

TheCodingMachine

Le Lazy-Loading (amélioration des perfs)

05/12/2025

Waly



<https://forms.gle/usBr3PdLZAuU9Ftf6>



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1 Le lazy loading?



C'est une technique pour charger efficacement du contenu sur une page web

Ça répond à la question “Quand charger?”



Pourquoi le lazy loading?

METRICS

Collapse view

- First Contentful Paint
0.2 s
First Contentful Paint marks the time at which the first text or image is painted. [Learn more about the First Contentful Paint metric.](#)
- Total Blocking Time
0 ms
Sum of all time periods between FCP and Time to Interactive, when task length exceeded 50ms, expressed in milliseconds. [Learn more about the Total Blocking Time metric.](#)
- Speed Index
0.3 s
Speed Index shows how quickly the contents of a page are visibly populated. [Learn more about the Speed Index metric.](#)
- Largest Contentful Paint
0.2 s
Largest Contentful Paint marks the time at which the largest text or image is painted. [Learn more about the Largest Contentful Paint metric](#)
- Cumulative Layout Shift
0
Cumulative Layout Shift measures the movement of visible elements within the viewport. [Learn more about the Cumulative Layout Shift metric.](#)

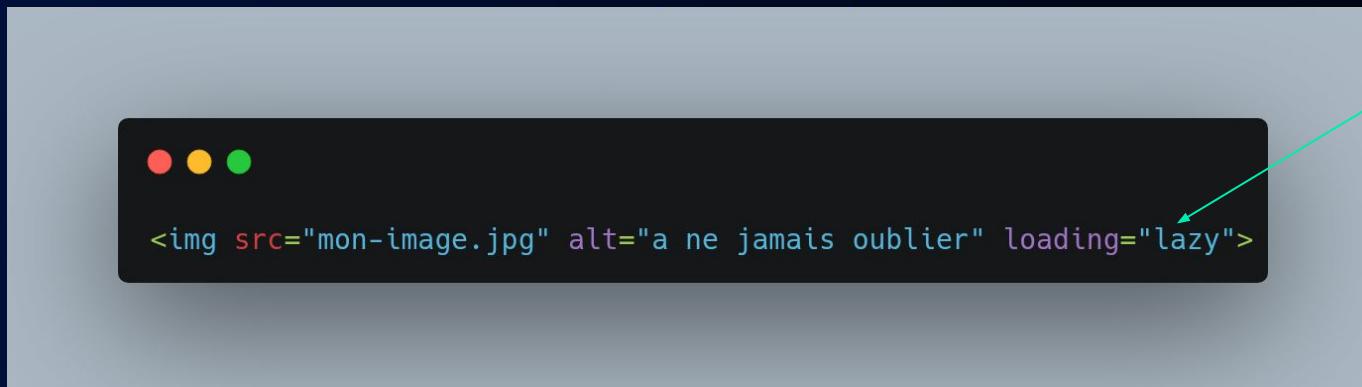
<https://developer.chrome.com/docs/lighthouse/performance/first-contentful-paint?hl=fr>

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2es images



L'attribut `loading="lazy"`

C'est tout



[: The Image Embed element - HTML | MDN](#)

TCM://

La balise <picture>

Afficher une image **VS** bien afficher une image

```

```

```
<picture>
  <source
    type="image/avif"
    srcset="
      /image-400.avif 400w,
      /image-800.avif 800w,
      /image-1200.avif 1200w
    "
    sizes="(max-width: 640px) 100vw, (max-width: 1024px) 50vw, 800px"
  />
  <source
    type="image/webp"
    srcset="
      /image-400.webp 400w,
      /image-800.webp 800w,
      /image-1200.webp 1200w
    "
    sizes="(max-width: 640px) 100vw, (max-width: 1024px) 50vw, 800px"
  />
  
</picture>
```

[The Picture element - HTML | MDN](#)

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Les contenus lourds



L'API intersectionObserver

Déetecter quand un élément entre dans le viewport

```
const observer = new IntersectionObserver((entries) => {
  entries.forEach(entry => {
    if (entry.isIntersecting) {
      // charger ici
    }
  });
}, {
  threshold: 0.5,
  rootMargin: '0px'
});

document.querySelectorAll('.ma-class').forEach(el => {
  observer.observe(el);
});
```

[MDN - Intersection Observer API](#)



Merci



Avez-vous des questions ?

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