Element: insertAdjacentText() method

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{{APIRef("DOM")}}

The **`insertAdjacentText()`** method of the {{domxref("Element")}} interface, given a relative position and a string, inserts a new text node at the given position relative to the element it is called from.

Syntax

```
insertAdjacentText(where, data)
```

Parameters

- `where`
  - : A string representing the position relative to the element the method is called from; must be one of the following strings:
    - `'beforebegin'`: Before the `element` itself.
    - `'afterbegin'`: Just inside the `element`, before its first child.

    - `'beforeend'`: Just inside the `element`, after its last child.
    - `'afterend'`: After the `element` itself.
- `data`
    - : A string from which to create a new text node to insert at the given position `where` relative to the element the method is called from.

Return value

None ({{jsxref("undefined")}}).

Exceptions

- `SyntaxError` {{domxref("DOMException")}}
    - : Thrown if `where` is not a recognized value.

Visualization of position names

```
<!-- beforebegin -->
<p>
  <!-- afterbegin -->
  foo
  <!-- beforeend -->
</p>
<!-- afterend -->
```

> [!NOTE] The `beforebegin` and `afterend` positions work only if the node is in a tree and has an element parent.

Examples

```
beforeBtn.addEventListener("click", () => {
  para.insertAdjacentText("afterbegin", textInput.value);
});

afterBtn.addEventListener("click", () => {
```

```
  para.insertAdjacentText("beforeend", textInput.value);
});
```

Have a look at our insertAdjacentText.html demo on GitHub (see the source code too.) Here we have a simple paragraph. You can enter some text into the form element, then press the *Insert before* and *Insert after* buttons to insert it before or after the existing paragraph text using `insertAdjacentText()`. Note that the existing text node is not added to — further text nodes are created containing the new additions.

Specifications

{{Specifications}}

Browser compatibility

{{Compat}}

See also

- {{domxref("Element.insertAdjacentElement()")}}
- {{domxref("Element.insertAdjacentHTML()")}}

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