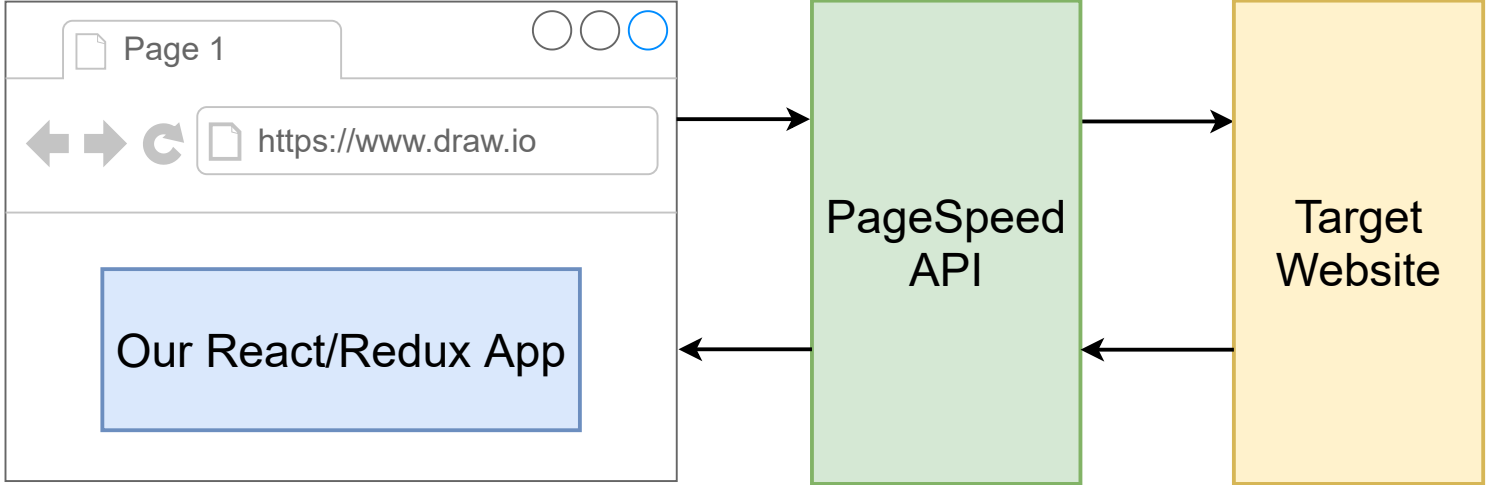
