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# DEVELOPER TOOLS



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24 DE SEPTIEMBRE DE 2024

MIGUEL GUTIERREZ ALONSO

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# What are developer tools

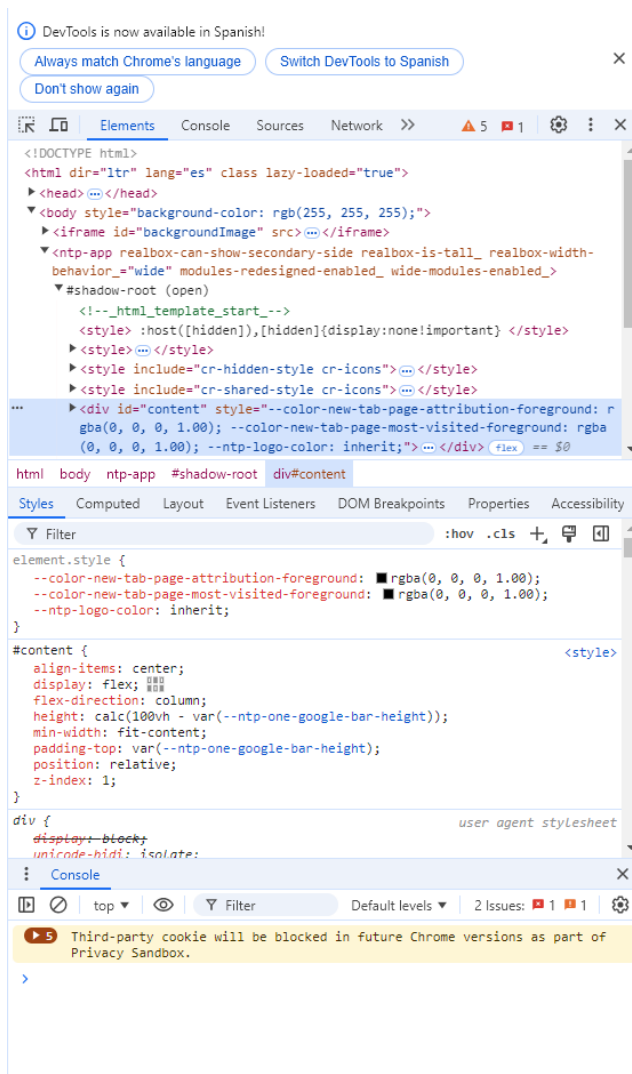
The browser DevTools are a set of web developer tools built directly into the different web browsers. DevTools lets you edit pages on-the-fly and diagnose problems quickly, which helps you build better websites, faster.

## Developer tools on Google Chrome

To open the developer tools, we just basically need to press.

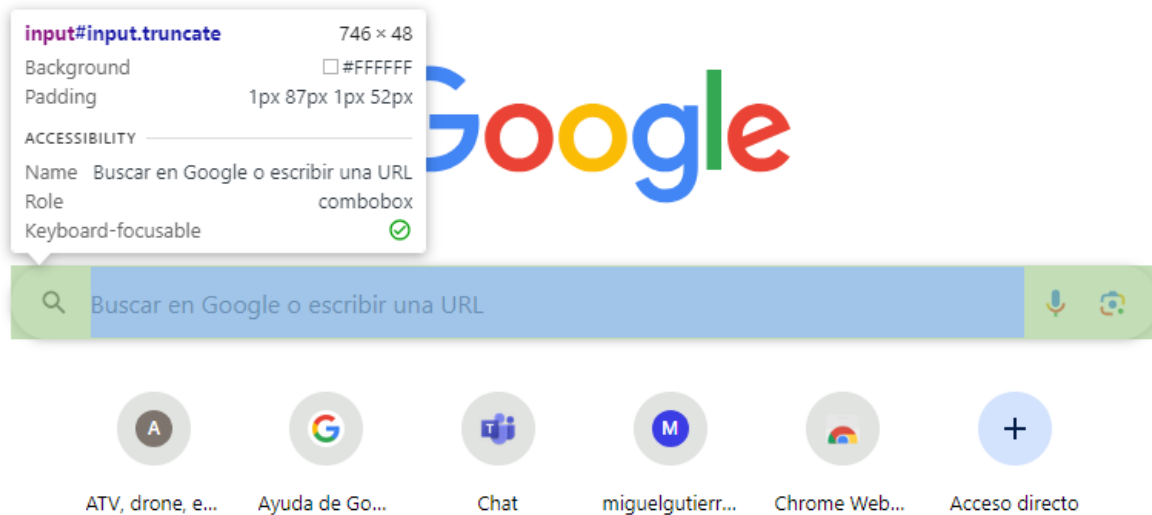
- Right click → Inspect
- Ctrl + Shift + J
- F12

