Adding additional content with a note and example to the ‘pre-render’ link types.

Link : <https://developer.mozilla.org/en-US/docs/Web/HTML/Link_types/prerender>

**Original Source Document.**

<p><span class="seoSummary">The <strong><code>prerender</code></strong> keyword for the {{HTMLAttrxRef("rel", "link")}} attribute of the {{HTMLElement("link")}} element is a hint to browsers that the user might need the target resource for the next navigation, and therefore the browser can likely improve the user experience by preemptively fetching and processing the resource — for example, by fetching its subresources or performing some rendering in the background offscreen.</span></p>

<h2 id="Specifications" name="Specifications">Specifications</h2>

<table class="standard-table">

<thead>

<tr>

<th scope="col">Specification</th>

<th scope="col">Status</th>

<th scope="col">Comment</th>

</tr>

</thead>

<tbody>

<tr>

<td>{{SpecName("HTML WHATWG", "#link-type-prerender", "prerender")}}</td>

<td>{{Spec2("HTML WHATWG")}}</td>

<td></td>

</tr>

</tbody>

</table>

<h2 id="Browser\_compatibility">Browser compatibility</h2>

<div class="hidden">The compatibility table in this page is generated from structured data. If you'd like to contribute to the data, please check out <a href="https://github.com/mdn/browser-compat-data">https://github.com/mdn/browser-compat-data</a> and send us a pull request.</div>

<p>{{Compat("html.elements.link.rel.prerender")}}</p>

**Content and examples I will be adding**

By using ‘pre-render’ keyword in the link tag, the particular page and all its resources are downloaded, the DOM will be created, the entire page will be laid out with CSS applied and all the JavaScript will be executed.  
All of this will not be visible to the user who is using the site, it is like opening the specific URL in a hidden tab. When the user wants to navigate to the specific link the browser will swap to the page instantly as resources have already been downloaded. This makes web pages appear more faster.

Google search has used this feature for many years under the name Instant pages.

Microsoft uses it under Bing on IE11.

Diagram

Description automatically generated

Note : you have to be careful while using prerendering as it is resource heavy and can cause bandwidth waste, especially on mobile devices. You will also not be able to test this with chrome dev tools, but you can see if a page is being prerendered at chrome://net-internals/#prerender

You can also test it yourself at [prerender-test.appspot.com](http://prerender-test.appspot.com/).

Example

<link rel="prerender" href=" https://www.keycdn.com/blog/resource-hints ">

**After adding example to Source document**

|  |
| --- |
| <p><span class="seoSummary">The <strong><code>prerender</code></strong> keyword for the {{HTMLAttrxRef("rel", "link")}} attribute of the {{HTMLElement("link")}} element is a hint to browsers that the user might need the target resource for the next navigation, and therefore the browser can likely improve the user experience by preemptively fetching and processing the resource — for example, by fetching its subresources or performing some rendering in the background offscreen.</span></p>  <p><span style="font-size:1rem; letter-spacing:-0.00278rem">By using ‘pre-render’ keyword in the link tag, the particular page and all its resources are downloaded, the DOM will be created, the entire page will be laid out with CSS applied and all the JavaScript will be executed.</span></p>  <p>All of this will not be visible to the user who is using the site, it is like opening the specific URL in a &nbsp;hidden tab. When the user wants to navigate to the specific link the browser will swap to the page instantly as resources have already been downloaded. This makes web pages appear more faster.</p>  <p>Google search has used this feature for many years under the name Instant pages.Microsoft uses it under Bing on IE11.</p>  <p><img alt="Prerendering " src="https://ipullrank.com/wp-content/uploads/2016/01/011216\_0132\_HowISpedUpM3.png" style="height:341px; width:486px" /></p>  <div class="blockIndicator note" role="complementary">  <p>Note :&nbsp; you have to be careful while using prerendering as it is resource heavy and can cause bandwidth waste, especially on mobile devices. You will also not be able to test this with chrome dev tools, but you can see if a page is being prerendered at&nbsp;chrome://net-internals/#prerender You can also test it yourself at&nbsp;<a href="http://prerender-test.appspot.com/" target="\_blank">prerender-test.appspot.com</a>.</p>  </div>  <blockquote>  <h2 id="Specifications" name="Specifications">Example</h2>  <pre class="brush: html" name="Specifications">  &lt;link rel="prerender" href=" https://www.keycdn.com/blog/resource-hints "&gt;</pre>  </blockquote>  <h2>Specifications</h2>  <table class="standard-table" style="font-size:1rem; letter-spacing:-0.00278rem">  <thead>  <tr>  <th scope="col">Specification</th>  <th scope="col">Status</th>  <th scope="col">Comment</th>  </tr>  </thead>  <tbody>  <tr>  <td>{{SpecName("HTML WHATWG", "#link-type-prerender", "prerender")}}</td>  <td>{{Spec2("HTML WHATWG")}}</td>  <td></td>  </tr>  </tbody>  </table>  <h2 id="Browser\_compatibility">Browser compatibility</h2>  <div class="hidden">The compatibility table in this page is generated from structured data. If you'd like to contribute to the data, please check out <a href="https://github.com/mdn/browser-compat-data">https://github.com/mdn/browser-compat-data</a> and send us a pull request.</div>  <p>{{Compat("html.elements.link.rel.prerender")}}</p> |

**Preview after making changes to the Document.**

**Diagram

Description automatically generated**