
Entendiendo los métodos HTTP: GET y POST

— Desarrollo Web en Entorno
Servidor —

Herramientas

Para realizar llamadas de métodos HTTP usaremos las siguientes herramientas:

- cURL
- Navegador Web: Inspector de código
- Postman

Como veremos, los métodos HTTP (GET, POST, etc) devuelven cierta información que podemos clasificar en:

- Cabeceras ([Guía de las cabeceras existentes](#))
- Contenido

cURL

cURL es una herramienta software, utilizada en la consola de comandos del sistema operativo, que permite obtener y enviar datos mediante diversos protocolos Web.

Estos protocolos pueden ser HTTP, HTTPS, FTP, FTPS, etc.

Es una herramienta muy potente que permite descargar ficheros o bajarse páginas web enteras, incluso de forma recursiva.

Veremos un ejemplo de cómo usar este comando sobre el protocolo HTTP para hacer peticiones GET y recuperar tanto una página completa como datos en formato JSON.

[Guía rápida de cURL](#)

cURL

Método GET para obtener el contenido de una página:

```
Administrador: Windows Pow  x  +  v
PS C:\Users\asanhid> curl http://www.google.com

StatusCode      : 200
StatusDescription : OK
Content         : <!doctype html><html itemscope="" itemtype="http://schema.org/WebPage" lang="es"><head><meta
                  content="Google.es permite acceder a la información mundial en castellano, catalán, gallego,
                  euskara e ingl...
RawContent      : HTTP/1.1 200 OK
                  X-XSS-Protection: 0
                  X-Frame-Options: SAMEORIGIN
                  Vary: Accept-Encoding
                  Transfer-Encoding: chunked
                  Accept-Ranges: none
                  Cache-Control: private, max-age=0
                  Content-Type: text/html; c...
Forms           : {f}
Headers         : {[X-XSS-Protection, 0], [X-Frame-Options, SAMEORIGIN], [Vary, Accept-Encoding],
                  [Transfer-Encoding, chunked]...}
Images          : {@{innerHTML=; innerText=; outerHTML=<IMG id=hplogo style="PADDING-BOTTOM: 14px; PADDING-TOP:
                  28px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px" alt=Google
                  src="/images/branding/googlelogo/1x/googlelogo_white_background_color_272x92dp.png" width=272
                  height=92>; outerText=; tagName=IMG; id=hplogo; style=PADDING-BOTTOM: 14px; PADDING-TOP: 28px;
                  PADDING-LEFT: 0px; PADDING-RIGHT: 0px; alt=Google;
                  src=/images/branding/googlelogo/1x/googlelogo_white_background_color_272x92dp.png; width=272;
                  height=92}}
InputFields     : {@{innerHTML=; innerText=; outerHTML=<INPUT type=hidden value=es name=hl>; outerText=;
                  tagName=INPUT; type=hidden; value=es; name=hl}, @{innerHTML=; innerText=; outerHTML=<INPUT
                  type=hidden value=hp name=source>; outerText=; tagName=INPUT; type=hidden; value=hp; name=source},
```

cURL

Método GET para obtener datos JSON de una API sencilla

```
Administrador: Windows Pow x + v
PS C:\Users\asanhid> curl https://dog.ceo/api/breeds/image/random

StatusCode      : 200
StatusDescription : OK
Content         : {"message":"https://images.dog.ceo/breeds/pyrenees/n02111500_4187.jpg","status":"success"}
RawContent      : HTTP/1.1 200 OK
                  Transfer-Encoding: chunked
                  Connection: keep-alive
                  Access-Control-Allow-Origin: *
                  X-Cache-Hits: 0
                  X-Cache: MISS
                  Age: 0
                  Vary: Accept-Encoding
                  CF-Cache-Status: DYNAMIC
                  Report-To:...
Forms           : {}
Headers         : [[Transfer-Encoding, chunked], [Connection, keep-alive], [Access-Control-Allow-Origin, *],
                  [X-Cache-Hits, 0]...]
Images          : {}
InputFields     : {}
Links           : {}
ParsedHtml      : System.__ComObject
RawContentLength : 95
```



