

09. BOOTSTRAP JS SCROLLSPY.

9.1. The ScrollSpy Component.

Scrollspy is used to automatically update links in a navigation list based on scroll position.

9.2. Via data-* Attributes

1. Add **data-spy="scroll"** to the element that should be used as the scrollable area (often this is the `<body>` element).
2. Then add the **data-target** attribute with a value of the id or the class name of the navigation bar (**.navbar**). This is to make sure that the navbar is connected with the scrollable area.

Note that scrollable elements must match the ID of the links inside the navbar's list items (`<div id="section1">` matches ``).

The optional **data-offset** attribute specifies the number of pixels to offset from top when calculating the position of scroll. This is useful when you feel that the links inside the navbar changes the active state too soon or too early when jumping to the scrollable elements. Default is 10 pixels.

Requires relative positioning: The element with *data-spy="scroll"* requires the CSS position property, with a value of "relative" to work properly.

Example:

```
<!-- The scrollable area -->
<body data-spy="scroll" data-target=".navbar" data-offset="50">

<!-- The navbar - The <a> elements are used to jump to a section
in the scrollable area -->
<nav class="navbar navbar-expand-sm bg-dark navbar-dark fixed-
top">
  <ul class="navbar-nav">
    <li class="nav-item">
      <a class="nav-link" href="#section1">Section 1</a>
```

```
        </li>

        ....
    </ul>
</nav>

<!-- Section 1 -->
<div id="section1">
    <h1>Section 1</h1>
    <p>Try to scroll this page and look at the navigation bar while
scrolling!</p>
</div>
...

</body>
```

9.3. Via JavaScript

Enable manually with:

Example:

```
$( 'body' ).scrollspy({target: ".navbar"});
```

9.4. Scrollspy Options

Options can be passed via data attributes or JavaScript. For data attributes, append the option name to data-, as in **data-offset=""**.

Name	Type	Default	Description
offset	number	10	Specifies the number of pixels to offset from top when calculating the position of scroll

9.5. Scrollspy Methods.

The following table lists all available scrollspy methods.

Method	Description
<code>.scrollspy("refresh")</code>	When adding and removing elements from the scrollspy, this method can be used to refresh the document
<code>.scrollspy("dispose")</code>	Destroys the scrollspy

9.6. Scrollspy Events.

The following table lists all available scrollspy events.

Event	Description
<code>activate.bs.scrollspy</code>	Occurs when a new item becomes activated by the scrollspy