



Refactorización

**Ingeniería en sistemas y
tecnologías de la información**

Lucas Bernardo Chivis Cid

S23021480

resultado

Artist	Title
Bob Dylan	Empire Burlesque
Bonnie Tyler	Hide your heart
Dolly Parton	Greatest Hits
Gary Moore	Still got the blues
Eros Ramazzotti	Eros
Bee Gees	One night only
Dr.Hook	Sylvias Mother
Rod Stewart	Maggie May
Andrea Bocelli	Romanza
Percy Sledge	When a man loves a woman
Savage Rose	Black angel
Many	1999 Grammy Nominees
Kenny Rogers	For the good times
Will Smith	Big Willie style
Van Morrison	Tupelo Honey
Jorn Hoel	Soulsville
Cat Stevens	The very best of
Sam Brown	Stop
T'Pau	Bridge of Spies
Tina Turner	Private Dancer
Kim Larsen	Midt om natten
Luciano Pavarotti	Pavarotti Gala Concert
Otis Redding	The dock of the bay
Simply Red	Picture book

Network Tab Data (Refactorized):

Name	Status	Type	Initiator	Size	Time
pagina01.html	200	document	Other	0.7 kB	18 ms
__vscode_livepreview_injected_script	200	script	pagina01.html#2	9.5 kB	14 ms
principal.js	200	script	pagina01.html#10	0.3 kB	17 ms
loadXML.js	200	script	principal.js#1	0.7 kB	10 ms

Network Tab Data (Non-refactorized):

Name	Status	Type	Initiator	Size	Time
pagina01.html	200	document	Other	1.7 kB	45 ms
__vscode_livepreview_injected_script	200	script	pagina01.html#2	9.5 kB	10 ms
principal.js	200	script	pagina01.html#10	0.3 kB	19 ms
cd_catalog.xml	200	xhr	pagina01.html#25	5.1 kB	10 ms
loadXML.js	200	script	principal.js#1	0.7 kB	15 ms
myfunction.js	200	script	loadXML.js#1	0.7 kB	8 ms
1574b0e2fe438c94aed1d9f6ea08d360223740	101	websocket	__vscode_livepreview	0.0 kB	Pending

La pagina01refactorizada cargó solo el 57% de los recursos (4 de 7 requests), transfiriendo 11.1 kB (65%) y cargando 10.2 kB (66%) en 129 ms.

La pagina01Norefactorizada cargó todo completamente (7/7 requests), transfiriendo 17.9 kB (100%) y cargando 16.5 kB (100%) en 140 ms.

Diferencias:


- La pagina01refactorizada fue más rápida (129 ms vs 140 ms) pero incompleta
- La pagina01Norefactorizada cargó todo, pero fue un 8.5% más lenta
- La pagina01Norefactorizada transfirió 6.8 kB más de datos que la Imagen 1

GitHub - Lucasbcs/40270

Document

127.0.0.1:3000/html00/areas/pagina05.html

Random Picture



John

John

John

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Elements Console Sources Network Performance Memory Application

Filter e.g. /small[cd]/ url.a.com/b

Fetch/XHR Doc CSS JS Font Img Wasm Other

200 ms 400 ms 600 ms 800 ms 1,000 ms 1,200 ms 1,400 ms 1,600 ms

Name	Status	Type	Initiator	Size	Time
página05.html	200	document	Other	0.9 kB	47 ms
__vscdev_livepreview_injected_script	200	script	página05.html#2	9.5 kB	18 ms
principal05.js	200	script	página05.html#22	0.5 kB	22 ms
picture.js	200	script	principal05.js#1	0.5 kB	5 ms
200	302	/ Redirect	principal05.js#9	0.7 kB	1.22 s
200	302	/ Redirect	principal05.js#9	0.5 kB	1.22 s
200	302	/ Redirect	principal05.js#9	0.5 kB	1.22 s
1574b0e2fe438e94aed1d9f6ea08d36f2223740	101	websocket	__vscdev_livepreview	0.0 kB	Pending
200.jpg?hmac=ZB9EZ0Vtzq-BZSmo7KJB8KJLW...	200	jpeg	200	(disk cache)	3 ms
200.jpg?hmac=ISWZUUpv7D1D156XcADPOCZfE...	200	jpeg	200	(disk cache)	3 ms
200.jpg?hmac=NSyYUNV5gOUcaMmTtnNtb8...	200	jpeg	200	(disk cache)	3 ms


