How to speed up your JavaScript code?

Part - 5

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Delay JavaScript Loading

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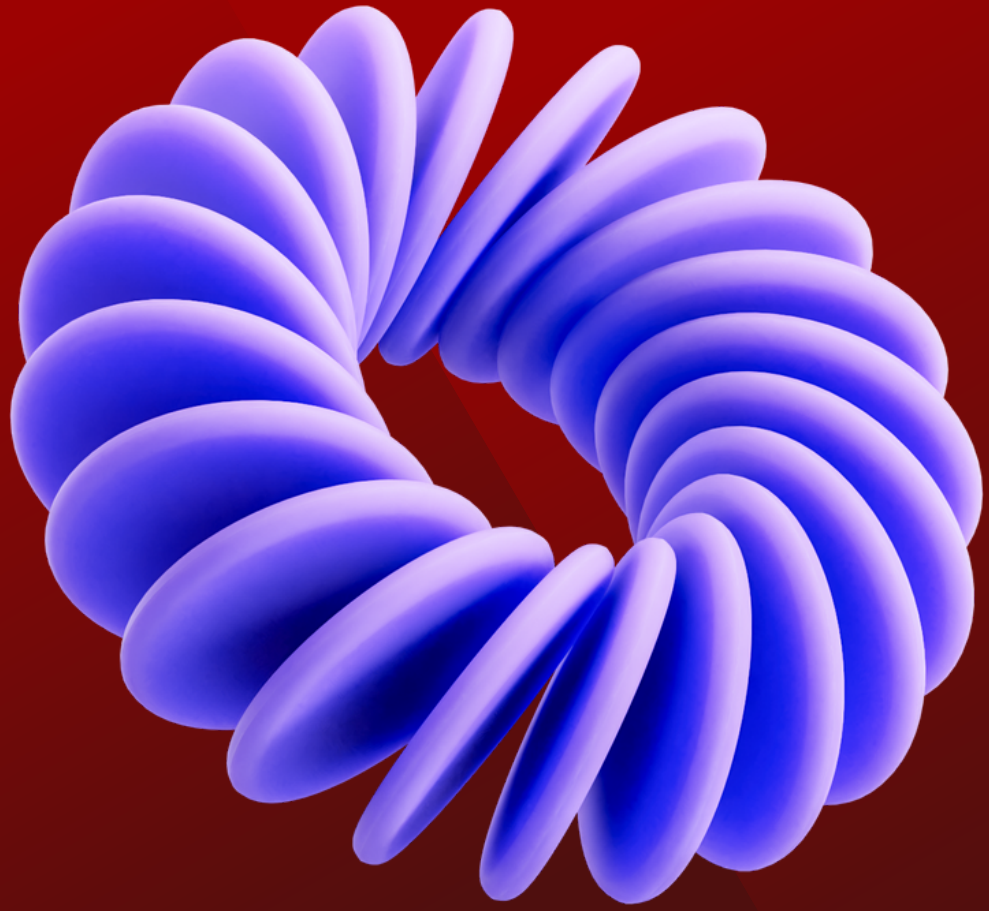
Putting your scripts at the bottom ...



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... of the page body lets the browser load the page first ...

for example:

```
<body>
    {/* Your page content goes here  */}

    {/* JavaScript placed at the bottom of the body  */}
    <script src="your-script.js"></script>
</body>
```

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While a script is downloading, the browser will not start any other downloads.

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The HTTP specification defines that browsers should ...

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... not download more than two components in parallel.