Método GET para obtener datos JSON de una API con más contenido

```
PS C:\Users\asanhid> curl https://rickandmortyapi.com/api/character | Select-Object -Expand Content
{"info":{"count":826,"pages":42,"next":"https://rickandmortyapi.com/api/character?page=2","prev":null},"results":[{"id":1,"name":"Rick Sanchez","status":"Alive","species":"Human","type":"","gender":"Male","origin":{"name":"Earth (C-137)","url":"https://rickandmortyapi.com/api/location/1"},"location":{"name":"Citadel of Ricks","url":"https://rickandmortyapi.com/api/location/3"},"image":"https://rickandmortyapi.com/api/character/avatar/1.jpeg","episode":["https://rickandmortyapi.com/api/episode/1","https://rickandmortyapi.com/api/episode/2","https://rickandmortyapi.com/api/episode/3","https://rickandmortyapi.com/api/episode/4","https://rickandmortyapi.com/api/episode/5","https://rickandmortyapi.com/api/episode/6","https://rickandmortyapi.com/api/episode/7","https://rickandmortyapi.com/api/episode/8","https://rickandmortyapi.com/api/episode/9","https://rickandmortyapi.com/api/episode/10","https://rickandmortyapi.com/api/episode/11","https://rickandmortyapi.com/api/episode/12","https://rickandmortyapi.com/api/episode/13","https://rickandmortyapi.com/api/episode/14","https://rickandmortyapi.com/api/episode/15","https://rickandmortyapi.com/api/episode/16","https://rickandmortyapi.com/api/episode/17","https://rickandmortyapi.com/api/episode/18","https://rickandmortyapi.com/api/episode/19","https://rickandmortyapi.com/api/episode/20","https://rickandmortyapi.com/api/episode/21","https://rickandmortyapi.com/api/episode/22","https://rickandmortyapi.com/api/episode/23","https://rickandmortyapi.com/api/episode/24","https://rickandmortyapi.com/api/episode/25","https://rickandmortyapi.com/api/episode/26","https://rickandmortyapi.com/api/episode/27","https://rickandmortyapi.com/api/episode/28","https://rickandmortyapi.com/api/episode/29","https://rickandmortyapi.com/api/episode/30","https://rickandmortyapi.com/api/episode/31","https://rickandmortyapi.com/api/episode/32","https://rickandmortyapi.com/api/episode/33","https://rickandmortyapi.com/api/episode/34","https://rickandmortyapi.com/api/episode/35","https://rickandmortyapi.com/api/episode/36","https://rickandmortyapi.com/api/episode/37","https://rickandmortyapi.com/api/episode/38","https://rickandmortyapi.com/api/episode/39","https://rickandmortyapi.com/api/episode/40","https://rickandmortyapi.com/api/episode/41","https://rickandmortyapi.com/api/episode/42","https://rickandmortyapi.com/api/episode/43","https://rickandmortyapi.com/api/episode/44","https://rickandmortyapi.com/api/episode/45","https://rickandmortyapi.com/api/episode/46","https://rickandmortyapi.com/api/episode/47","https://rickandmortyapi.com/api/episode/48","https://rickandmortyapi.com/api/episode/49","https://rickandmortyapi.com/api/episode/50","https://rickandmortyapi.com/api/episode/51"],"url":"https://rickandmortyapi.com/api/character/1","created":"2017-11-04T18:48:46.250Z"},"id":2,"name":"Morty Smith","status":"Alive",
```

Inspector de Código de un Navegador Web

El inspector de código es una herramienta que incorporan algunos navegadores y que permite a los desarrolladores observar en profundidad el comportamiento de una página web.

En una página web, las peticiones a métodos GET y POST se realizan mediante elementos `<form>` en HTML o mediante Javascript (XMLHttpRequest o fetch)

En el siguiente ejemplo se usa el inspector de Firefox, pero el funcionamiento en otros navegadores es muy similar.

Al igual que con cURL, vamos a observar como el navegador realiza peticiones GET (obteniendo páginas web o datos en formato JSON) o peticiones POST.

Inspector de Código de un Navegador Web

Petición GET del contenido de una página (Cabeceras):

The screenshot shows the Chrome DevTools Network tab. A list of network requests is on the left, with the first request (GET to dog.ceo) selected. The 'Headers' sub-tab is active on the right, showing the response headers for the selected request. The 'html' type in the request list is highlighted with a red box.