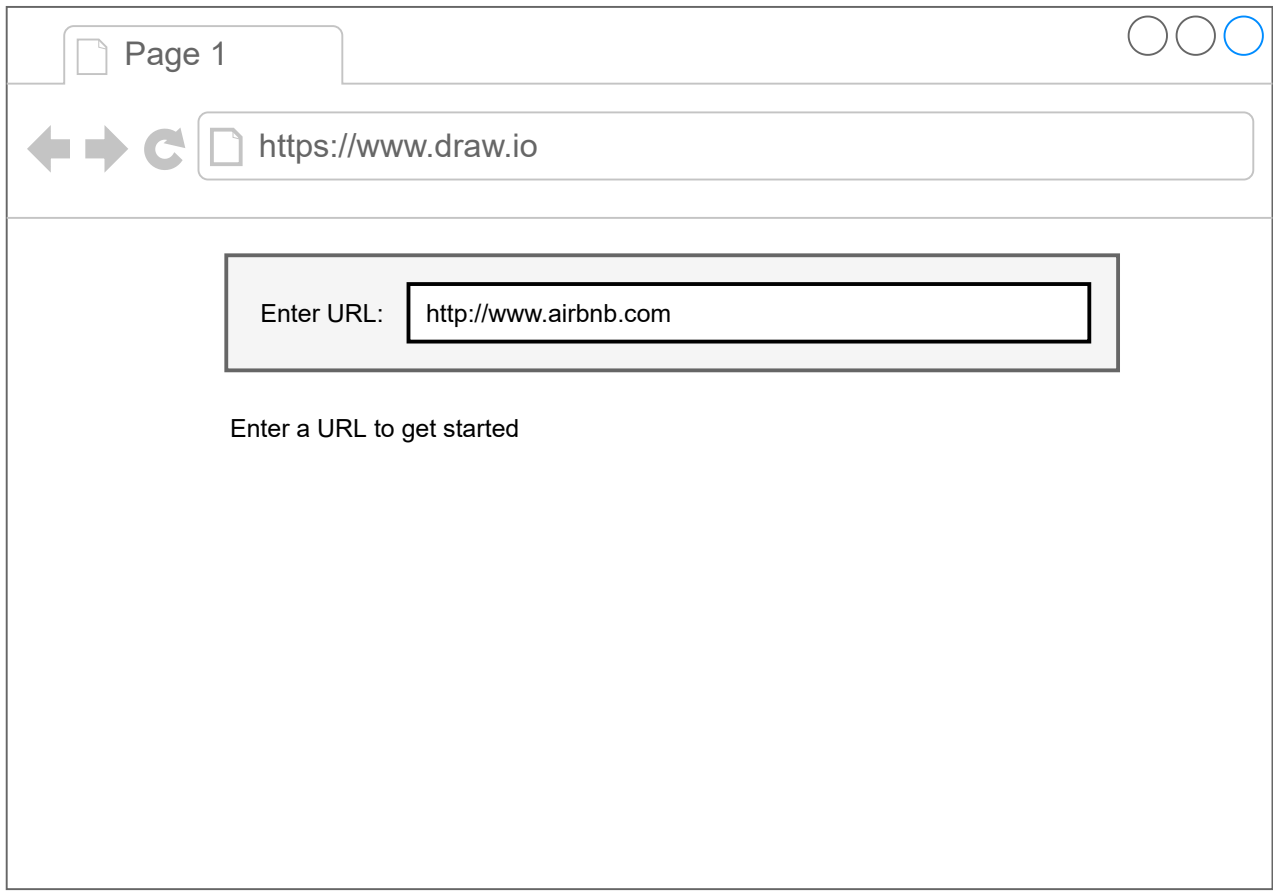


