



## 20-2 补充受控组件事件

当 change 事件触发，但是 value 没有发生改变的时候：

packages/react-dom-bindings/src/events/plugins/ChangeEventPlugin.ts

JavaScript

```
function extractEvents(  
  dispatchQueue: DispatchQueue,  
  domEventName: DOMEventName,  
  targetInst: null | Fiber,  
  nativeEvent: AnyNativeEvent,  
  nativeEventTarget: null | EventTarget,  
  eventSystemFlags: EventSystemFlags,  
  targetContainer: EventTarget  
) : void {  
  // textarea input, 文本。其它的类型先不考虑  
  const targetNode = targetInst ? targetInst.stateNode : null;  
  if (isTextInputElement(targetNode)) {  
    if (domEventName === "input" || domEventName === "change") {  
      // inst  
      const inst = getInstIfValueChanged(targetInst as Fiber, targetNo  
      if (!inst) {  
        return;  
      }  
      // input textarea, 文本。
```

```

const listeners = accumulateTwoPhaseListeners(targetInst, "onCha
if (listeners.length > 0) {
  const event = new SyntheticEvent(
    "onChange",
    "change",
    null,
    nativeEvent,
    nativeEventTarget
  );
  dispatchQueue.push({ event, listeners });
}
}
}

function getInstIfValueChanged(
  targetInst: Fiber,
  targetNode: HTMLInputElement
): boolean {
  const oldValue = targetInst.pendingProps.value;
  const newValue = targetNode.value;
  return oldValue !== newValue;
}

```