

REMOVING NODES



IN THIS LESSON

remove()

removeChild()

firstElementChild



remove()

You must have a reference to the exact node to remove

nodeToRemove.remove();



removeChild()

You must have a reference to a parent node

parentNode.removeChild(parentNode.firstChild);

When you remove a node (with either **remove()** or **removeChild()**, all child nodes of the removed node are removed as well



removeChild()

```
while (parentNode.firstChild) {
   parentNode.removeChild(parentNode.firstChild);
}
```

This while loop will remove all children of the parentNode, but leave the parentNode



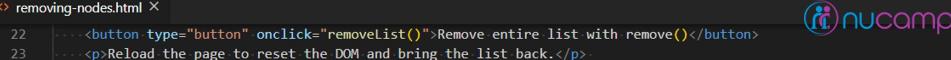
firstElementChild

Similar to firstChild

parentNode.firstElementChild

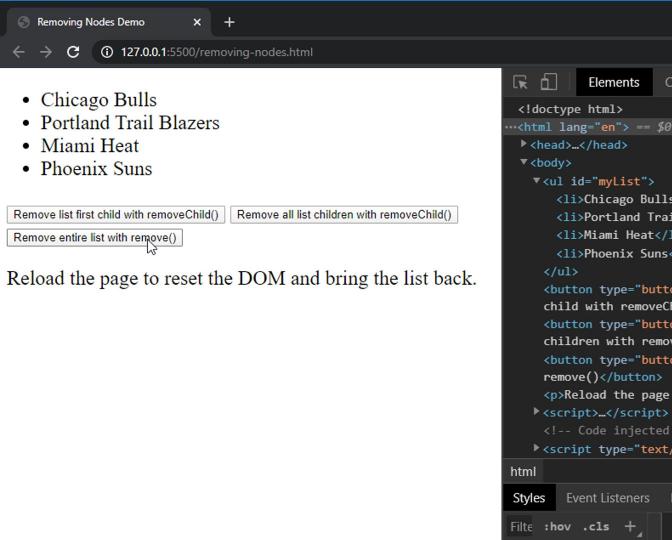
Will return the first element child of a node, skipping any text nodes or other kinds of nodes

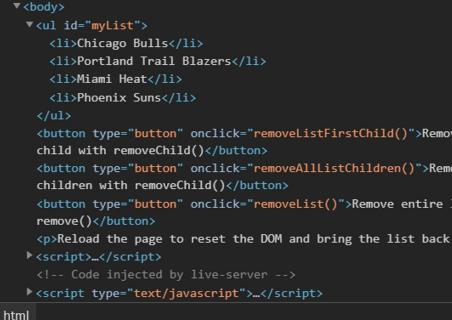
```
removing-nodes.html ×
    <!DOCTYPE-html>
    <html lang="en">
    <head>
     <meta charset="utf-8" />
     <title>Removing Nodes Demo</title>
     <style>
     body {
     font-size: 24px:
     </style>
    </head>
11
    <body>
12
    ----
13
     Chicago Bulls
14
     Portland Trail Blazers
15
    Miami Heat
17
     Phoenix Suns
     ---
     ----<button type="button" onclick="removeAllListChildren()">Remove all list children with removeChild()</button>
21
     ----<button type="button" onclick="removeList()">Remove entire list with remove()</button>
22
     Reload the page to reset the DOM and bring the list back.
23
24
25
     <script>
     const listNode = document.querySelector('#myList');
```





```
25
     <script>
     const listNode = document.querySelector('#myList');
    function removeListFirstChild() {
     listNode.removeChild(listNode.firstChild);
29
     function removeAllListChildren() {
32
     while (listNode.firstChild) {
    listNode.removeChild(listNode.firstChild);
    function removeList() {
     listNode.remove();
    </script>
41
    </body>
42
    </html>
43
44
```





