# Element: scrollsnapchange event


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The `scrollsnapchange` event of the Element interface is fired on the scroll container at the end of a scrolling operation when a new scroll snap target has been selected, just before the corresponding scrollend event fires.

A scrolling operation ends when the user finishes scrolling within a scroll container — for example using a touch gesture or by dragging the mouse pointer on a scroll bar — and releases the gesture.

## Syntax

Use the event name in addEventListener():

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

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

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

# Event type

A SnapEvent, which inherits from the generic Event type.

# Examples

## Basic usage

Let's say we have a main element containing significant content that causes it to scroll:

```
<main>
  <!-- Significant content -->
</main>
```

The `<main>` element can be turned into a scroll container that snaps to its children when scrolled using a combination of the CSS scroll-snap-type property and other properties. For example:

```
main {
  width: 250px;
  height: 450px;
  overflow: scroll;
  scroll-snap-type: block mandatory;
}
```

The following JavaScript snippet would cause the `scrollsnapchange` event to fire on the `<main>` element when one of its children becomes a newly-selected snap target. In the handler function, we set a `selected` class on the child referenced by the SnapEvent.snapTargetBlock property, which could be used to style it to look like it has been selected (for example, with an animation) when the event fires.

```
const scrollingElem = document.querySelector("main");

scrollingElem.addEventListener("scrollsnapchange", (event) => {
  event.snapTargetBlock.classList.add("selected");
});
```

# Specifications

# Browser compatibility

# See also

- scrollsnapchanging event
- scrollend event
- SnapEvent
- CSS scroll-snap-type property
- CSS scroll snap module
- Using scroll snap events
- Scroll Snap Events on developer.chrome.com (2024)

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