



WebDesign

HERZLICH WILLKOMMEN!





- JavaScript DOM-API: Grundlegende DOM-Manipulationen

■ Grundlegende Schritte JavaScript



Elemente finden

```
document.querySelector("#id")
```

Inhalte ändern

```
a.textContent = "neuer Text"  
a.innerHTML = "neue<br>Text"
```

Klassenzuordnung ändern

```
a.classList.add("klasse-2")  
a.classList.remove("klasse-1")  
a.classList.replace("klasse-alt", "klasse-neu")  
a.classList.toggle("klasse")  
a.className = "klasse-neu"
```

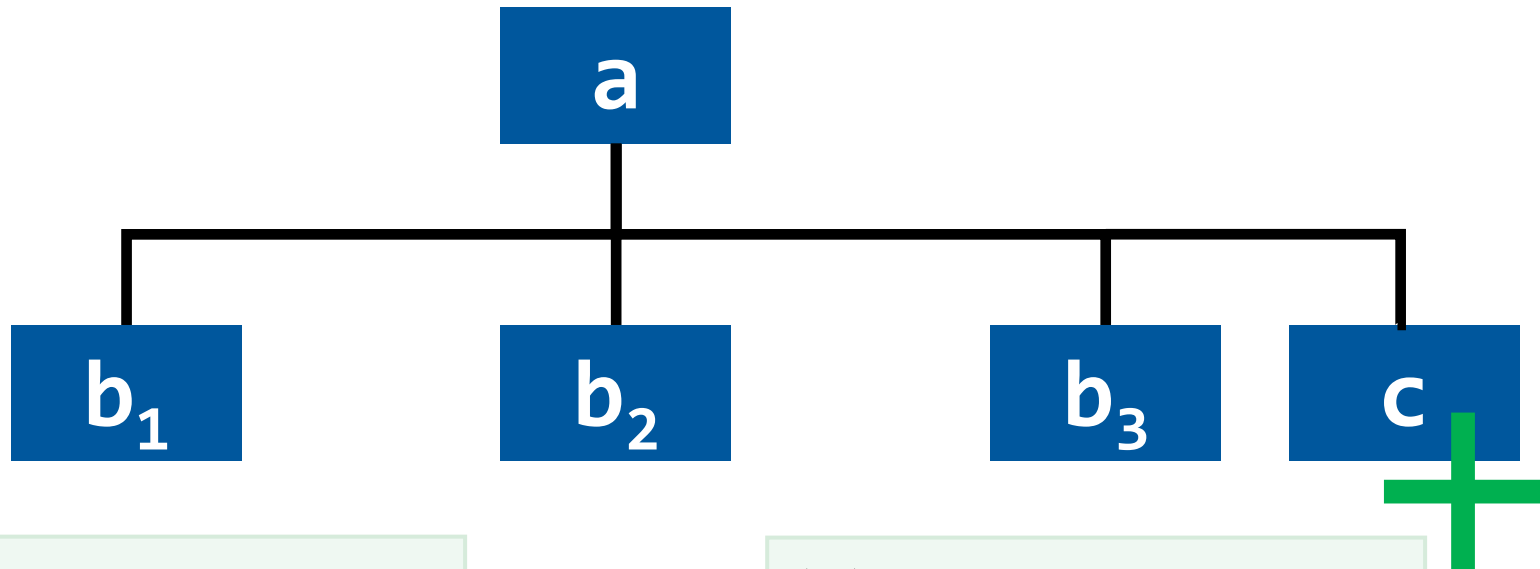
■ DOM-Manipulation Node-Ebene



neue Elemente erstellen

```
document.createElement()  
document.createTextNode()
```


a.appendChild(c)

