

EXAMPLE 54: ADDING MULTIPLE HANDLERS ON THE SAME HTML EVENT

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**WE JUST SAW HOW ITS POSSIBLE TO ADD A
HANDLER TO A SPECIFIC EVENT IN HTML**

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var noButton =  
document.getElementById("noButton");  
noButton.onclick = countNoVotes;
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BUT WHAT IF WE WOULD LIKE TO INSTALL
2 HANDLERS ON THE SAME EVENT?

IT TURNS OUT, ALL HTML ELEMENT OBJECTS HAVE
A PROPERTY CALLED `addEventListener`

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WE CAN USE `addEventListener` TO ADD AS
MANY EVENT LISTENERS AS WE WOULD LIKE

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yesButton.addEventListener("click", hiFive);
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THIS IS EQUIVALENT TO

```
yesButton.onclick = hiFive
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```
var hiFive = function() {  
    alert("Hi-five! #yes votes = " + yesVotes + "#no votes  
" + noVotes);  
}
```

**REMEMBER, yesButton IS A JAVASCRIPT
OBJECT WE GOT FROM THE DOM**

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MANY EVENT LISTENERS AS WE WOULD LIKE

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yesButton.addEventListener("click", hiFive);
```

THIS IS EQUIVALENT TO

```
yesButton.onclick = hiFive
```

```
var hiFive = function() {  
  alert(  
    "You clicked the button!"  
  );  
}
```

**SO, LIKE ALL HTML DOM OBJECTS, IT SUPPORTS
addEventListener**

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OBJECT WE GOT FROM THE DOM

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WHAT EVENT DO WE CARE
ABOUT? THE `click` EVENT

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WHAT EVENT DO WE CARE

WHAT FUNCTION SHOULD BE CALLED WHEN THE
BUTTON IS CLICKED? THE `hiFive` FUNCTION

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WHAT EVENT DO WE CARE

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