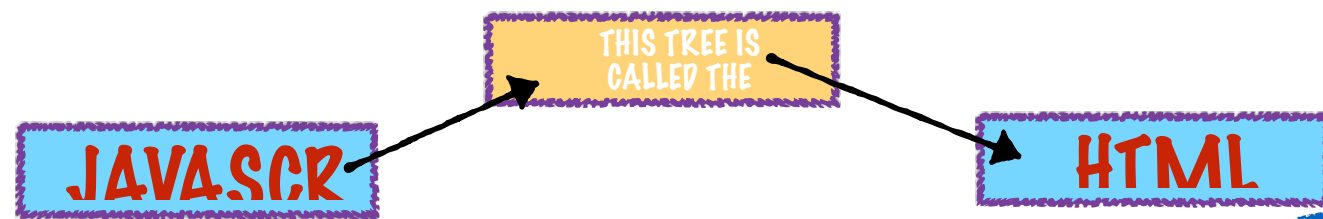


EXAMPLE 53: REACT TO BUTTON CLICKS AND OTHER EVENTS VIA EVENT HANDLERS



CLICKING ON LINKS OR
BUTTONS, MOVING THE MOUSE

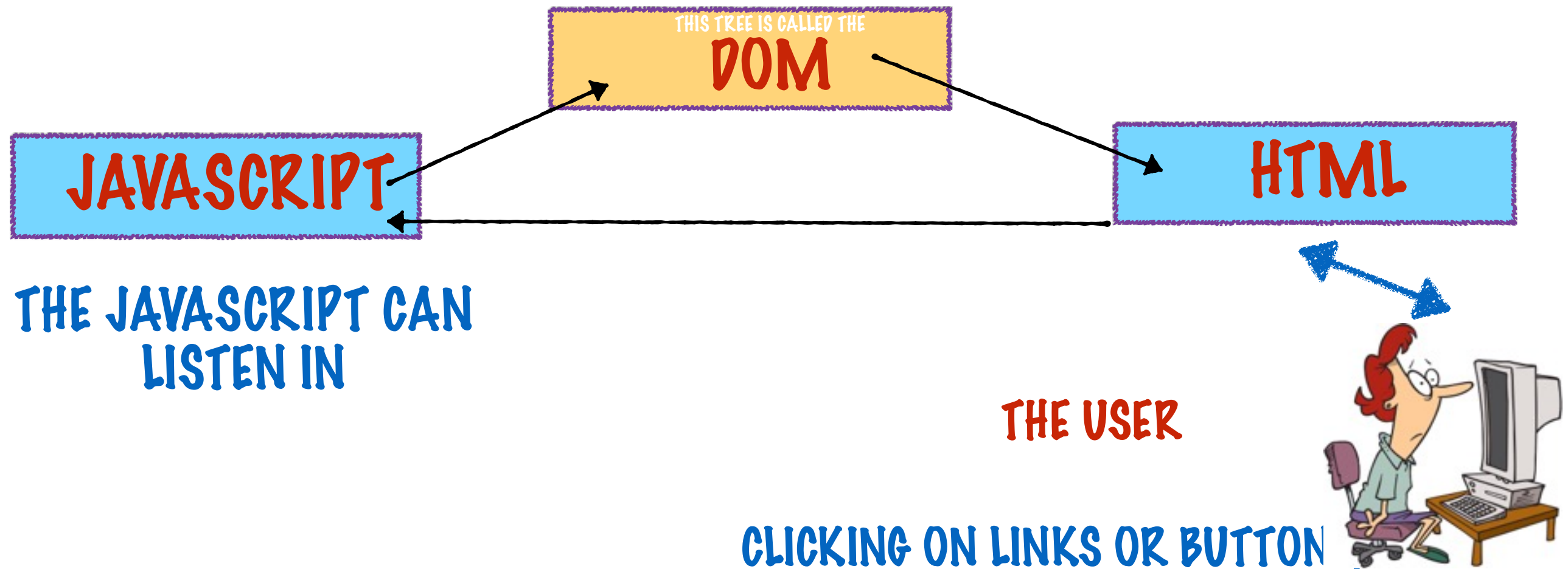
THE USER INTERACTS
WITH THE HTML



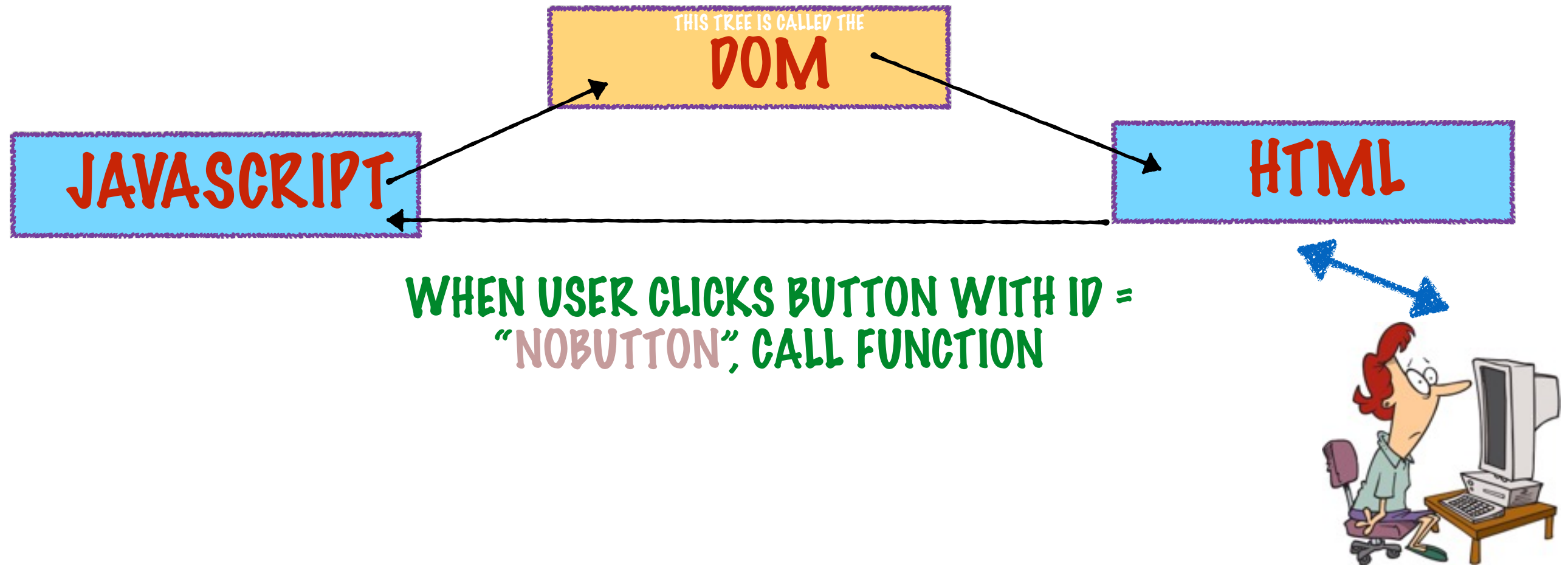
THE JAVASCRIPT
CAN LISTEN IN

BY HANDLING
EVENTS

BY HANDLING EVENTS



```
var noButton =  
document.getElementById("noButton");  
noButton.onclick = countNoVotes;
```



```
var noButton =  
document.getElementById("noButton");  
noButton.onclick = countNoVotes;
```

**THIS LINE OF CODE SPECIFIES THE
EVENT HANDLER**

```
var noButton =  
document.getElementById("noButton");  
noButton.onClick = countNoVotes;
```

THIS LINE OF CODE SPECIFIES THE
EVENT HANDLER

EVENT = "onClick"

```
var noButton =  
document.getElementById("noButton");  
noButton.onclick = countNoVotes;
```

**THIS LINE OF CODE SPECIFIES THE
EVENT HANDLER**

EVENT = "onClick"

EVENT SOURCE = "noButton"

```
var noButton =  
document.getElementById("noButton");  
noButton.onclick = countNoVotes;
```

**THIS LINE OF CODE SPECIFIES THE
EVENT HANDLER**

EVENT = "onClick"

EVENT SOURCE =

EVENT HANDLER = "countNoVotes"

```
function countNoVotes() {  
    noVotes++;  
    var noVotesMessage = document.getElementById("noVotes");  
    noVotesMessage.innerHTML = "# No votes = <b>" + noVotes + "</b><br>";  
}
```