11 requests | 13.0 kB transferred | 33.3 kB resources | Finish: 1.36 s | DOMContentLoaded: 128 ms | Load: 1.37 s

GitHub - Lucasbcs/40270

Document

127.0.0.1:3000/html00/pagina05.html

Random Picture



John

John

John

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Filter e.g. /small[cd]/ url.a.com/b

Fetch/XHR Doc CSS JS Font Img Media Manifest Socket Wasm Other

100 ms 200 ms 300 ms 400 ms 500 ms 600 ms 700 ms 800 ms

Name	Status	Type	Initiator	Size	Time
página05.html	200	document	Other	2.1 kB	35 ms
__vscdev_livepreview_injected_script	200	script	página05.html#2	9.5 kB	15 ms
200	302	/ Redirect	página05.html#61	0.4 kB	685 ms
200	302	/ Redirect	página05.html#61	0.4 kB	684 ms
200	302	/ Redirect	página05.html#61	0.4 kB	683 ms
1574b0e2fe438e94aed1d9f6ea08d36f2223740	101	websocket	__vscdev_livepreview	0.0 kB	Pending
200.jpg?hmac=NSyYUNV5gOUcaMmTtnNtb8...	200	jpeg	200	(disk cache)	3 ms
200.jpg?hmac=ISWZUUpv7D1D156XcADPOCZfE...	200	jpeg	200	(disk cache)	3 ms
200.jpg?hmac=ZB9EZ0Vtzq-BZSmo7KJB8KJLW...	200	jpeg	200	(disk cache)	6 ms

9 requests | 12.9 kB transferred | 34.0 kB resources | Finish: 795 ms | DOMContentLoaded: 104 ms | Load: 805 ms

La pagina05refactorizada: 11 requests, 13.0 kB transferidos, 33.3 kB recursos, 1.36 ms.

La pagina05Norefactorizada: 9 requests, 12.9 kB transferidos, 34.0 kB recursos, 0.795 ms.

Diferencia:

La pagina05Norefactorizada es más rápida a pesar de transferir casi los mismos datos y manejar 1 petición extra, Misma carga de recursos, pero la pagina05Norefactorizada optimiza mejor el tiempo de respuesta.

The screenshot shows a web browser with the URL `127.0.0.1:3000/html00/areas/pagina06.html`. The page content includes a section titled "Eventos" with three circular images of a person using a laptop, each labeled "John". The DevTools Network tab is open, showing a list of requests. The status bar at the bottom indicates 9/12 requests, 13.1 kB transferred, 10.5 kB resources, and a finish time of 955 ms.

Name	Status	Type	Initiator	Size	Time
pagina06.html	200	document	Other	0.7 kB	78 ms
__vscdev_livereview_injected_script	200	script	pagina06.html:2	9.5 kB	27 ms
pagina06.css	200	stylesheet	pagina06.html:6	0.3 kB	44 ms
principal06.js	200	script	pagina06.html:11	0.7 kB	74 ms
picture06.js	200	script	principal06.js:1	0.4 kB	25 ms
200	302	/ Redirect	principal06.js:4	0.5 kB	732 ms
200	302	/ Redirect	principal06.js:4	0.5 kB	730 ms
200	302	/ Redirect	principal06.js:4	0.4 kB	731 ms
1574b0e2fe438-94aed1d9f6ea08d360f2223740	101	websocket	__vscdev_livereview	0.0 kB	Pending

The screenshot shows a web browser with the URL `127.0.0.1:3000/html00/pagina06.html`. The page content includes a section titled "Eventos" with three circular images of a person using a laptop, each labeled "John". The DevTools Network tab is open, showing a list of requests. The status bar at the bottom indicates 11 requests, 13.0 kB transferred, 33.2 kB resources, and a finish time of 956 ms.