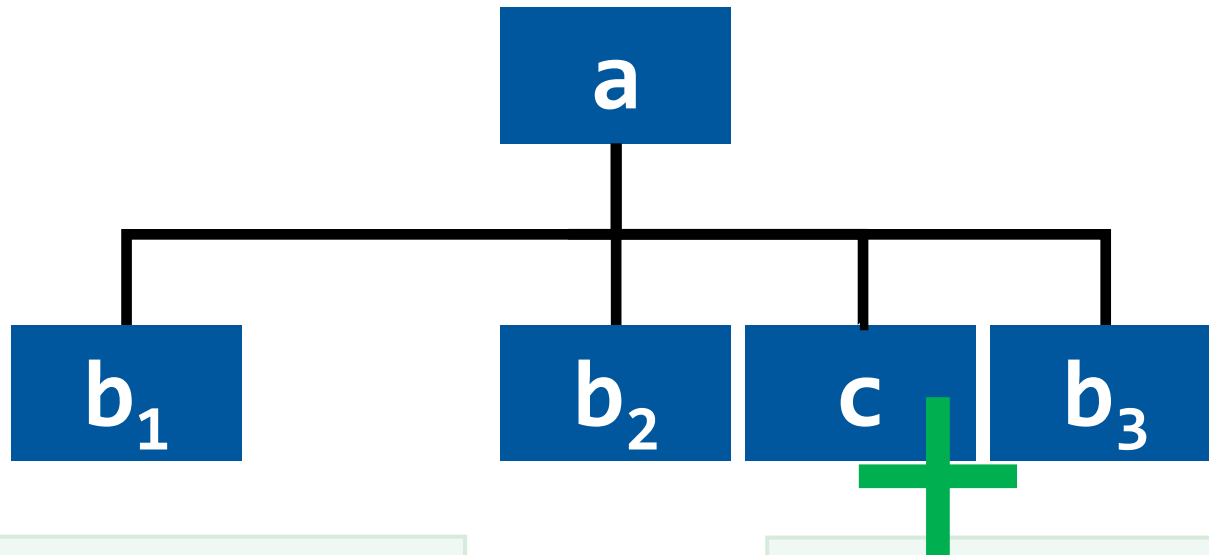


```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
</a>
```



```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
  <c> c </c>
</a>
```

a.insertBefore(c, b3)

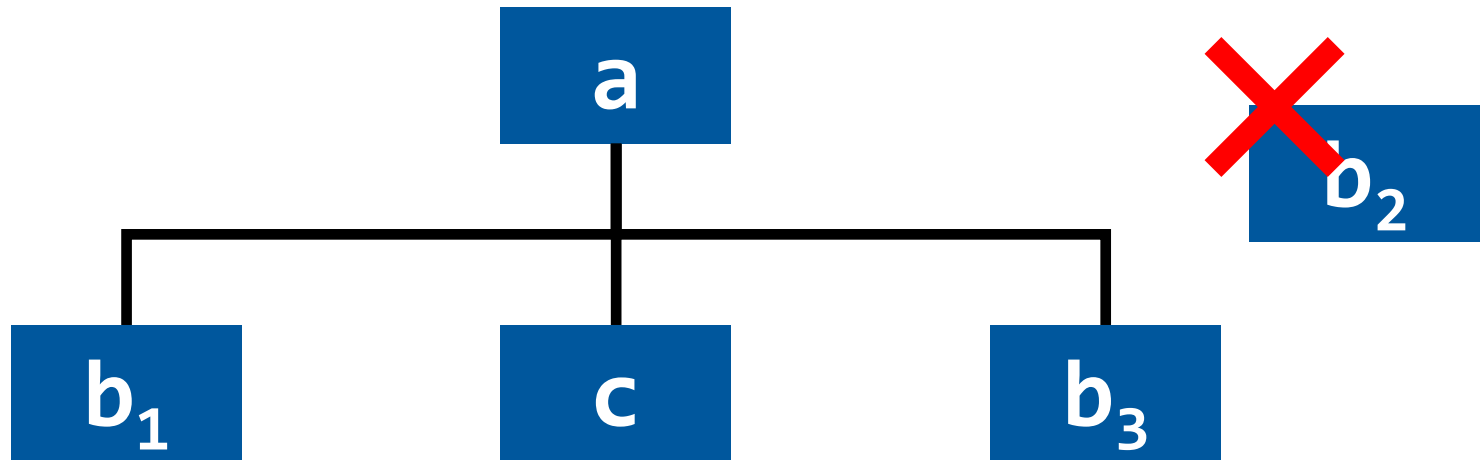


```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
</a>
```



```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <c> c </c>
  <b> b3 </b>
</a>
```