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An alternative is to use defer="true" in the script tag.

for example:

```
<script defer src="your-script.js"></script>
```

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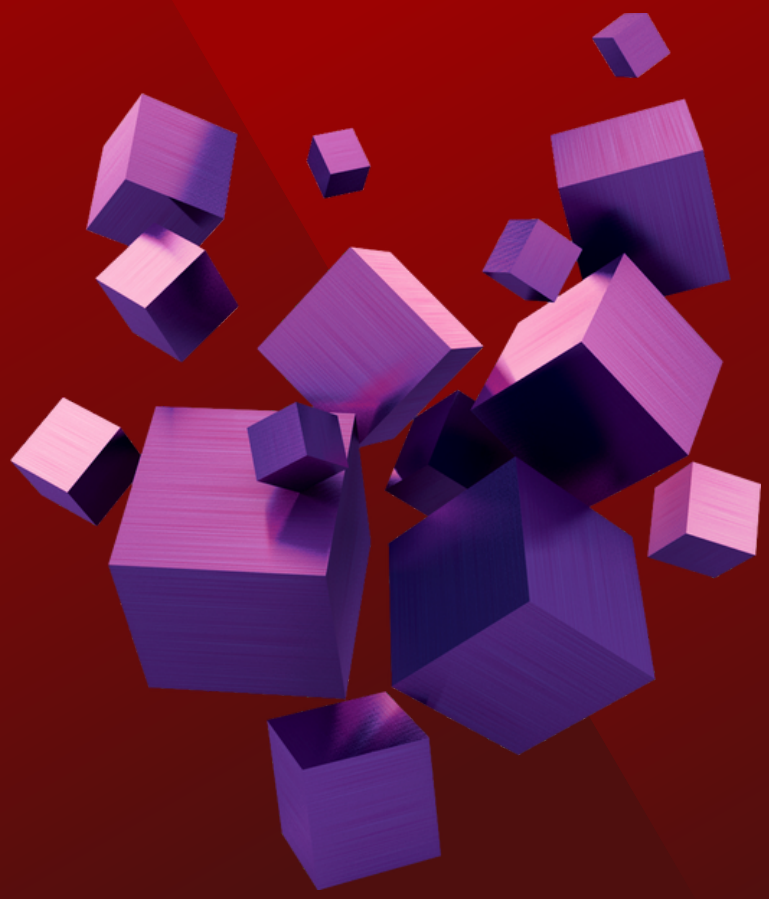
The defer attribute specifies that the script should be executed after ...



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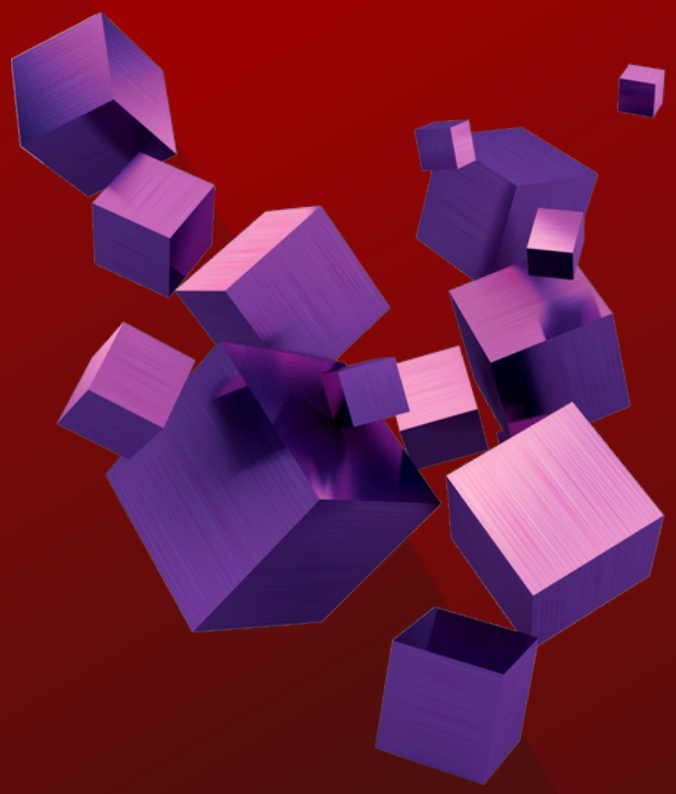
... the page has finished parsing, but it **only** works for external scripts.



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If possible, you can add your script to the page by code, after the page has loaded.

for example:

```
<script>
window.onload = function() {
  const element = document.createElement("script");
  element.src = "myScript.js";
  document.body.appendChild(element);
};
</script>
```

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