

# Javascript: Inline, embedded or separate file?

## Inline

```
<button onclick="console.log('Hello World!');">Click me</button>
```

## Embedded

```
<script type="text/javascript">  
    console.log("Hello World!");  
</script>
```

## Separate file

```
<script src="js/script.js"></script>
```

**Warning:** this is not the proper way to load a Javascript module (more later)

# Javascript in the browser is restrictive

- ✓ You can access elements of the webpage and the browser
- ✓ You can track user actions on the webpage (events)
- ✓ You can create threads (web workers)
- ✓ You can open sockets (web sockets)
- ✓ ...
- ⦿ You cannot access the file system (only via the upload form)
- ⦿ You cannot access to other programs
- ⦿ You cannot access to other tabs in the browser
- ⦿ ...