Document: scrollsnapchange event

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The `scrollsnapchange` event of the Document interface is fired on the document scroll container at the end of a scrolling operation when a new scroll snap target is selected.

This event works in much the same way as the Element interface's `scrollsnapchange` event, except that the overall HTML document has to be set as the scroll snap container (i.e., scroll-snap-type is set on the html element).

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 using a combination of CSS properties, for example:

```
main {
  width: 250px;
  height: 450px;
  overflow: scroll;
}
```

We can then implement scroll snapping behavior on the scrolling content by specifying the scroll-snap-type property on the html element:

```
html {
  scroll-snap-type: block mandatory;
}
```

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

```
document.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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