

CLONING NODES

IN THIS LESSON

Cloning a single node

Cloning a branch

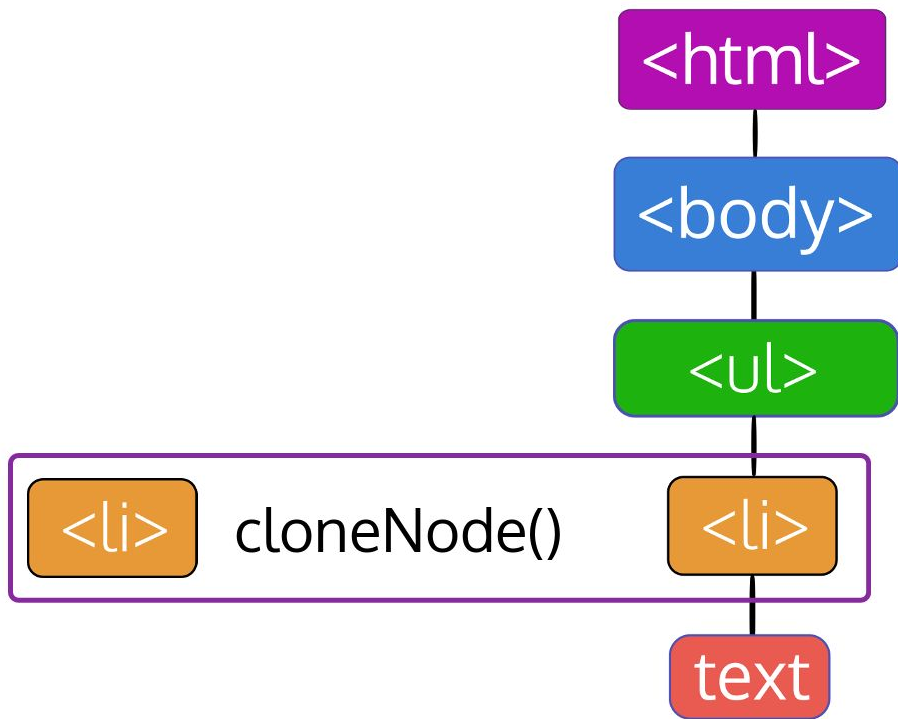
`lastElementChild`

CLONING A SINGLE NODE

cloneNode()

You must have a reference to the node to clone

```
const newNode = nodeToClone.cloneNode();
```

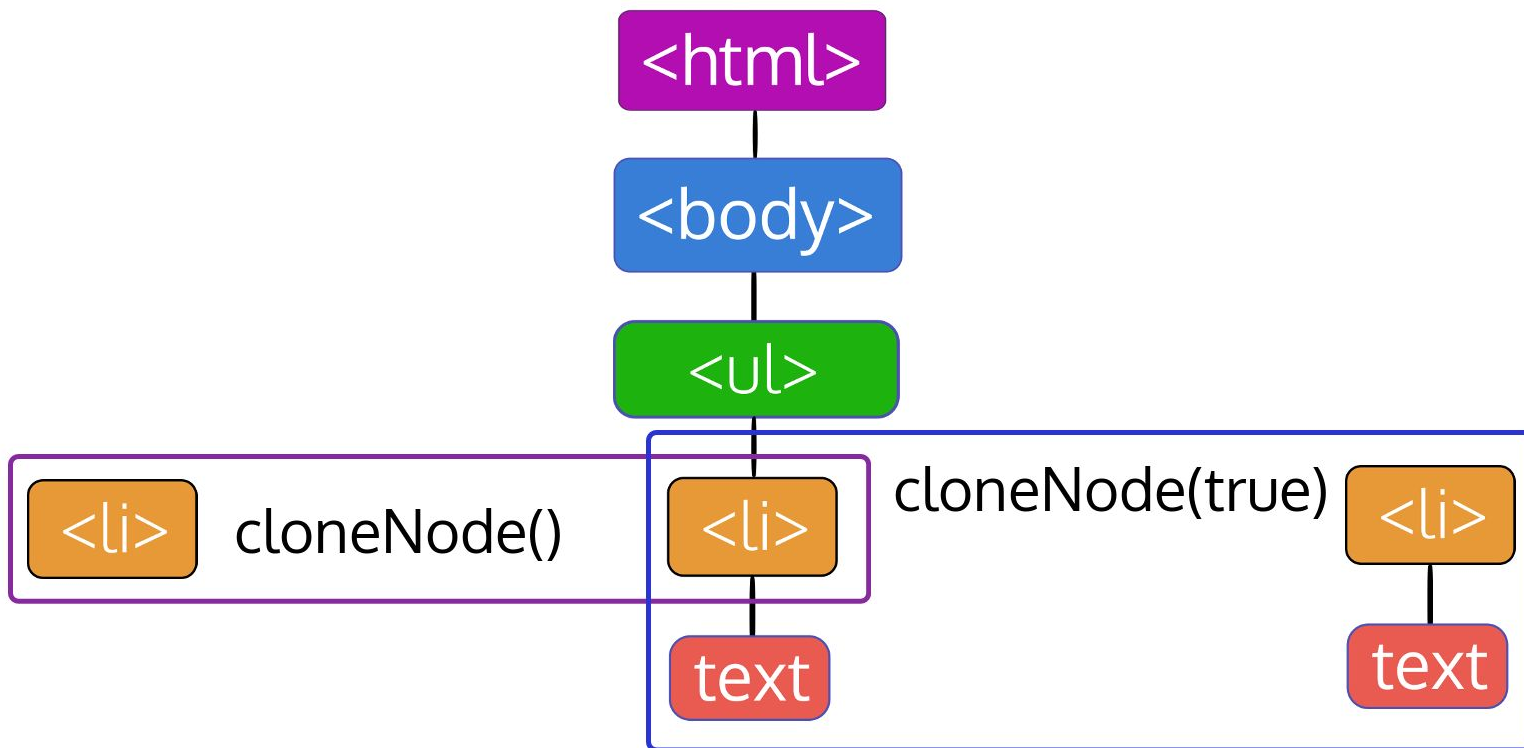


CLONING A BRANCH

cloneNode(true)

Pass the Boolean value **true** as an argument

```
const newNode = nodeToClone.cloneNode(true);
```



lastElementChild

Like firstChild/firstElementChild, this node property is a version of **lastChild** for elements only - skips text and other types of nodes

```
parentNode.lastElementChild
```

```
11 </head>
12 <body>
13   <ul id="myList">
14     <li>Red</li>
15     <li>Green</li>
16     <li>Blue</li>
17   </ul>
18
19   <button type="button" onclick="cloneListItem()">Copy just the last listitem</button>
20   <button type="button" onclick="cloneListItemBranch()">Copy the last listitem and its branch</button>
21
22   <script>
23     const listNode = document.querySelector('#myList');
24     const nodeToCopy = listNode.lastElementChild;
25
26     function cloneListItem() {
27       const copy = nodeToCopy.cloneNode();
28       listNode.appendChild(copy);
29     }
30
31     function cloneListItemBranch() {
32       const copy = nodeToCopy.cloneNode(true);
33       listNode.appendChild(copy);
34     }
35   </script>
36 </body>
37 </html>
```


- Red
- Green
- Blue
-
-
-


Copy just the last listitem

Copy the last listitem and its branch

- Red
- Green
- Blue
-
-
-
- Blue
- Blue
- Blue