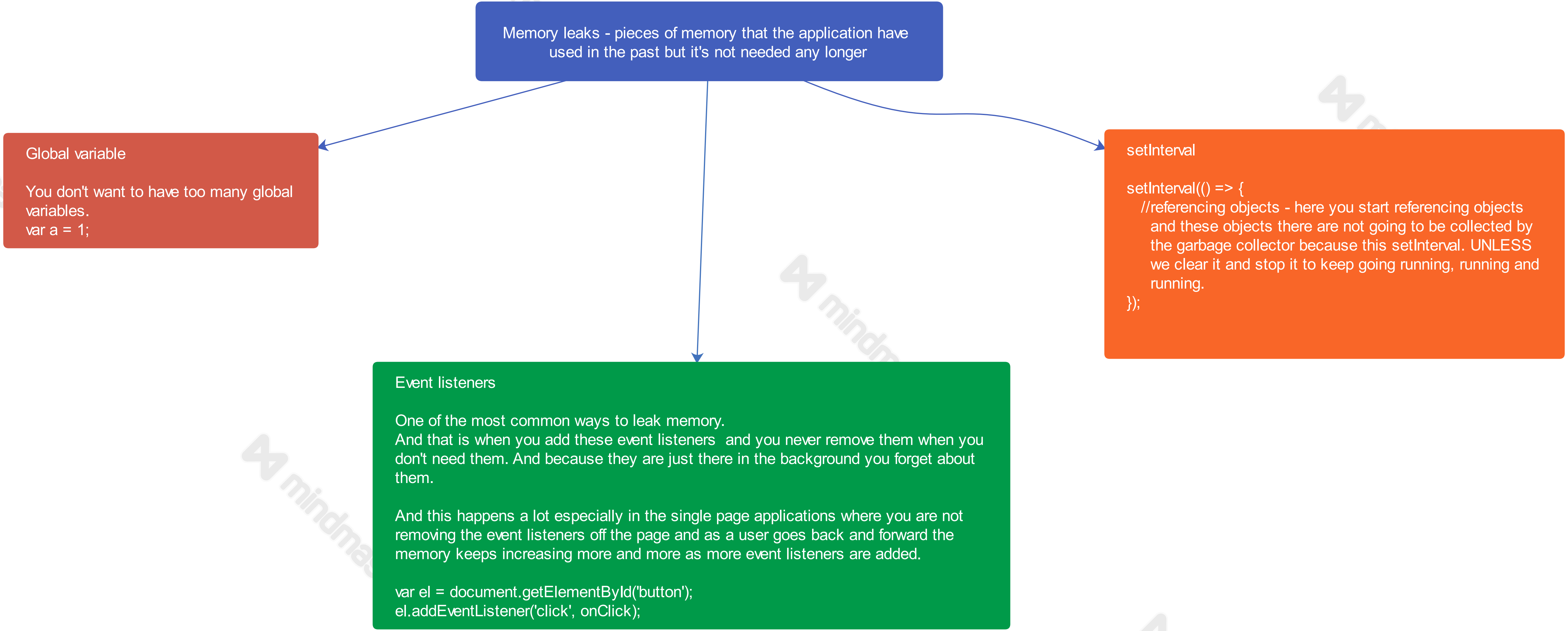

Memory leaks - pieces of memory that the application have used in the past but it's not needed any longer

Global variable

You don't want to have too many global variables.

```
var a = 1;
```

Event listeners

One of the most common ways to leak memory.
And that is when you add these event listeners  and you never remove them when you don't need them. And because they are just there in the background you forget about them.

And this happens a lot especially in the single page applications where you are not removing the event listeners off the page and as a user goes back and forward the memory keeps increasing more and more as more event listeners are added.

```
var el = document.getElementById('button');
el.addEventListener('click', onClick);
```

setInterval

```
setInterval(() => {
  //referencing objects - here you start referencing objects
    and these objects there are not going to be collected by
    the garbage collector because this setInterval. UNLESS
    we clear it and stop it to keep going running, running and
    running.
});
```