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Styles

Event Listeners

<!doctype html>

<head>...</head>

Elements

Console

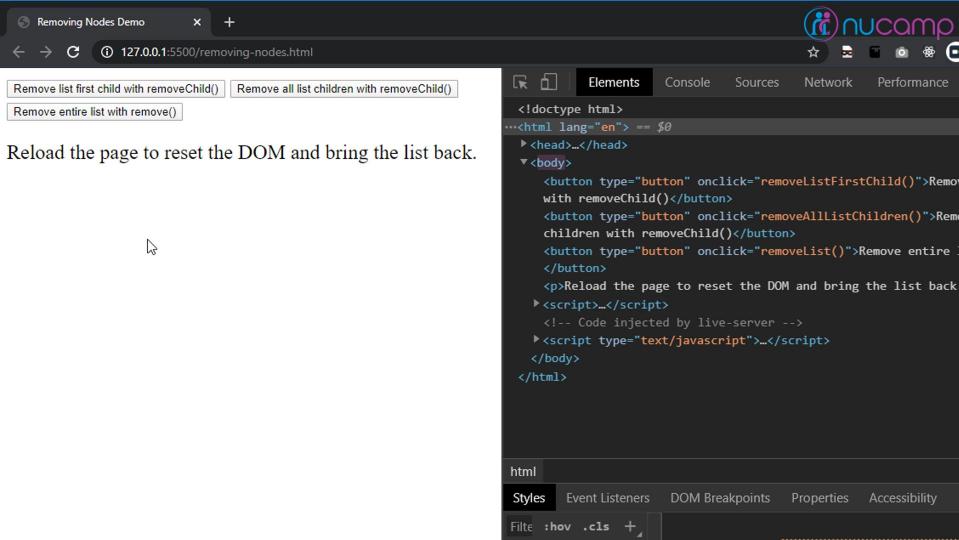
Sources

Network

Properties

Accessibility

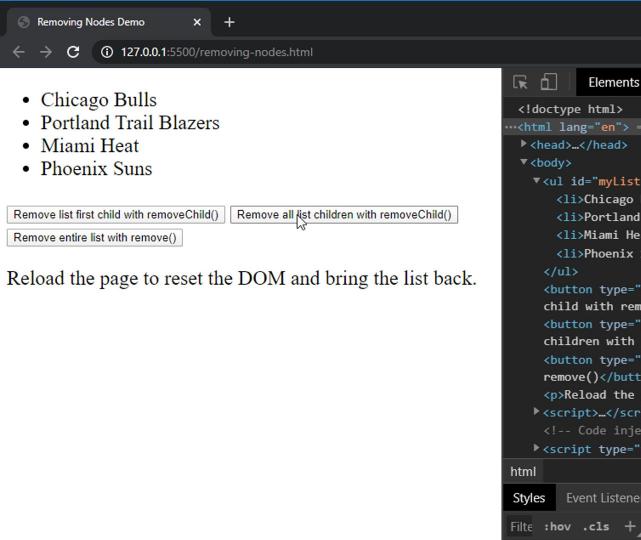
Performance



Accessibility

Performance

Network



```
...<html lang="en"> == $0
 <head>...</head>
 ▼ <body>
   ▼
       Chicago Bulls
       Portland Trail Blazers
       Miami Heat
       Phoenix Suns
     <button type="button" onclick="removeListFirstChild()">RemoveListFirstChild()">RemoveListFirstChild()">RemoveListFirstChild()
     child with removeChild()</button>
     <button type="button" onclick="removeAllListChildren()">RemoveAllListChildren()">RemoveAllListChildren()">RemoveAllListChildren()
     children with removeChild()</button>
     <button type="button" onclick="removeList()">Remove entire :
     remove()</button>
     Reload the page to reset the DOM and bring the list back
    <script>...</script>
     <!-- Code injected by live-server -->
    \<script type="text/javascript">...</script>
html
```

