

### 3 ways to add an event listener

Although the `addEventListener()` method is the most preferred way to add an event listener to window, document or any other element in the DOM, we've seen that it is not the only way.

Here's a quick visual recap on what we've learnt so far.





# 3 ways to add EVENT LISTENERS



## Inline Event Listeners

This is the most basic way to add an event listener to the DOM. This involves adding an attribute to an element. But please, don't use this method. It can get pretty messy, pretty quickly.



## Event Properties

This works very similar to the Inline Event Listener. But here, we set the attribute / property of an element via JavaScript. Although a slight improvement to above, it's still not the best approach.



## addEventListener() Method

Now we're talking business! This is the newest type of event mechanism defined in the DOM Level 2 Events Specification. This approach attaches a method to a DOM element, rather than attaching an attribute. Much better. I can breathe again!



## Final Word

Interestingly, you can add event listeners to any DOM object. This means that the DOM object need not necessarily be a HTML element (i.e. you can also add event

listeners to the window object). We've discussed 3 ways to add event listeners to the DOM. The best approach is the `addEventListener()` method.

**Smile, and see you in the next lecture**