<http://console.developers.google.com>





Page 1

https://www.draw.io

Enter URL:

Report For: http://www.airbnb.com

150	20	4.3	30
Requests	Hosts	MB Loaded	JS Files

! Enable Compression

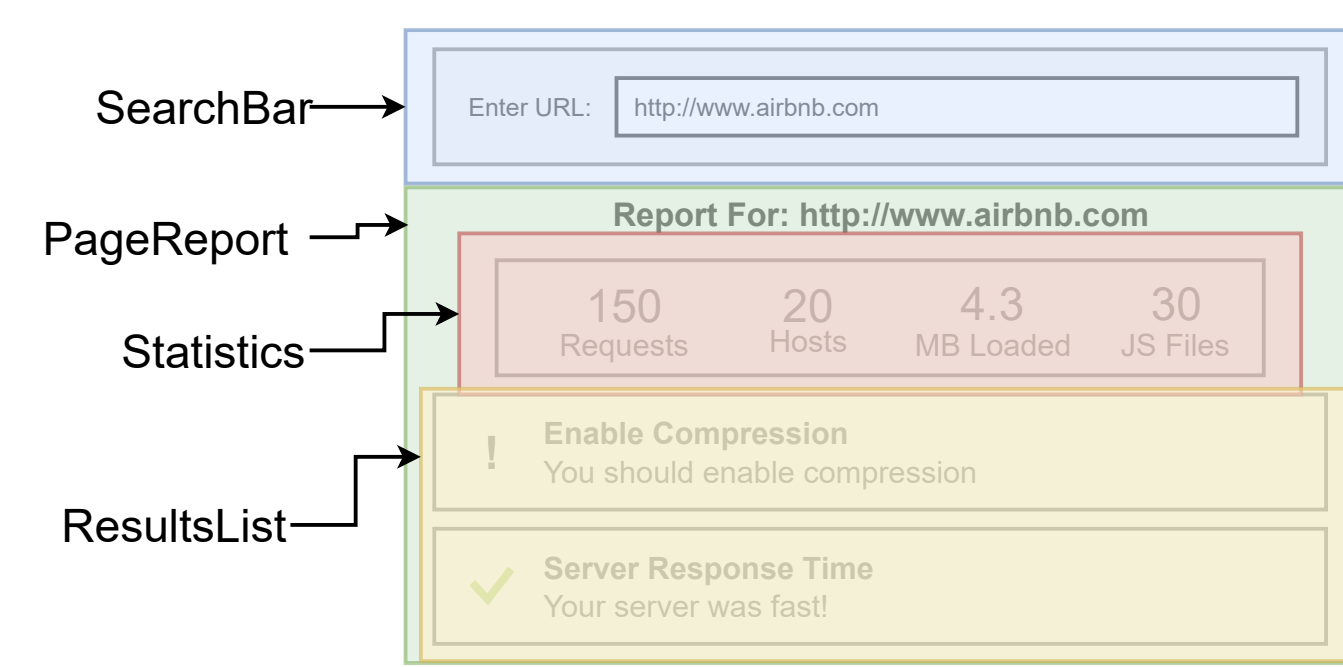
You should enable compression

✓ Server Response Time

Your server was fast!

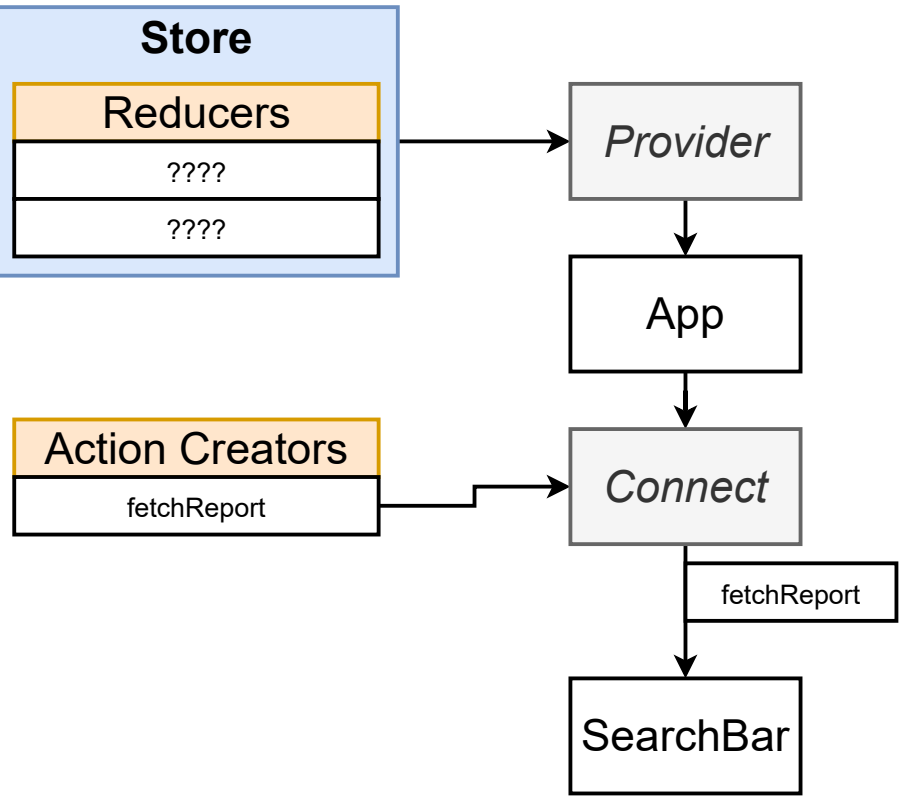
App Challenges

Need to load data from an outside API
API takes a very long time to load - need to make sure user understands this
Extremely likely that API requests will fail - need to handle error cases
Probably don't want to fetch the same site twice - need to cache results
Development with slow API will probably be painful!



