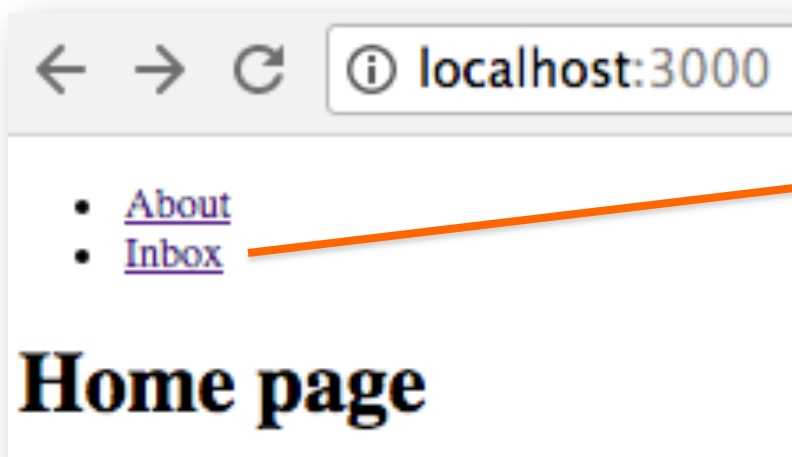
```
const BaseInbox = (props) => {  
  return (  
    <>  
      <h1>Inbox page</h1>  
      <Messages id={props.match.params.userId} />  
      <Route path={` /inbox/:userId/statistics`} component={Stats} />  
      <Route path={` /inbox/:userId/drafts`} component={Draft} />  
    </>  
  );  
};
```



Nested routes

Extended <Link> API

- **Objective:** Pass additional props via a <Link>.
- **EX.:** See /src/sample6/.

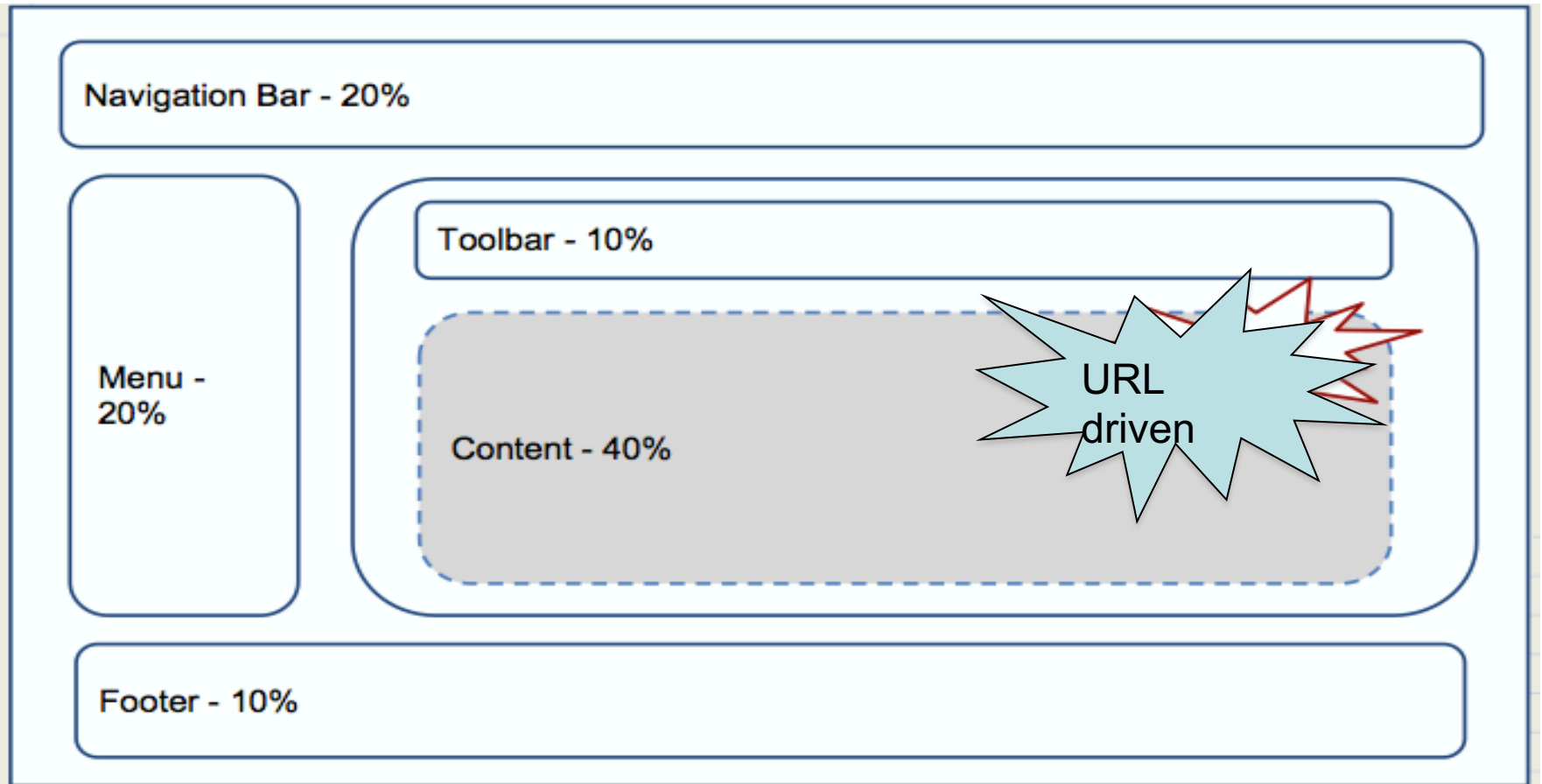


```
<Link
  to={{
    pathname: "/inbox",
    state: {
      alpha: "A",
      beta: "something else"
    }
  }}
>
  Inbox
</Link>
```

```
const Inbox = props => {
  const { alpha, beta } = props.location.state;
  return (
    <>
      <h2>Inbox page</h2>
      <p>`Props: ${alpha}, ${beta}`</p>
    </>
  );
};
```

