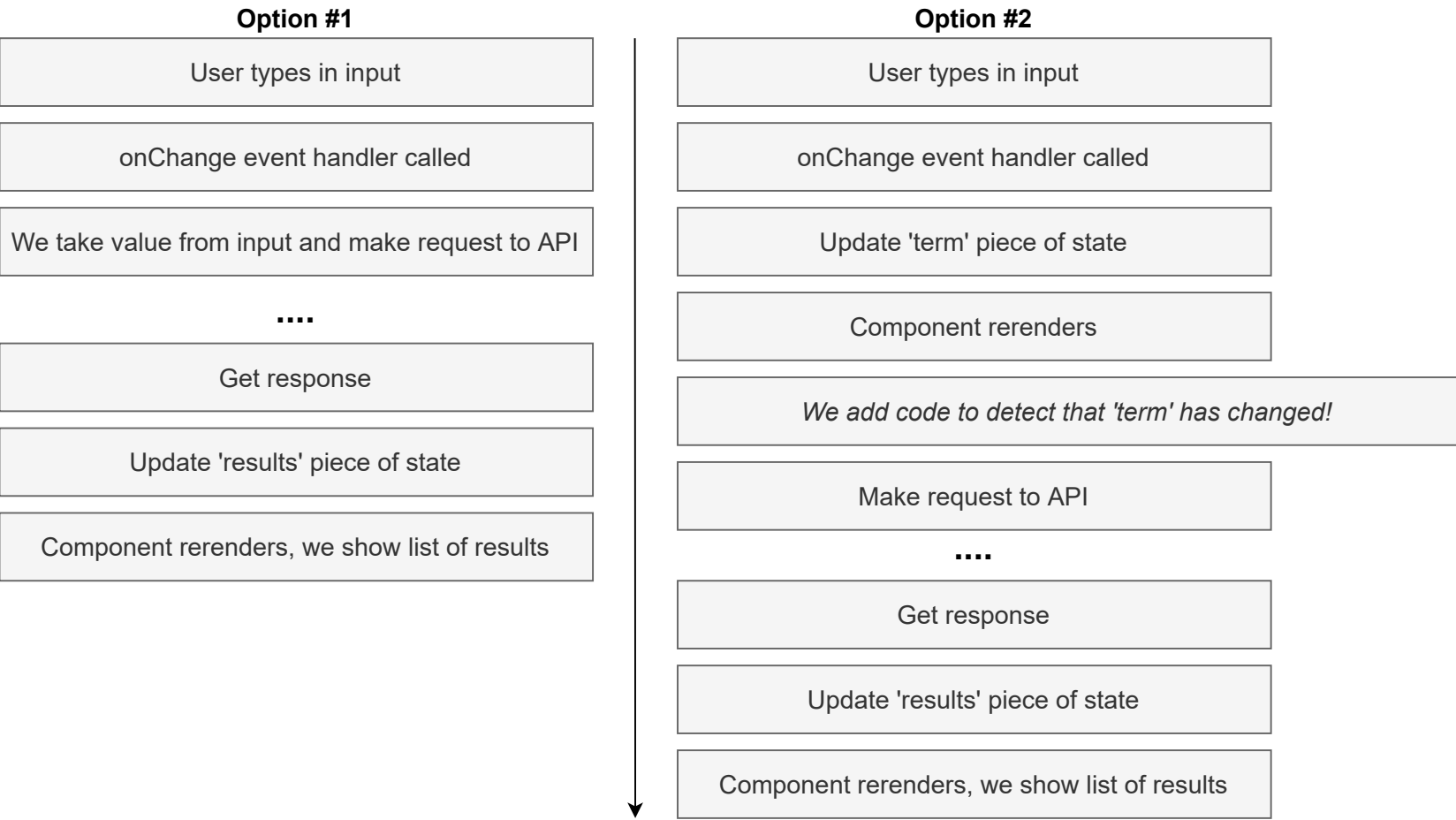


en.wikipedia.org/w/api.php?action=query&list=search&format=json&origin=*&srsearch=programming

Wikipedia API

When Do We Search?