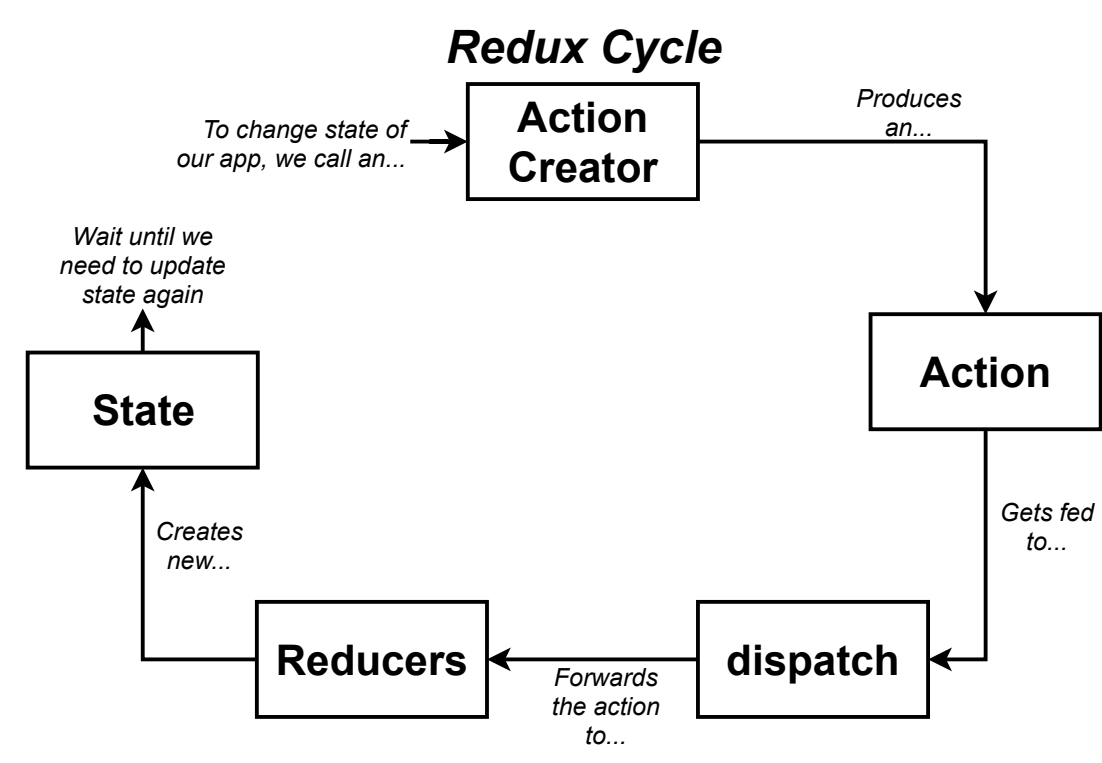
Goal

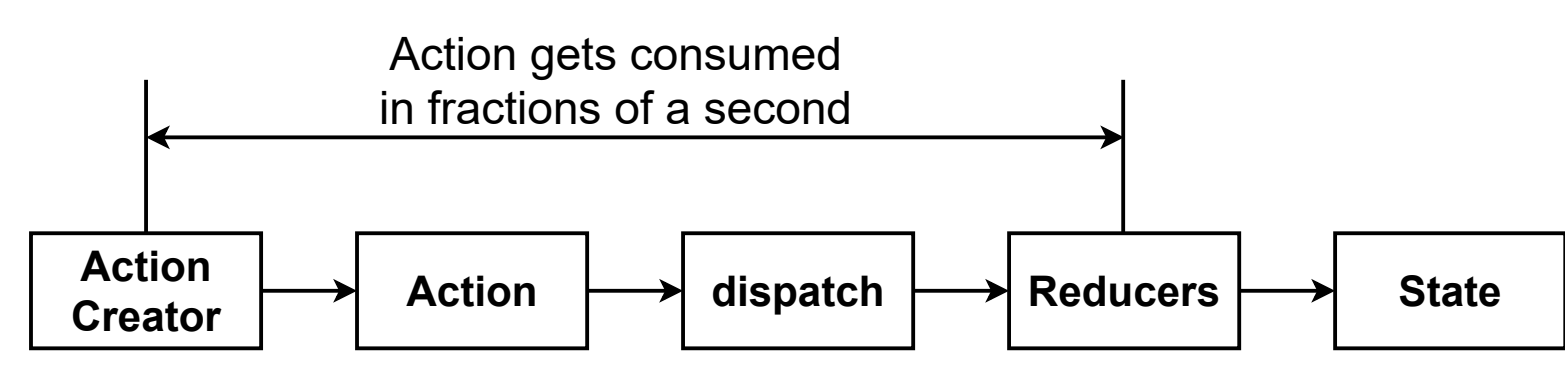
Wire up React/Redux
Create SearchBar
Create action creator to make request
Make sure SearchBar calls action creator to make the request
Make request to PageSpeed Insights API