`a.replaceChild(c, b2)`

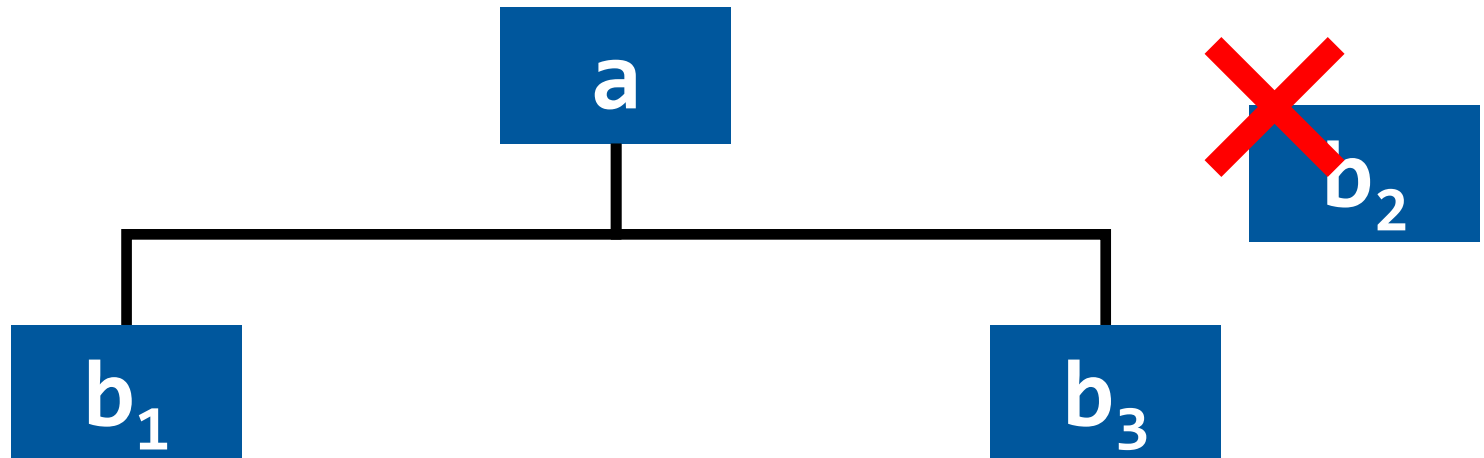


```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
</a>
```



```
<a>
  <b> b1 </b>
  <c> c </c>
  <b> b3 </b>
</a>
```

`a.removeChild(b2)`



```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
</a>
```

