JavaScript Keyboard Events

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The keydown Event

The `onkeydown` event occurs when the user presses a key on the keyboard.

You can use `event.key` to get the value of the key that was pressed:

```
<!DOCTYPE html>
<html>
<body>

<h2>JavaScript Keyboard Events</h2>
<p>From w3schools.com, Experiment by Teeratus_R</p>

<h4>The keydown Event</h4>
<p>Press a key in the input field:</p>
<input type="text" id="myInput" placeholder="Type something...">
<p id="demo"></p>

<script>
document.getElementById("myInput").addEventListener("keydown", function(event) {
  document.getElementById("demo").innerHTML = "Key pressed: " + event.key;
});
</script>

</body>
</html>
```

Example 1

Result View Example

Key Properties

Keyboard events have the following important properties:

Property	Description
`event.key`	Returns the key value (character) of the key pressed
`event.code`	Returns the physical key code (e.g. "Enter", "KeyA")
`event.altKey`	Returns true if the ALT key was pressed
`event.ctrlKey`	Returns true if the CTRL key was pressed
`event.shiftKey`	Returns true if the SHIFT key was pressed
`event.metaKey`	Returns true if the META key (Windows key / Cmd) was pressed

Detect Enter

You can detect if the Enter key was pressed by checking `event.code === "Enter"`:

```
<!DOCTYPE html>
<html>
<body>

<h2>JavaScript Keyboard Events</h2>
<p>From w3schools.com, Experiment by Teeratus_R</p>

<h4>Detect Enter</h4>
<input type="text" id="in01" placeholder="Press Enter">
<p id="demo"></p>

<script>
const in01 = document.getElementById("in01");
in01.addEventListener("keydown", function(event) {
  if (event.code === "Enter") {
    document.getElementById("demo").innerHTML = "Enter was pressed!";
  }
});
</script>

</body>
</html>
```

Example 2

Result View Example

Document

Document in project

You can Download PDF file.

Reference

- W3Schools JavaScript Keyboard Events