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<!doctype html>

Elements

Event Listeners

Console

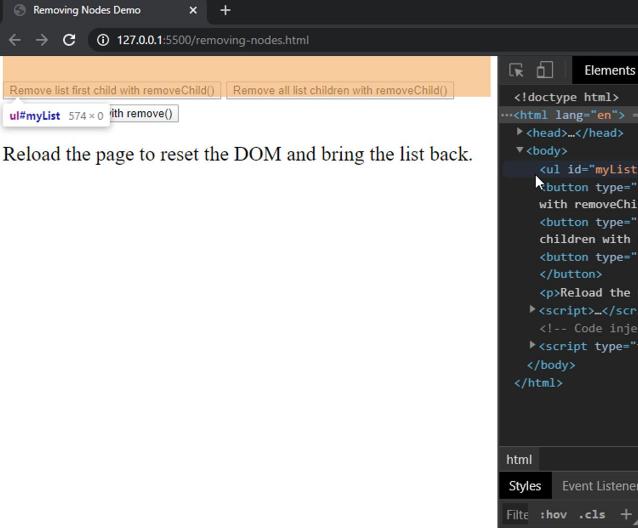
Sources

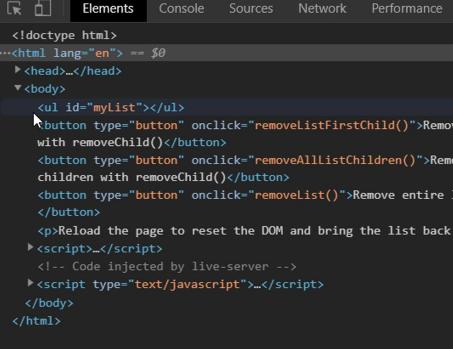
Network

Properties

Accessibility

Performance





Event Listeners

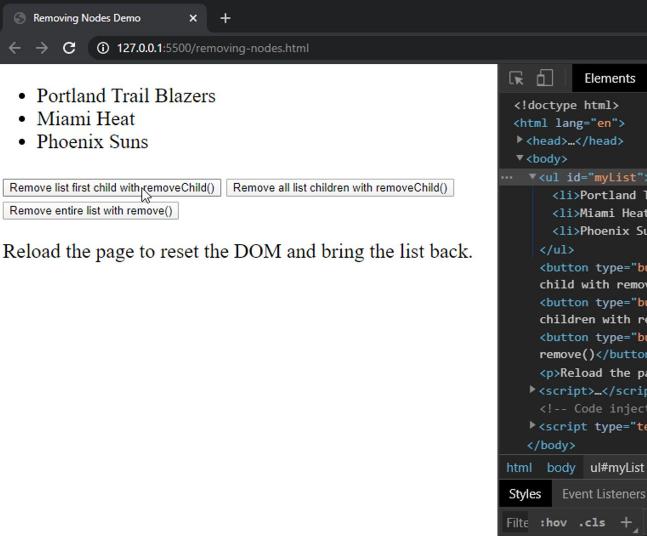
Console

Network

Properties

Accessibility

Performance



```
<!doctype html>
 <html lang="en">
  <head>...</head>
... ▼ == $0
        Portland Trail Blazers
        Miami Heat
        Phoenix Suns
      <button type="button" onclick="removeListFirstChild()">RemoveListFirstChild()">RemoveListFirstChild()">RemoveListFirstChild()
      child with removeChild()</button>
      <button type="button" onclick="removeAllListChildren()">RemoveAllListChildren()">RemoveAllListChildren()">RemoveAllListChildren()
      children with removeChild()</button>
      <button type="button" onclick="removeList()">Remove entire :
     remove()</button>
      Reload the page to reset the DOM and bring the list back
    ▶ <script>...</script>
     <!-- Code injected by live-server -->
    ><script type="text/javascript">...</script>
      body ul#myList
```