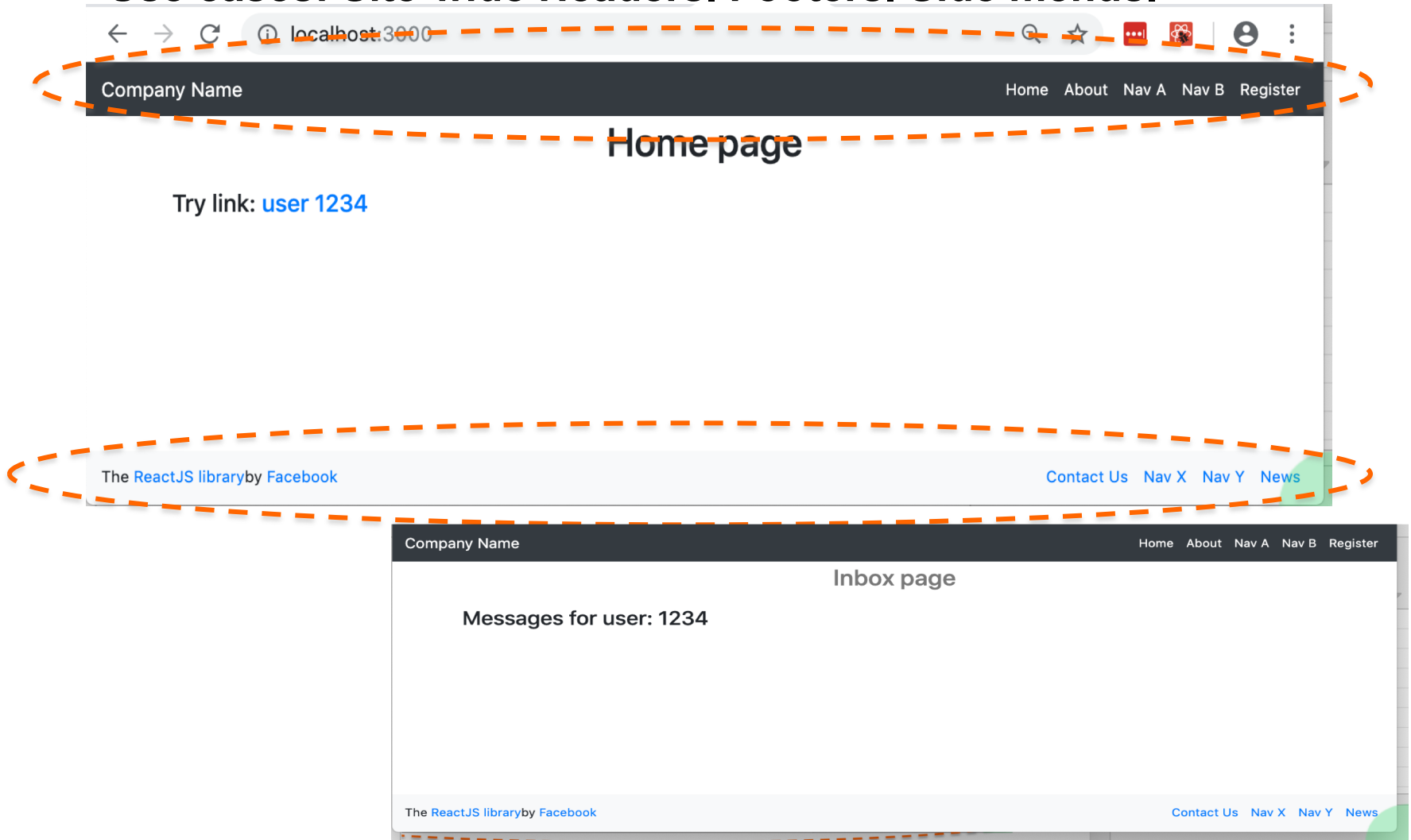
```
<Route path="/inbox" component={Inbox} />
```

Typical Web app layout



Persistent elements/components

- **Use cases: Site-wide Headers. Footers. Side menus.**



Persistent elements/components

- Ref. src/sample8

```
class Router extends Component {  
  render() {  
    return (  
      <BrowserRouter>  
        <div>  
          <Header/>  
          <div className="container">  
            <Switch>  
              <Route path='/about' component={ About } />  
              <Route path='/register' component={ Register } />  
              <Route path='/contact' component={ Contact } />  
              <Route path='/inbox/:userId' component={ Inbox } />  
              <Route exact path='/' component={ Home } />  
              <Redirect from='*' to='/' />  
            </Switch>  
          </div>  
          <Footer />  
        </div>  
      </BrowserRouter>  
    )  
  }  
}
```

Routing

- **Some more routing features next week**