After that, this window will open.



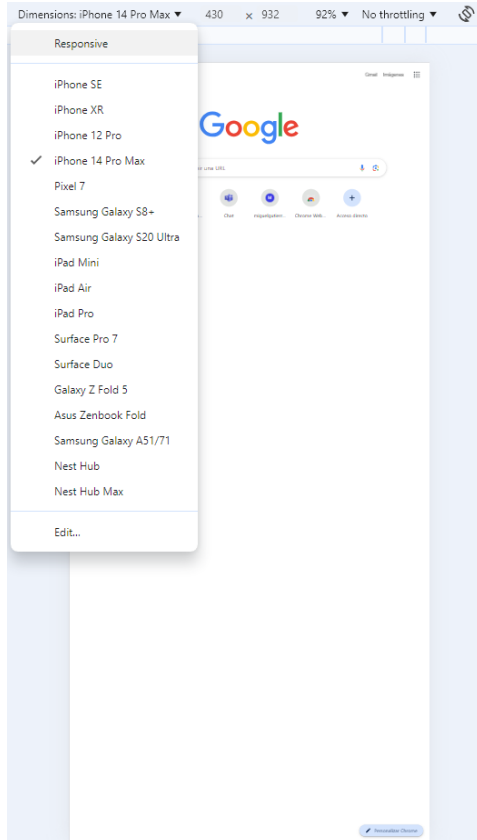
## Inspect element

This featuring will allow us to inspec each element of the web page, showing us the information about it.



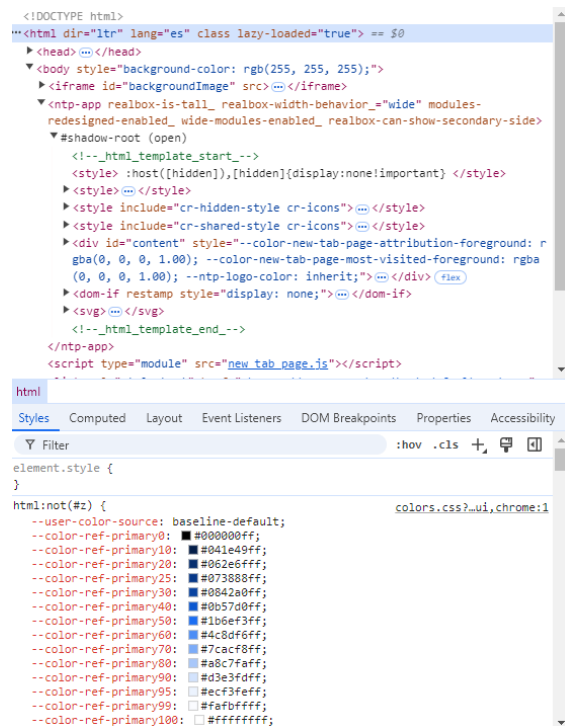
## Toggle device toolbar

This featuring will allow us to change the dimensions of our page, so we can see for example how it would be in a phone.