Option #1

Search instantly when onChange event triggers



Tightly couples 'onChange' event with search

Option #2

Search when 'term' piece of state changes



Can easily trigger a search when other parameters change!



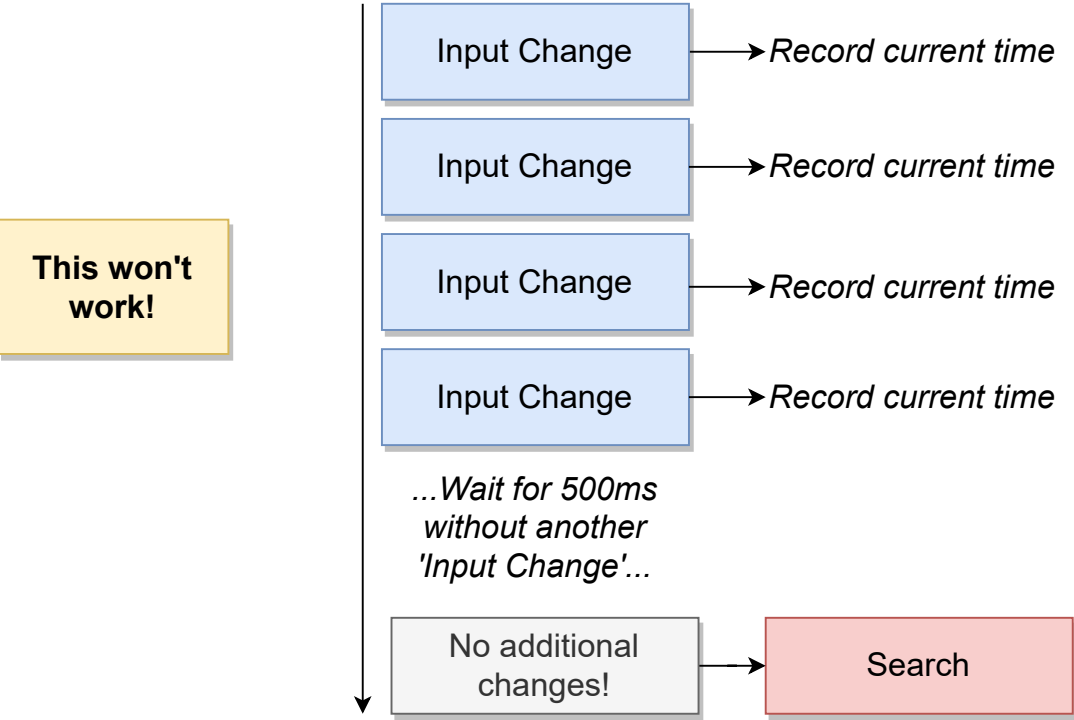
Easier to extract code out into a more reusable function!

The 'useEffect' Hook

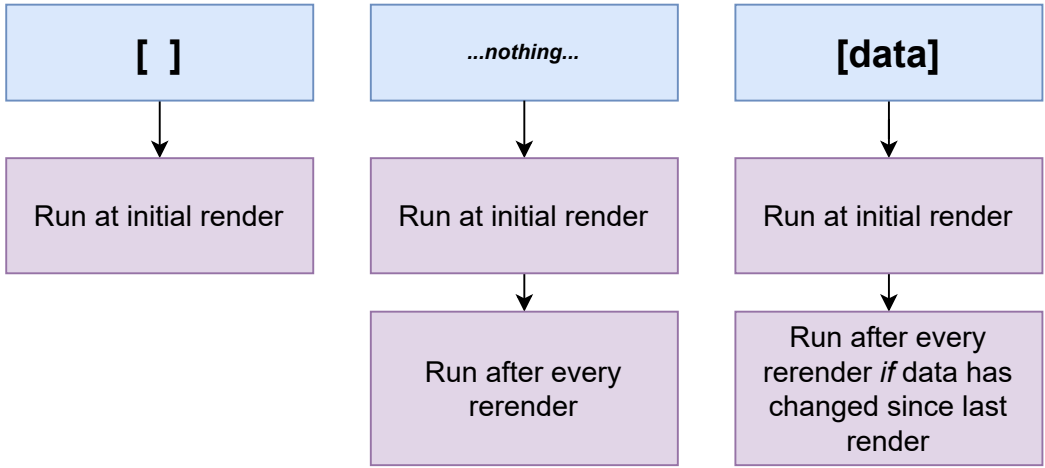
Allows function components to use *something like* lifecycle methods