Name	Status	Type	Initiator	Size	Time
pagina06.html	200	document	Other	0.7 kB	21 ms
__vscdev_livereview_injected_script	200	script	pagina06.html:2	9.5 kB	6 ms
pagina06.css	200	stylesheet	pagina06.html:6	0.3 kB	10 ms
pagina06.js	200	script	pagina06.html:11	0.8 kB	11 ms
200	302	/ Redirect	pagina06.js:9	0.7 kB	887 ms
200	302	/ Redirect	pagina06.js:9	0.5 kB	887 ms
200	302	/ Redirect	pagina06.js:9	0.5 kB	886 ms
1574b0e2fe438-94aed1d9f6ea08d360f2223740	101	websocket	__vscdev_livereview	0.0 kB	Pending
200.jpg7hmacsjZB9EZ0Vtzq-BZSm07/KB8KJLW...	200	jpeg	200	(disk cache)	3 ms
200.jpg7hmacsjZB9EZ0Vtzq-BZSm07/KB8KJLW...	200	jpeg	200	(disk cache)	3 ms
200.jpg7hmacsjZB9EZ0Vtzq-BZSm07/KB8KJLW...	200	jpeg	200	(disk cache)	3 ms

La pagina06refactorizada: 9/12 requests completadas, 13.1 kB transferido, 10.5 kB de resources y de tiempo: 955 ms

La pagina06Norefactorizada: 11 requests completadas, 13.0 kB transferidos, 33.2 kB de resources y tiempo: 956 ms

Diferencia:

Ambas tienen tiempos casi idénticos, pero: La pagina06refactorizada no completó todas las requests y La pagina06Norefactorizada cargó todo completamente en el mismo tiempo.

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Nombre de usuario

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Filter

Name	Status	Type	Initiator	Size	Time
pagina07.html	200	document	Other	1.4 kB	18 ms
__vcode_livepreview_injected_script	200	script	pagina07.html#2	9.5 kB	17 ms
formulario.css	200	stylesheet	pagina07.html#6	0.8 kB	30 ms
principal07.js	200	script	pagina07.html#27	0.9 kB	21 ms
muestrajs	200	script	principal07.js#1	0.4 kB	7 ms
boton.js	404	script	principal07.js#2	0.2 kB	108 ms
+ 1574b0e2fe438:94aed1d9f6e08d360f2223740	101	websocket	__vcode_livepreview	0.0 kB	Pending

7 requests | 13.2 kB transferred | 11.8 kB resources | Finish: 190 ms | DOMContentLoaded: 104 ms | Load: 109 ms

Inicio de Sesión

Nombre de usuario

Contraseña

Iniciar Sesión

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Filter

Name	Status	Type	Initiator	Size	Time
pagina07.html	200	document	Other	1.4 kB	21 ms
__vcode_livepreview_injected_script	200	script	pagina07.html#2	9.5 kB	13 ms
formulario.css	200	stylesheet	pagina07.html#6	0.8 kB	23 ms
formulario.js	200	script	pagina07.html#27	1.1 kB	19 ms
+ 1574b0e2fe438:94aed1d9f6e08d360f2223740	101	websocket	__vcode_livepreview	0.0 kB	Pending

5 requests | 12.8 kB transferred | 11.8 kB resources | Finish: 89 ms | DOMContentLoaded: 94 ms | Load: 96 ms

La pagina07refactorizada: 7 requests, 13.2 kB, 11.8 kB resources y tiempo: 190 ms

La pagina07refactorizada: 5 requests, 12.8 kB, 11.8 kB resources y tiempo: 89 ms

Diferencias:

La Imagen 2 demuestra mejor optimización al lograr el mismo resultado con menos peticiones y en menos de la mitad de tiempo.