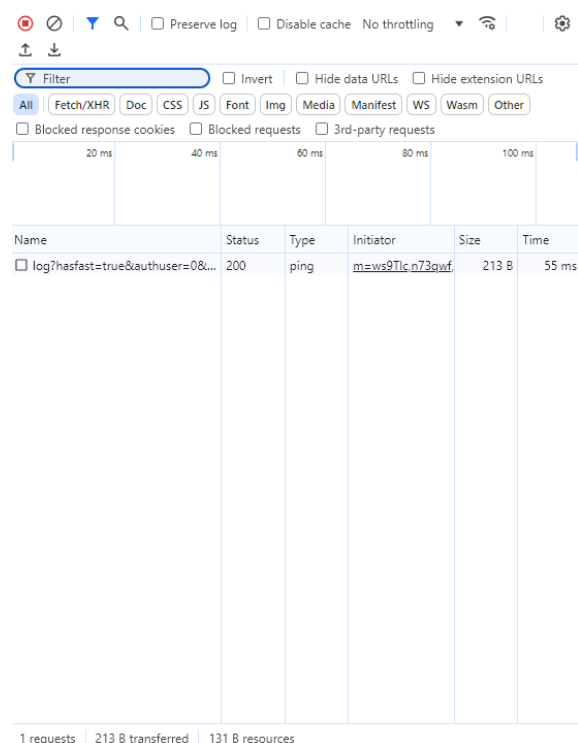
## Elements

Elements will display all the Html and css document of the page if we click a line, it will display the properties of the tag we choose.



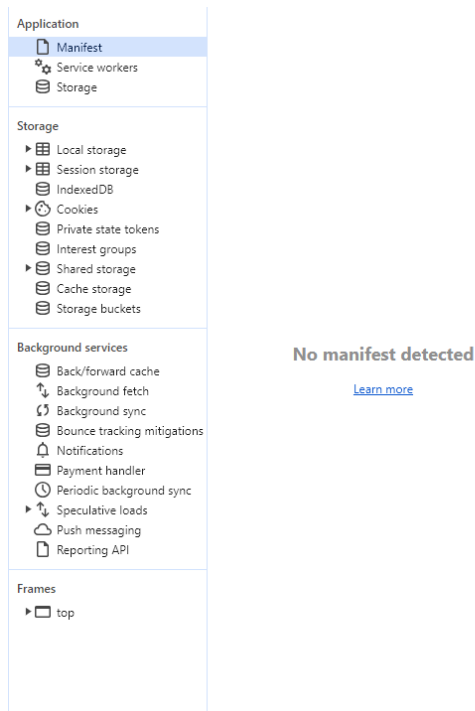
## Network

Network will display the network traffic of the website and lets us see if there are any problems that make the website to load slow or any other issue related with the network. It also allows us to disable the cache or preserve the log.



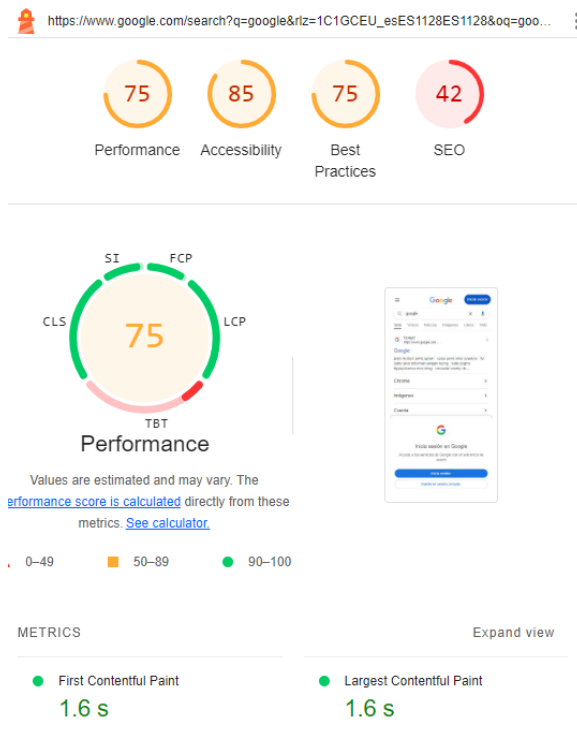
## Application

The application panel allows us to check all the resources that the page has loaded so far (images, fonts, scripts, files, cookies, databases, sessions...).



## Lighthouse

The lighthouse tool is made to analyze a webpage from a lot of perspectives (its recommended to use the incognito mode (Ctrl+shift+N) to clear the cache we have loaded in the website).




## Developer tools on Mozilla Firefox

Same as on Google Chrome, we open the devtools with ctrl+shift+j, f12 or rightclick->inspect.