ACTUALLY, WE HAVE USED AN EVENT HANDLER IN EVERY SINGLE JAVASCRIPT EXAMPLE WE HAVE DISCUSSED

```
window.onload = function() {  
    var yesButton = document.getElementById("yesButton");  
    var noButton = document.getElementById("noButton");  
    var yesVotes = 0;  
  
    noButton.onclick = countNoVotes;  
  
    yesButton.onclick = function() {  
        yesVotes++;  
        var yesVotesMessage =  
document.getElementById("yesVotes");  
        yesVotesMessage.innerHTML = "# Yes votes = <b>" +  
yesVotes + "</b><br/>";  
    }  
}
```

ACTUALLY, WE HAVE USED AN EVENT HANDLER IN EVERY SINGLE JAVASCRIPT EXAMPLE WE HAVE DISCUSSED

```
var yesButton = document.getElementById("yesButton");  
var noButton = document.getElementById("noButton");
```

THIS SPECIFIES THE EVENT HANDLER TO MAKE OUR CODE RUN WHEN THE PAGE LOADS!

EVENT = "onload"

EVENT SOURCE = "window"

EVENT HANDLER = AN ANONYMOUS FUNCTION IN WHICH WE WROTE OUR CODE!

EVENT SOURCE = "window"

**BTW, WINDOW IS A SPECIAL OBJECT
IN JAVASCRIPT THAT REFERS TO THE
BROWSER WINDOW.**

ACTUALLY, WE HAVE USED AN EVENT HANDLER IN EVERY SINGLE JAVASCRIPT EXAMPLE WE HAVE DISCUSSED

```
var yesButton = document.getElementById("yesButton");  
var noButton = document.getElementById("noButton");
```

THIS SPECIFIES THE EVENT HANDLER TO MAKE OUR CODE RUN WHEN THE PAGE LOADS!

EVENT = "onload"

EVENT SOURCE = "window"

EVENT HANDLER = AN ANONYMOUS FUNCTION IN WHICH WE WROTE OUR CODE!