

Example: Statechart-based UI with XState

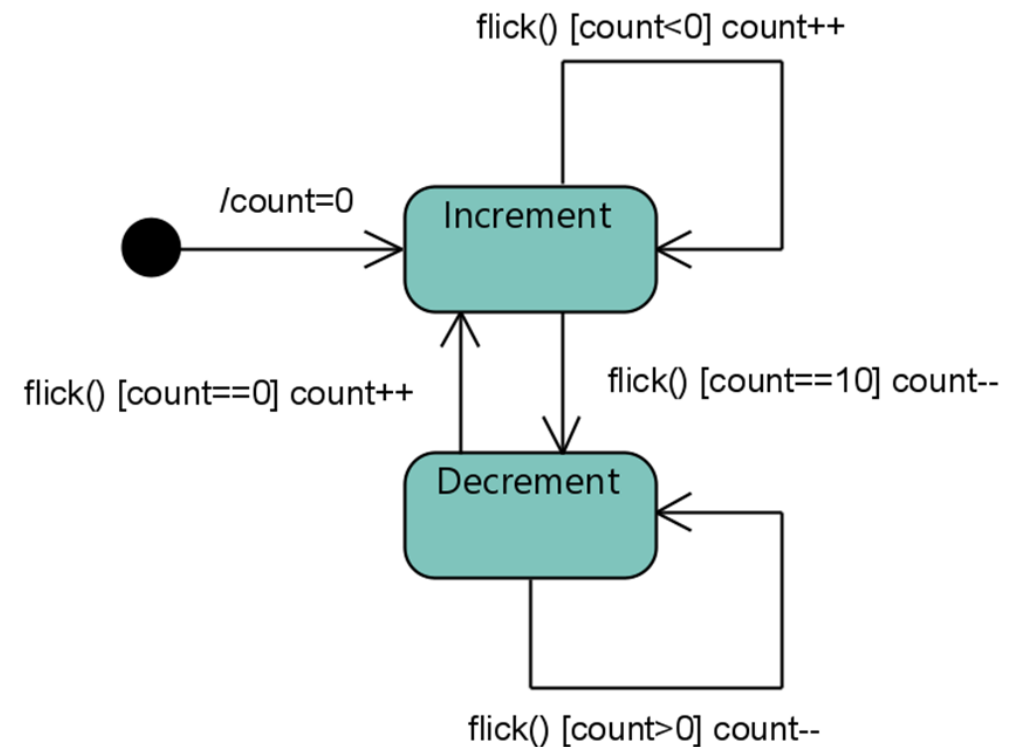
- XState is an open-source Javascript library to create, interpret, and execute statechart models
- Can be integrated with many Javascript UI libraries such as React, Vue, Svelte
- Great at managing UI State through Statecharts
- Also supports testing!
- Available at: <https://xstate.js.org/>



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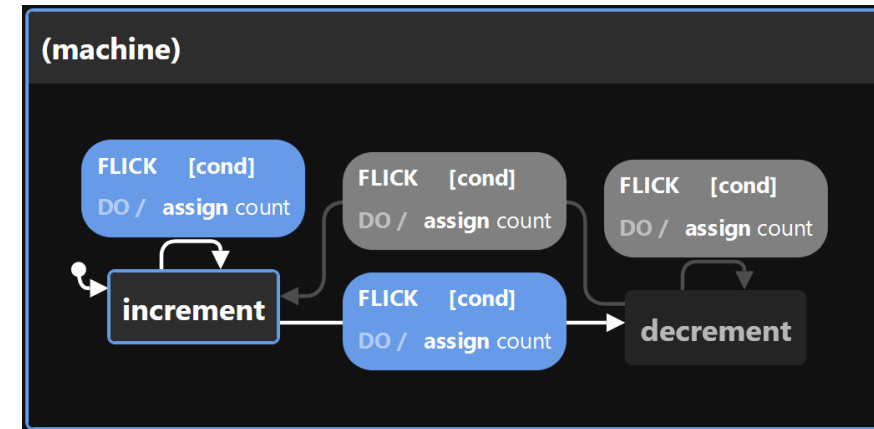
Remember our Counter example?

```
public class Counter {  
  private int count = 0;  
  private String mode = "increment";  
  public void flick() {  
    if(count>10)  
      mode = "decrement";  
    else if (count<0)  
      mode = "increment";  
  
    if(mode.equals("increment"))  
      count++;  
    else  
      count--;  
  }  
}
```



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- Let's implement a simple UI for it, and let's do it the Statechart way, with Xstate and React
- Code Sandbox available [here](#):



The Counter App