Let's see what features we have on this browser and the differences between this and Chrome so far.

### Inspect element

Which Works like in Chrome, you click on the icon  and if you hover to an element it displays the information of it.

### Mobile display

Which also Works like in Chrome, where you can select the different size of the screen to see how it would be displaced.

### Inspector

Inspector displays the information about all the html document of the website, in Firefox you can also search for any part of the document by clicking the magnifying glass. It also shows the disposition of any item.



## Network

As in Chrome, it displays the network traffic of the webpage, showing directly the request that the page is getting.

Filtrar las URL									
<input type="checkbox"/> Desactivar caché <input type="text" value="Sin límite..."/>									
Todos	HTML	CSS	JS	XHR	Tipografía	Imágenes	Medios	WS	Otros
Est...	M...	Dominio	Archivo	Iniciador	Tipo	Transferen...	Ta...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	5,68 KB	4...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	5,83 KB	4...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	8,07 KB	6...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	4,11 KB	3...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	6,55 KB	5...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	6,31 KB	5...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	5,59 KB	4...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	6,21 KB	5...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	4,33 KB	3...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	6,87 KB	5...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	5,52 KB	4...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	6,94 KB	5...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	7,85 KB	6...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	5,22 KB	4...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	8,37 KB	7...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	12,71 KB	11...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	8,23 KB	7...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	7,84 KB	6...		
384	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	cacheado	6...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	10,24 KB	9...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	12,97 KB	11...		
200	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	10,63 KB	9...		
200	GET	img-getp...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	cacheado	8...		
200	GET	img-getp...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	cacheado	8...		
200	GET	img-getp...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	cacheado	12...		
200	GET	img-getp...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	cacheado	8...		
200	GET	img-getp...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	cacheado	8...		
384	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	cacheado	8...		
384	GET	img-g...	https://x3.us-east-1.amazonaws.com/lazy-ima...		jpeg	cacheado	6...		
30 solicitudes 209,89 KB / 156,08 KB transferido Finalizado: 612 ms									

## Style editor

The style editor is a function that doesn't exist in Chrome perse and it display the css style properties of the website.

Filtrar hojas de estilo	
tokens-brand.css	3 reglas.
moz-toggle.css	Guardar
contentSearchUI.css	24 reglas.
moz-label.css	1 regla
moz-toggle.css	34 reglas.
<pre>1 /* This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, you can obtain one at http://mozilla.org/MPL/2.0/. */ 2 3 @import url("chrome://global/skin/design-system.css"); 4 5 :host { 6   display: flex; 7   flex-direction: column; 8   gap: 4px; 9 } 10 11 :host([disabled]) { 12   opacity: 0.4; 13 } 14 15 ::slotted(a[is="moz-support-link"]) { 16   display: inline-block; 17 } 18 19 #moz-toggle-label { 20   display: flex; 21   justify-content: space-between; 22   align-items: center; 23   gap: 8px; 24 } 25 26 .description-wrapper, 27 .description-wrapper ::slotted([slot="support-link"]) { 28   margin: 0; 29 } 30 31 .toggle-button { 32   --toggle-background-color: var(--button-background-color); 33   --toggle-background-color-hover: var(--button-background-color-hover); 34   --toggle-background-color-active: var(--button-background-color-active); 35   --toggle-background-color-pressed: var(--button-background-color-pressed); 36   --toggle-background-color-pressed-hover: var(--button-background-color-pressed-hover); 37   --toggle-background-color-pressed-active: var(--button-background-color-pressed-active); 38   --toggle-border-color: var(--border-color-inset); 39   --toggle-border-color-hover: var(--toggle-border-color-hover); 40   --toggle-border-color-active: var(--toggle-border-color-active); 41   --toggle-border-radius: var(--border-radius-inset); 42   --toggle-border-width: var(--border-width); 43   --toggle-height: var(--size-item-small); 44   --toggle-width: var(--size-item-large); 45   --toggle-dot-background-color: var(--toggle-dot-background-color); 46 } 47</pre>	
{ }	



## Storage

It's like the "Application" devtool of Chrome, it displays the local storage and cookies of the page but doesn't show the services of itself.

