

Lifecycle: connectedCallback

Things we can do here:

- Attach a shadow root, define the DOM structure, attach CSS (alt. to constructor)
- Define the functionality of the element when connected to the DOM
- Read-in defined attributes on the tag to influence rendering
- Update markup or styles provided by the author

Note: connectedCallback may be called once your element is no longer connected, use [Node.isConnected](#) to make sure.

Lifecycle: attributeChangedCallback

Invoked any time a watched attribute is added, removed, or changed.

Function provides name, oldValue, newValue as inputs that you can use to determine how to alter the web component based on this change.

Node interface

Additions made to the Node interface relevant to shadow DOM and custom elements:

Node.getRootNode()

Returns the context object's root, which optionally includes the shadow root if it is available.

Node.isConnected

Returns a boolean indicating whether or not the Node is connected (directly or indirectly) to the context object, e.g. the Document object in the case of the normal DOM, or the ShadowRoot in the case of a shadow DOM.