

## What is an “Effect” (or a “Side Effect”)?

Main Job: Render UI & React to User Input

Evaluate & Render JSX  
Manage State & Props  
React to (User) Events & Input  
Re-evaluate Component upon State &  
Prop Changes

This all is “baked into” React via the “tools”  
and features covered in this course (i.e.  
useState() Hook, Props etc).

Side Effects: Anything Else

Store Data in Browser Storage  
Send Http Requests to Backend Servers  
Set & Manage Timers  
...

These tasks **must happen outside of the normal component evaluation** and render cycle – especially since they might block/delay rendering (e.g. Http requests)