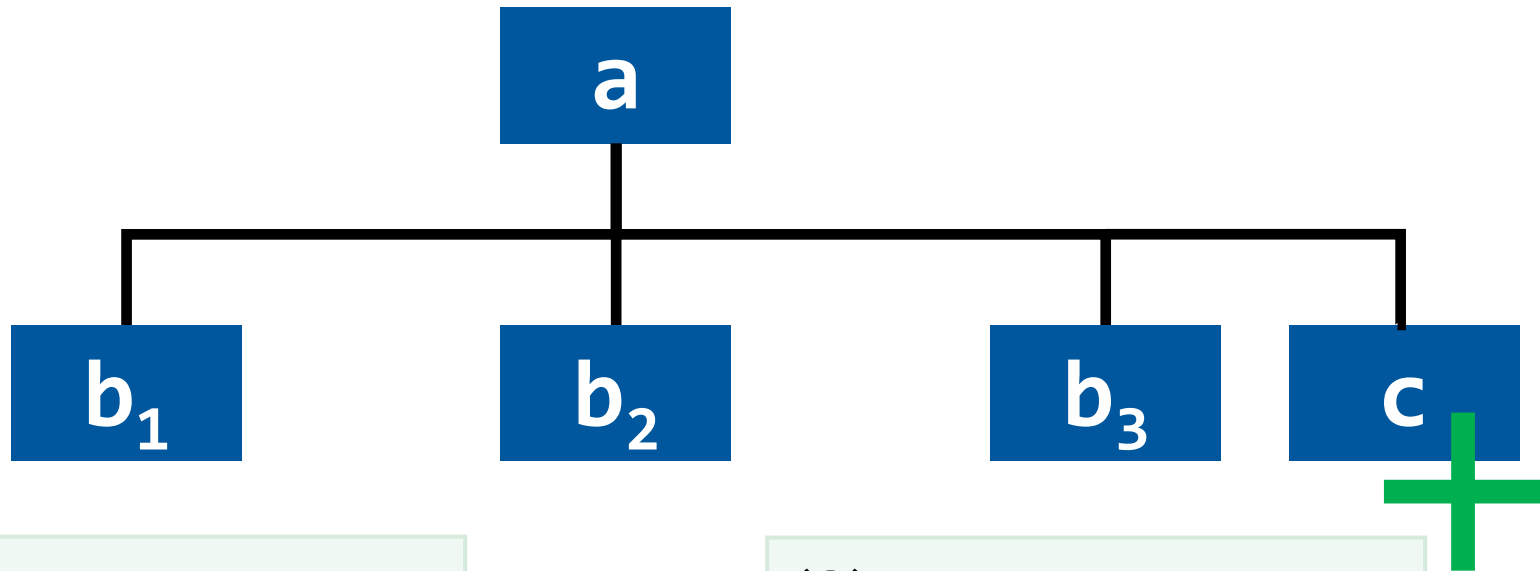


```
<a>
  <b> b1 </b>
  <b> b3 </b>
</a>
```

■ DOM-Manipulation Element-Ebene



a.append(c)

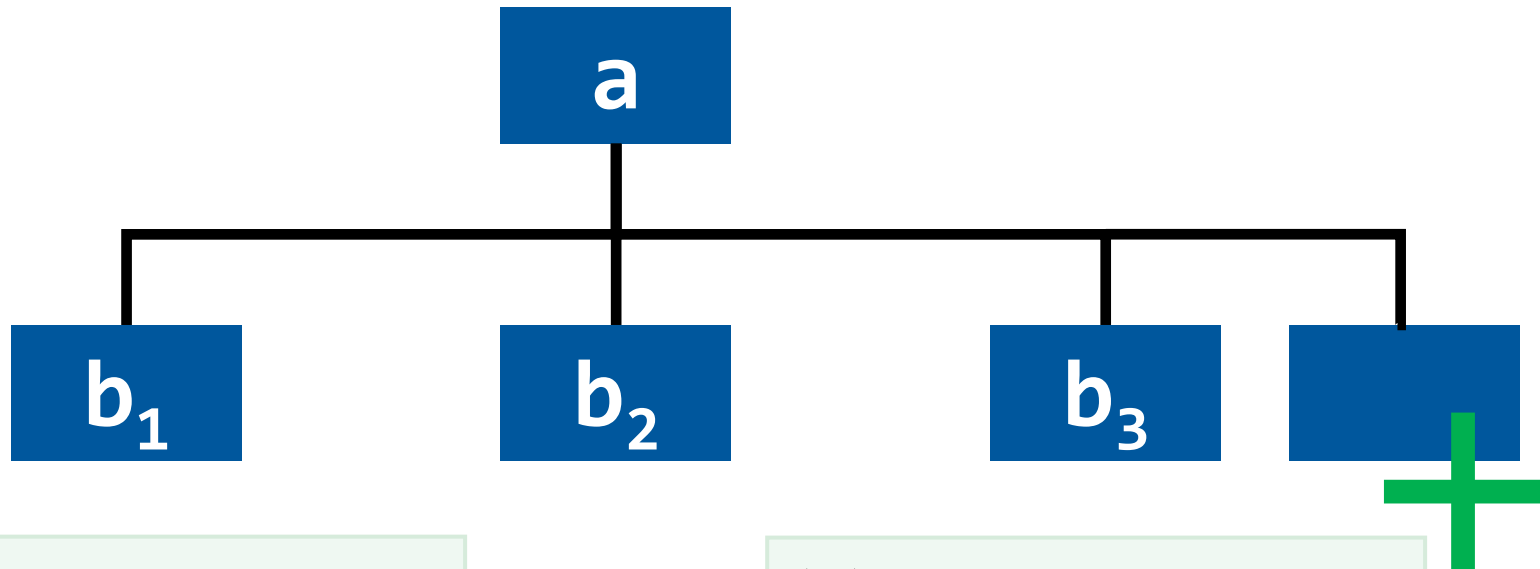


```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
</a>
```



```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
  <c> c </c>
</a>
```

