Element: scroll event

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The `scroll` event fires when an element has been scrolled. To detect when scrolling has completed, see the scrollend event of `Element`.

Syntax

Use the event name in addEventListener():

```
addEventListener("scroll", (event) => { })
```

Alternatively, assign to the event handler property of the interface:

```
onscroll = (event) => { }
```

Event type

A generic Event.

Examples

The following examples show how to use the `scroll` event with an event listener and with the `onscroll` event handler property. The setTimeout() method is used to throttle the event handler because `scroll` events can fire at a high rate. For additional examples that use requestAnimationFrame(), see the `Document` scroll event page.

Using `scroll` with an event listener

The following example shows how to use the `scroll` event to detect when the user is scrolling inside an element:

```
<div id="scroll-box">
  <p>Scroll me!</p>
</div>
<p id="output">Waiting on scroll events...</p>
```

```
#scroll-box {
  overflow: scroll;
  height: 100px;
  width: 100px;
  float: left;
}

#scroll-box p {
  height: 200px;
  width: 200px;
}

#output {
  text-align: center;
}
```

```
const element = document.querySelector("div#scroll-box");
const output = document.querySelector("p#output");

element.addEventListener("scroll", (event) => {
  output.textContent = "Scroll event fired!";
```

```
  setTimeout(() => {
    output.textContent = "Waiting on scroll events...";
  }, 1000);
});
```

Using `onscroll` event handler property

The following example shows how to use the `onscroll` event handler property to detect when the user is scrolling (but note that this replaces other event listeners added using `onscroll`, if any):

```
<div id="scroll-box">
  <p>Scroll me!</p>
</div>
<p id="output">Waiting on scroll events...</p>
```

```
#scroll-box {
  overflow: scroll;
  height: 100px;
  width: 100px;
  float: left;
}

#scroll-box p {
  height: 200px;
  width: 200px;
}

#output {
  text-align: center;
}
```

```
const element = document.querySelector("div#scroll-box");
const output = document.querySelector("p#output");

element.onscroll = (event) => {
  output.textContent = "Element scroll event fired!";
  setTimeout(() => {
    output.textContent = "Waiting on scroll events...";
```

```
  }, 1000);
};
```

Specifications

Browser compatibility

See also

- Element `scrollend` event
- Document `scroll` event
- Document `scrollend` event

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