Front-End Development Reactive Programming using Javascript

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Event Handling

Javascript "reacts" to events occuring on an HTML page. Eg: Button click, hover, timer, etc.

Example

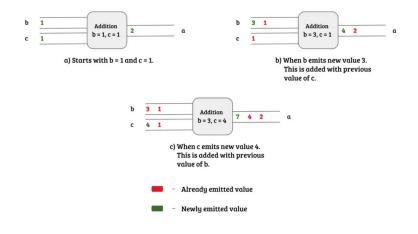
```
<button onclick="this.innerHTML = Date()">
     The time is?
</button>
```

Events

onclick, onmouseover, onload, onkeydown, onfocus etc^a

ahttps://www.w3schools.com/jsref/dom_obj_event.asp

Understanding Reactive Programming



¹Pic credits: https://medium.com/@hharans7889/reactive-programming-as-simple-badb80392baf

Reactive Programming

Reactive Programming is associated with:

- Propagation of change
- Asynchronous data streams

It is a programming paradigm to enable softwares to "react" to changes.

Examples

- Stop watch
- MS Excel formulae

Libraries

- React.js²
- RxJS³
- Node.js⁴



²https://reactjs.org/

³https://rxjs.dev/

⁴https://nodejs.org/en/

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