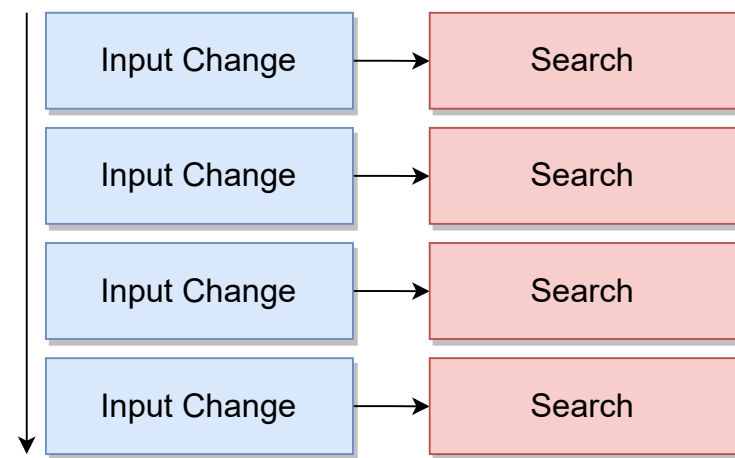
We configure the hook to run some code automatically in one of three scenarios

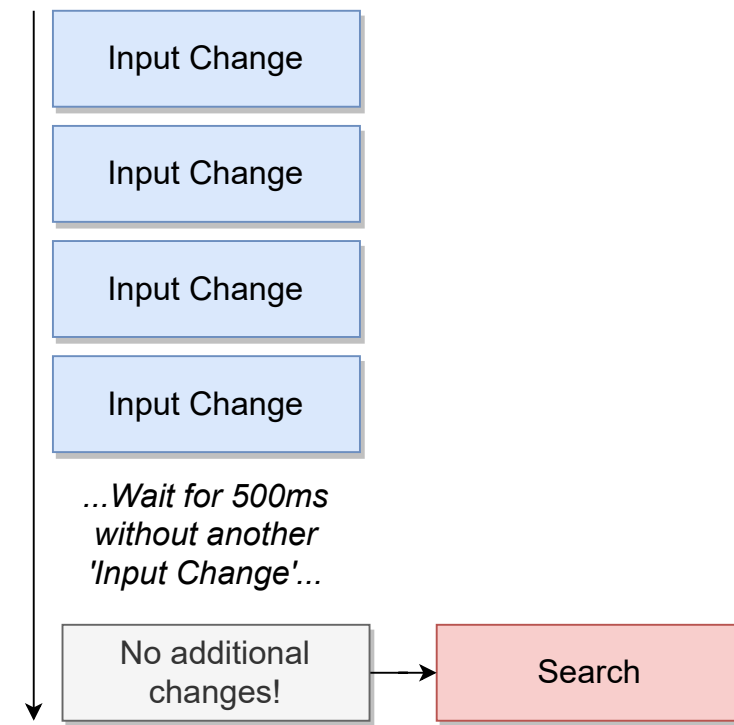
1	When the component is rendered <i>for the first time only</i>
2	When the component is rendered <i>for the first time and whenever it rerenders</i>
3	When the component is rendered <i>for the first time and (whenever it rerenders and some piece of data has changed)</i>