`a.append("Ende")`

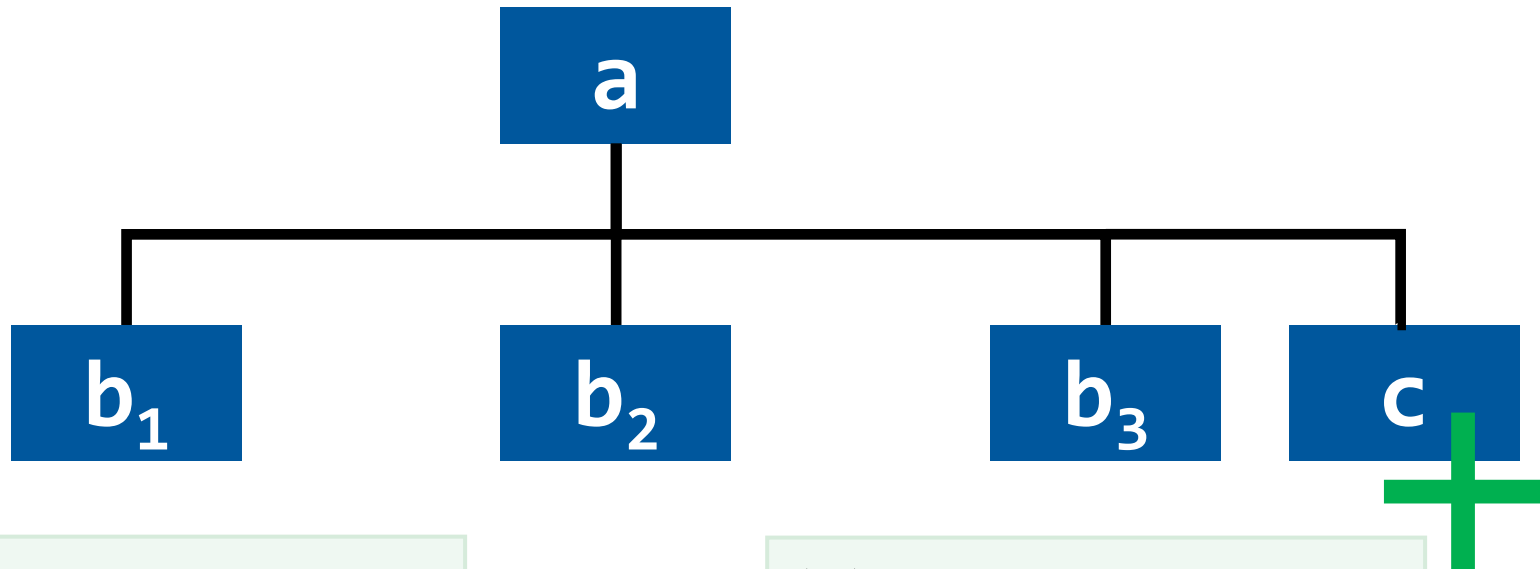


```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
</a>
```



```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
  Ende
</a>
```

b3.after(c)

