# Day 3 Review

Daily Standup

1. Something you learned yesterday.

2. What you're looking forward to learning today.

3. Blockers. (confusion, questions, etc).

Event

SyntheticEvent

Event listener attributes

onClick

onMouseOver

onSelect

onChange = { }

Event handler functions

Forms

--Controlled input – has value attribute, change by calling a function

--Uncontrolled input

event.target.value - gives the value of an input

<textarea ref="textRef"></text>

textRef.current.value - access value using a ref

Component Lifecycle - available in Class components

Lifecycle events and methods

* mount / unmount
  + constructor
  + render
  + componentDidMount
    - ajax
  + componentWillUnmount
    - cleanup
* updating
  + componentWillUpdate
  + render
  + componentDidUpdate
* error
  + use for ErrorBoundarys to catch errors in children components

Hooks

- available in function component

- provide access to inner workings of react

useState

useEffect(funct, [dependencies]);

- used to simulate lifecycle methods

- with no dep array, useEffect runs on every render

- with [], useEffect runs only on mount and unmount

const [url,setURL] = useState('');

useEffect(function(){

if (url !== '') {

fetch(url); //first run will fetch('');

}

const myTimer = setInterval(()=>console.log('tick'),1000);

return (()=>clearInterval(myTimer);

}, [url]);