

Solution 2 : using **JSHint**

- ➡ Analyze Javascript source code with JSHint
- ✓ Statically finds bugs and reports them in the terminal

```
$ npm install -g jshint  
$ jshint myScript.js
```

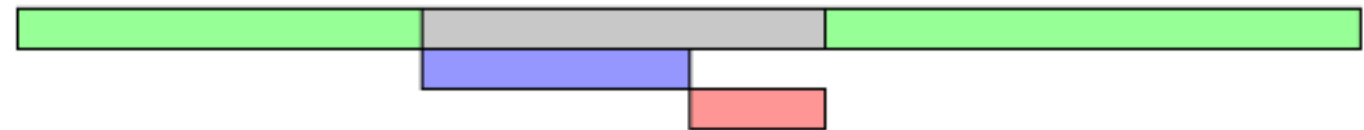
Loading Javascript

Legend

- HTML parsing
- HTML parsing paused
- Script download
- Script execution

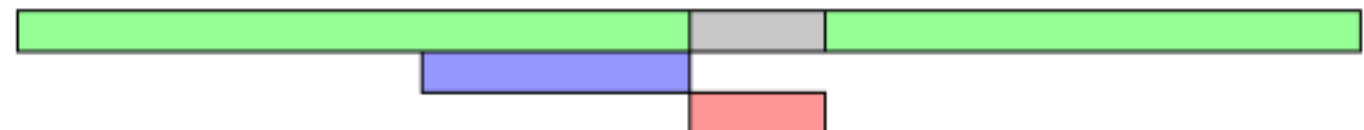
<script>

Let's start by defining what **<script>** without any attributes does. The HTML file will be parsed until the script file is hit, at that point parsing will stop and a request will be made to fetch the file (if it's external). The script will then be executed before parsing is resumed.



<script async>

async downloads the file during HTML parsing and will pause the HTML parser to execute it when it has finished downloading.



<script defer>

defer downloads the file during HTML parsing and will only execute it after the parser has completed. **defer** scripts are also guaranteed to execute in the order that they appear in the document.