Sources

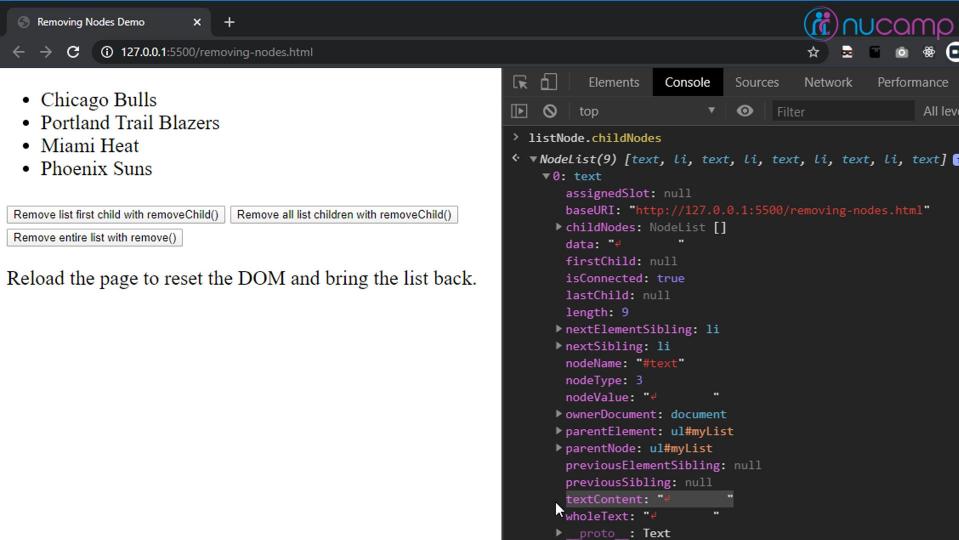
Network

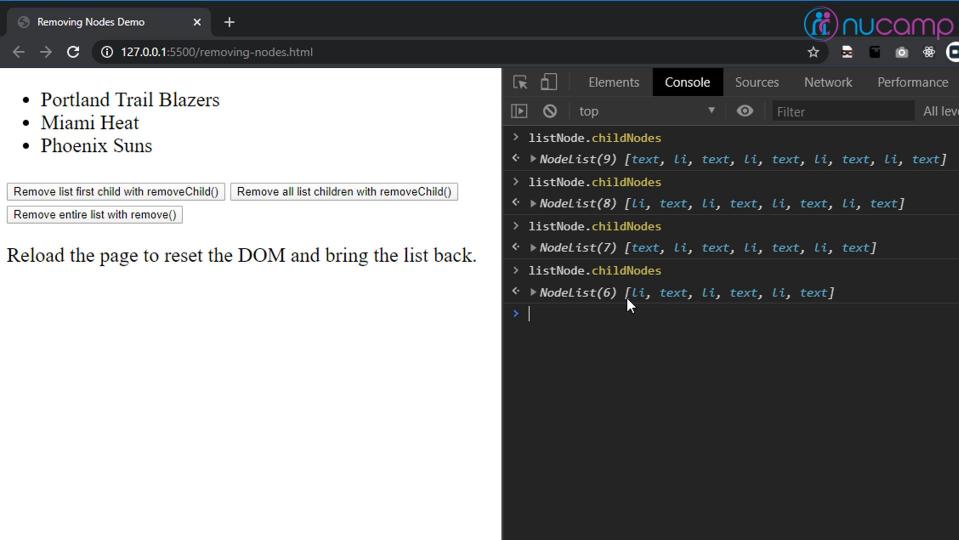
Properties

Accessibility

Performance

Console





```
Edit Selection View Go Run Terminal Help
                                                 removing-nodes.html - 1-HTML-CSS-JavaScript - Visual Studio Code
D
     removing-nodes.html ×
           ----<br/>button type="button" onclick="removeList()">Remove entire list with remove()
      22
           25
           <script>
           const listNode = document.querySelector('#myList');
وړ
           function removeListFirstChild() {
           listNode.removeChild(listNode.firstElementChild);
      32
           function removeAllListChildren() {
           while (listNode.firstChild) {
           listNode.removeChild(listNode.firstChild);
           function removeList() {
           listNode.remove();
           </script>
          </body>
      42
          </html>
```