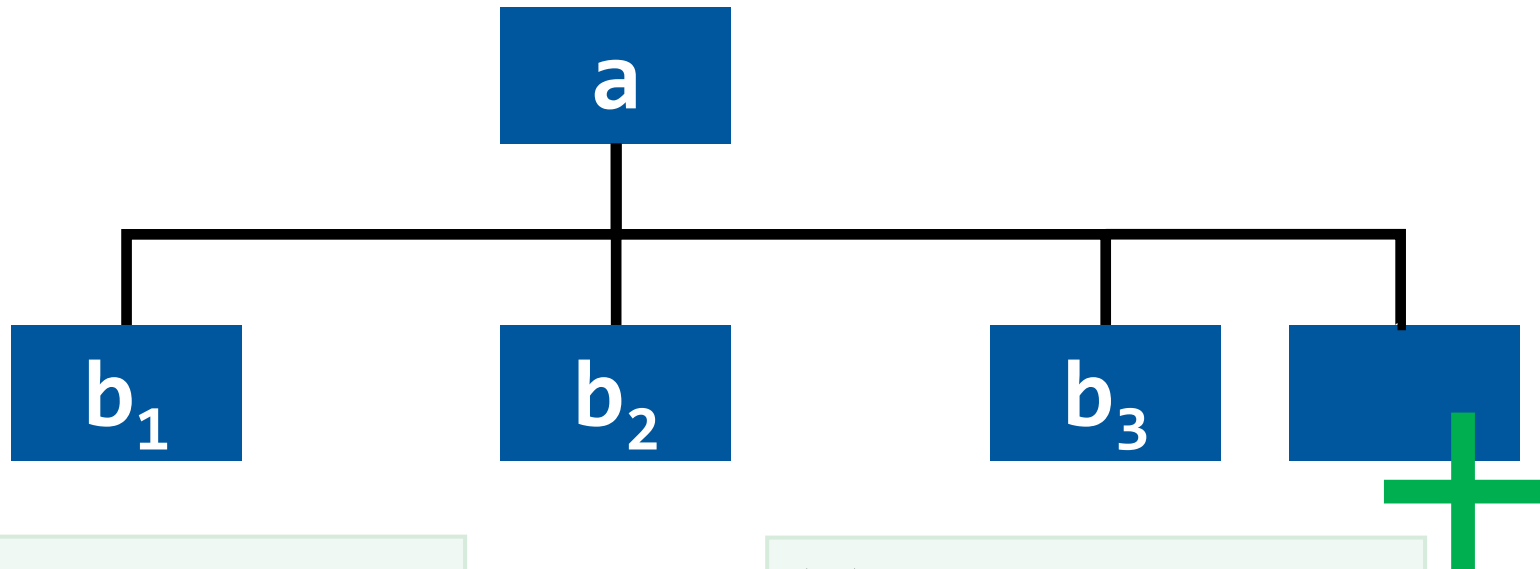


```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
</a>
```



```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
  <c> c </c>
</a>
```


b3.after("Ende")