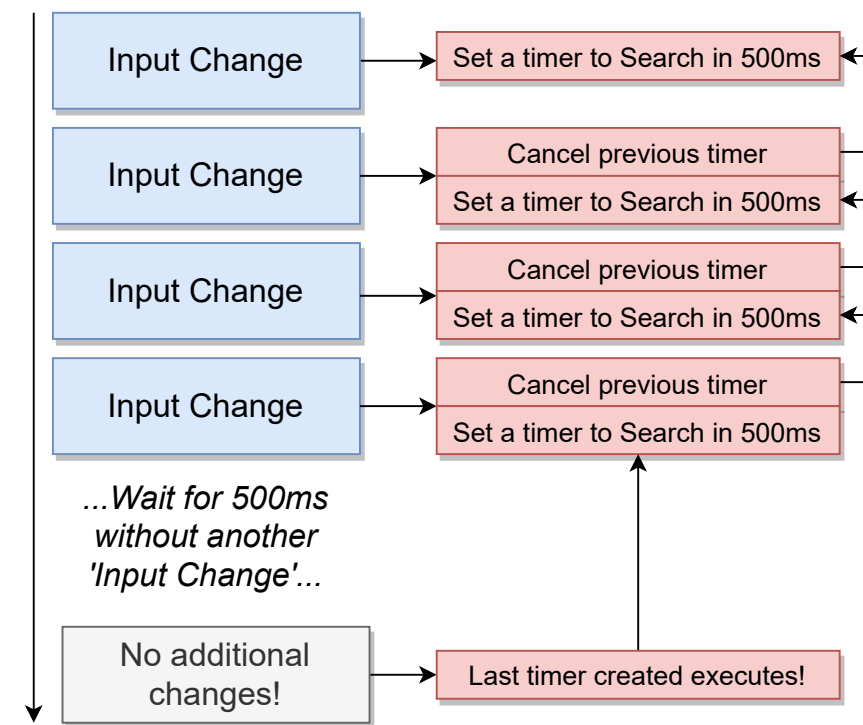


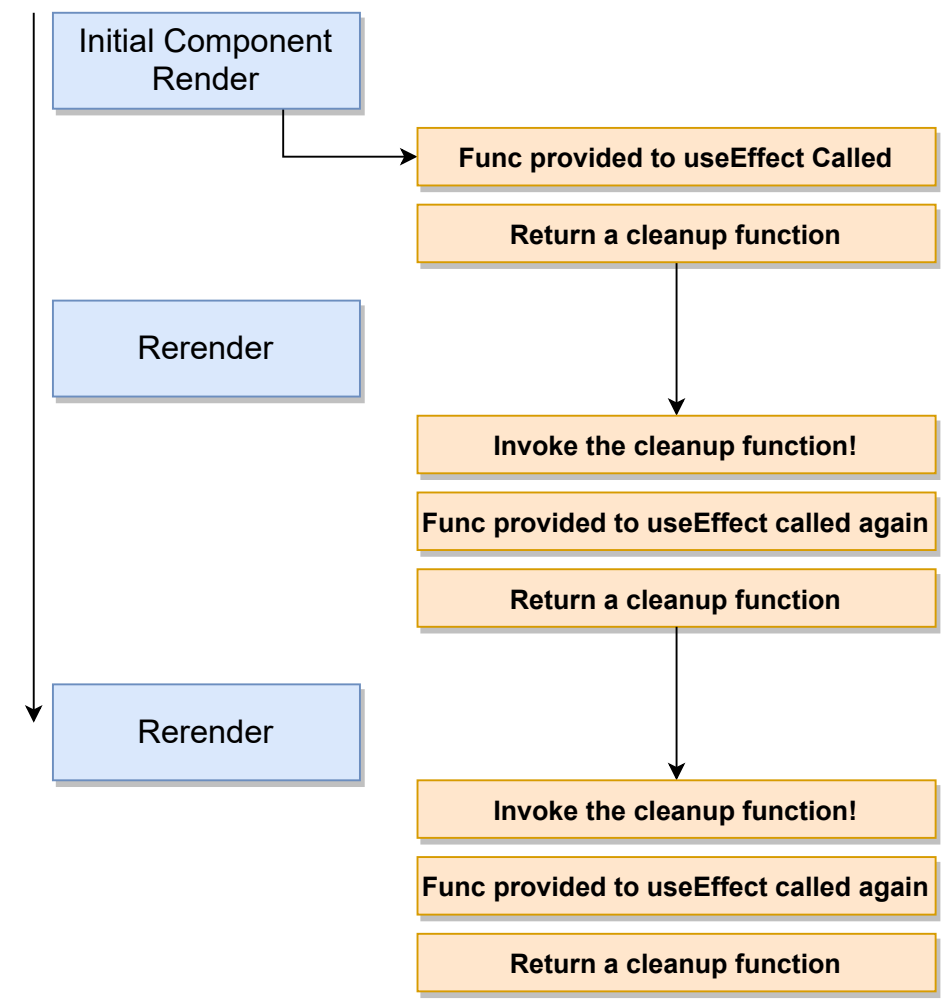
UseEffect Second Arugment

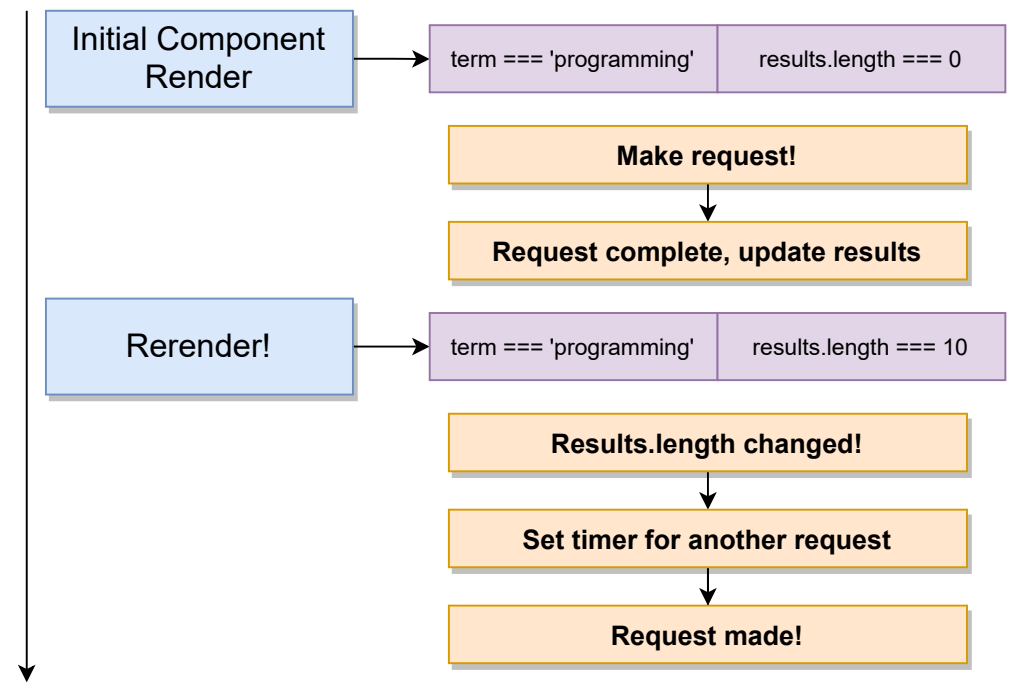




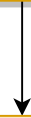








This video is *optional*



We are going to look at a tough
situation around `useEffect`