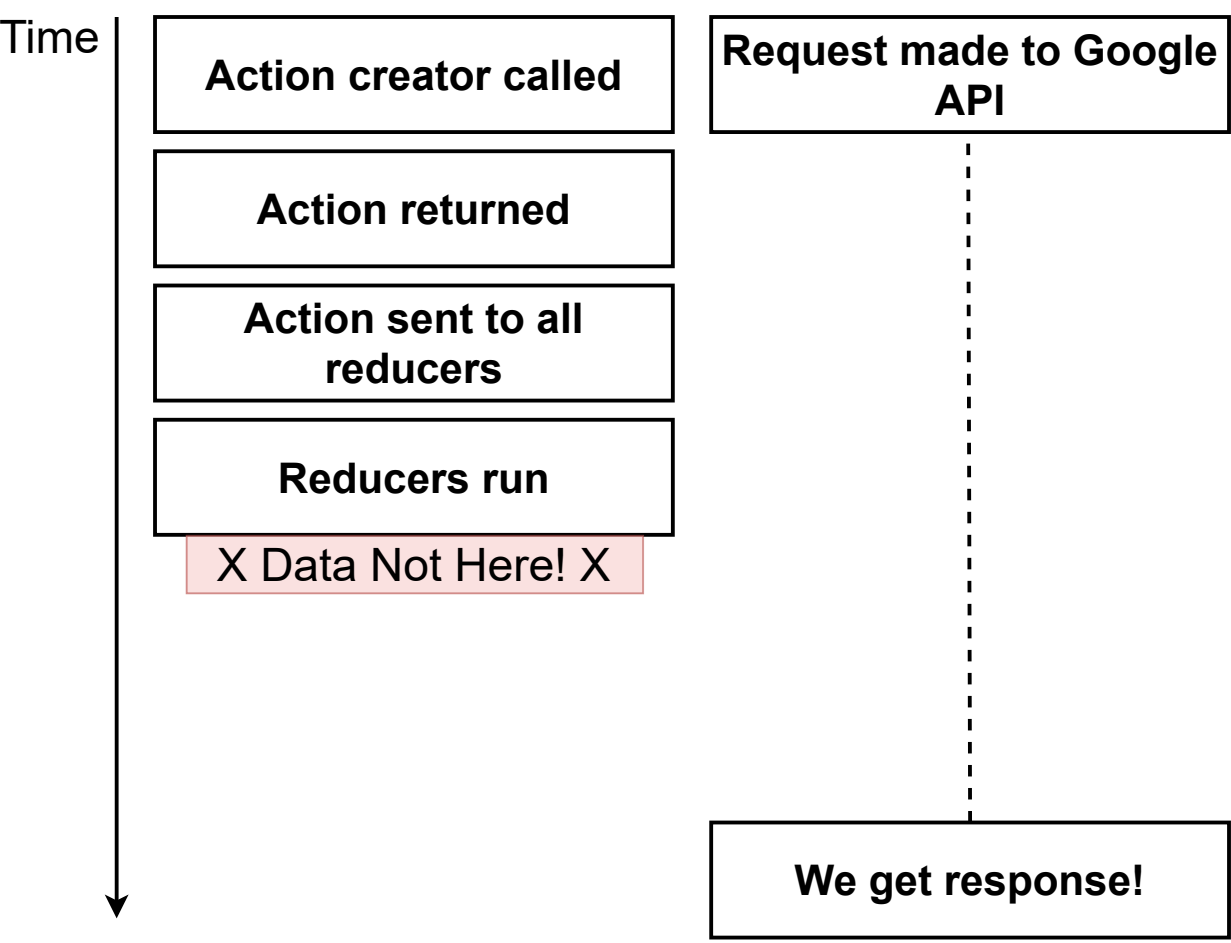










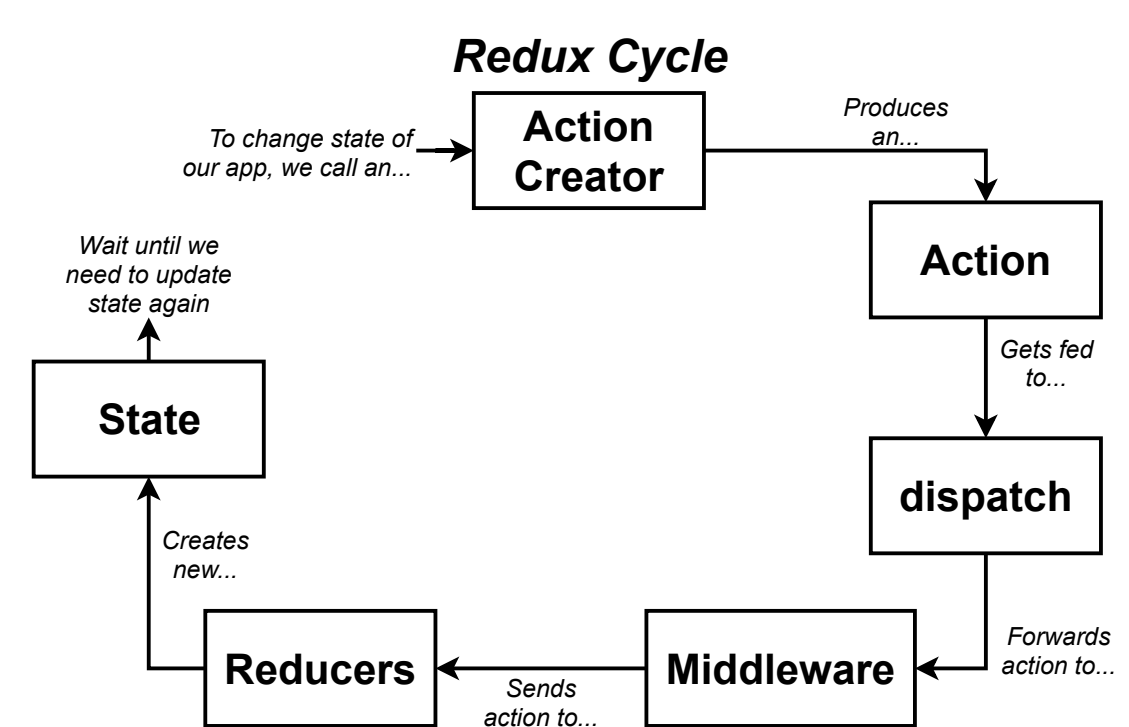


Synchronous action  
creator

*Instantly returns an action  
with data ready to go*

Asynchronous action  
creator

*Takes some amount of time  
for it to get its data ready to go*



Middleware in Redux

Function that gets called with every action we dispatch
Has the ability to <b>STOP, MODIFY</b> , or otherwise mess around with actions
Tons of open source middleware exist
Most popular use of middleware is for dealing with <b>async</b> actions
We are going to use a middleware called 'Redux-Thunk' to solve our <b>async</b> issues