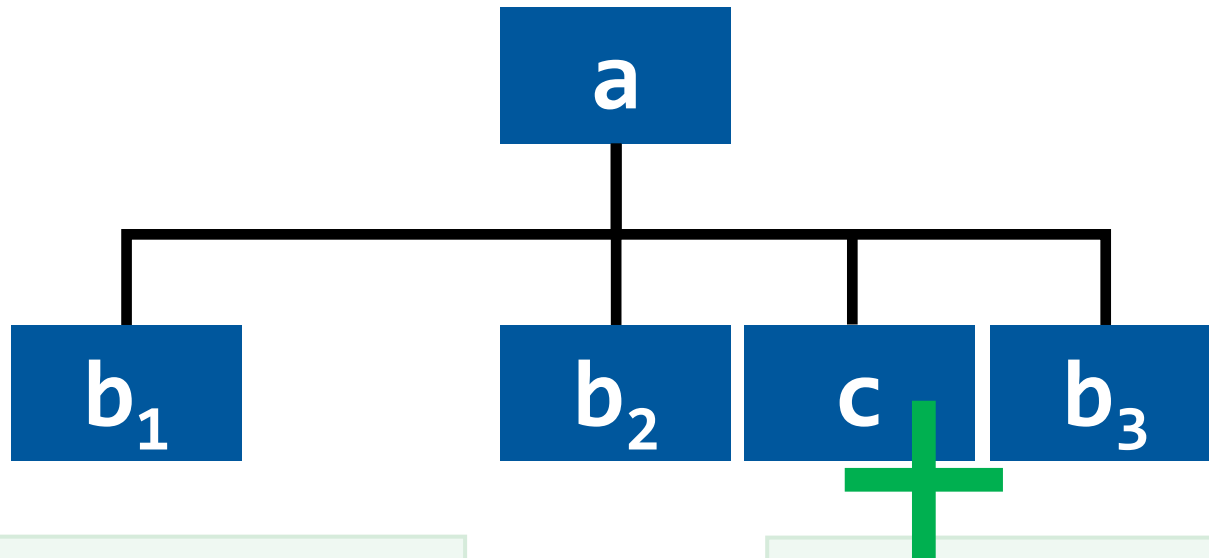


```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
</a>
```



```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
  Ende
</a>
```

b3.before(c)

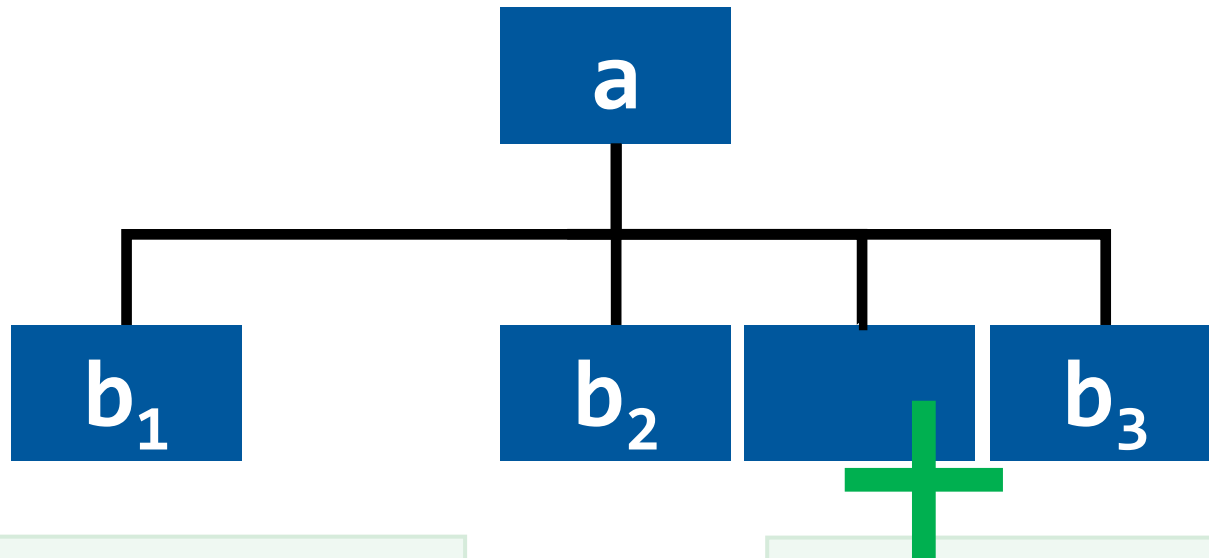


```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
</a>
```



```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <c> c </c>
  <b> b3 </b>
</a>
```

b3.before("Ende")



```
<a>
  <b> b1 </b>
  <b> b2 </b>
  <b> b3 </b>
</a>
```



```
<a>
  <b> b1 </b>
  <b> b2 </b>
  Ende
  <b> b3 </b>
</a>
```