Estado	Método	Dominio	Archivo	Iniciador	Tipo	Transferido	T...
200	GET	dog.ceo	/dog-api/	document	html	3,05 KB	6...
200	GET	dog.ceo	dog-api-logo.svg	img	cacheado		5...
200	GET	cdnjs.cloudflare.c...	jquery.min.js	script	js	cacheado	8...
200	GET	dog.ceo	main.js	script	js	cacheado	1...
200	GET	www.google-...	analytics.js	/dog-api/93 (s...	js	cacheado	4...
200	GET	dog.ceo	random	jquery.min.js:2 (...)	json	876 B	1...
200	POST	www.google-...	collect?v=1&v=j96&a=2090851364&t=page...	analytics.js:44 (...)	plain	611 B	4...
200	GET	images.dog.ceo	PXL_20210220_100624962.jpg	jquery.min.js:2 (...)	jpeg	90,90 KB	8...
200	POST	stats.g.double...	collect?t=dc&aip=1&r=3&v=1&v=j96&tid=l...	analytics.js:44 (...)	plain	681 B	1...
200	GET	pagead2.goo...	adsbygoogle.js	script	js	cacheado	1...
200	GET	dog.ceo	favicon.png	FaviconLoader.j...	png	cacheado	6...
200	GET	pagead2.goo...	show_ads_impl_with_ama_fy2021.js?dient=ca-p...	adsbygoogle.js:...	js	cacheado	3...
200	GET	googleads.g.d...	zrt_lookup.html	subdocument	html	cacheado	9...
200	GET	adservice.google...	integrator.js?domain=dog.ceo	show_ads_impl...	js	1,06 KB	1...
200	GET	adservice.goo...	integrator.js?domain=dog.ceo	show_ads_impl...	js	761 B	1...
200	GET	partner.googl...	cookie.js?domain=dog.ceo&callback=_gfp_s_&c...	show_ads_impl...	js	676 B	1...
200	GET	googleads.g.d...	ads?client=ca-pub-4498889939210127&...	subdocument	html	31,82 KB	9...
200	GET	googleads.g.d...	ads?client=ca-pub-4498889939210127&...	subdocument	html	42,99 KB	1...
200	GET	fonts.googleapi...	css?family=Open+Sans:300,400,500	stylesheet	css	1,38 KB	7...
200	GET	tpc.googleasy...	abg_lite_fy2021.js	script	js	cacheado	2...
200	GET	tpc.googleasy...	qs_click_protection_fy2021.js	script	js	cacheado	1...
200	GET	www.googlet...	rx_lidar.js?cache=r20110914	script	js	cacheado	1...
200	GET	www.gstatic.com	0265174e3185b0f4d8fd76517024ed.js?tag=...	script	js	cacheado	3...
200	GET	googleads.g.d...	adview?ai=CJLLHqY9LoGKu4nsEP_5i3oA2To7...	ads:1 (img)	html	864 B	0...

Cabeceras

GET https://dog.ceo/dog-api/

Estado: 200 OK

Versión: HTTP/3

Transferido: 3,05 KB (tamaño 6,25 KB)

Política de referencia: origin

Prioridad de la solicitud: Highest

Cabeceras de la respuesta (705 B)

age: 50

alt-svc: h3=":443"; ma=86400, h3-29=":443"; ma=86400

cf-cache-status: DYNAMIC

cf-ray: 74b3a06f1a6e66a7-MAD

content-encoding: br

content-type: text/html; charset=UTF-8

date: Thu, 15 Sep 2022 19:04:11 GMT

nel: {"success_fraction":0,"report_to":"cf-nel","max_age":604800}

report-to: {"endpoints":[{"url":"https://a.nel.cloudflare.com/vreport/v3?ts=05600iAD9EipVkpC8Fs6vwr%2BdNgzW13MR0g4RPFhU4um1FDaHum6%2B44R61msfHbRFlmrQs8GQMfDIYarSMPmVL9%2BPyBipWoHbw4pJc7E8tKQ6HgPNyxFBT"}],"group":"cf-nel","max_age":604800}

server: cloudflare

vary: Accept-Encoding

via: 1.1 varnish (Varnish/6.3), 1.1 varnish (Varnish/6.3)

x-cache: HIT

x-cache-hits: 1

x-powered-by: PHP/7.3.31

Cabeceras de la petición (710 B)

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8

Accept-Encoding: gzip, deflate, br

Accept-Language: es-ES;q=0.8,en-US;q=0.5,en;q=0.3

Alt-Used: dog.ceo

57 solicitudes | 1,92 MB / 391,43 KB transferido | Finalizado: 4,07 s | DOMContentLoaded: 258 ms | load: 2,41 s

Petición GET del contenido de una página (Contenido):

Estado	Método	Dominio	Archivo	Iniciador	Tipo	Transferido	Tamaño	Contenido
200	GET	dog.ceo	/dog-api/	document	html	3.05 KB	6...	HTML
200	GET	dog.ceo	dog-api-logo.svg	img	cacheado		5...	
200	GET	cdnjs.cloudflare.c...	jquery.min.js	script	js	cacheado	8...	
200	GET	dog.ceo	main.js	script	js	cacheado	1...	
200	GET	www.google-...	analytics.js	/dog-api/93 (s...	js	cacheado	4...	
200	GET	dog.ceo	random	jquery.min.js:2 (...)	json	876 B	1...	
200	POST	www.google-...	collect?v=1&_v=j96&a=2090851364&t=page	analytics.js:44 (...)	plain	611 B	4...	
200	GET	images.dog.ceo	PXL_20210220_100624962.jpg	jquery.min.js:2 (...)	jpeg	90.90 KB	8...	
200	POST	stats.g.double...	collect?t=dc&aid=1&r=3&v=1&_v=j96&tid=	analytics.js:44 (...)	plain	681 B	1...	
200	GET	pagead2.goo...	adsbygoogle.js		script	js	cacheado	1...
200	GET	dog.ceo	favicon.png	FaviconLoader.j...	png	cacheado	6...	
200	GET	pagead2.goo...	show_ads_impl_with_ama_fy2021.js?client=ca-p	adsbygoogle.js:...	js	cacheado	3...	
200	GET	googleads.g.d...	zrt_lookup.html		subdocument	html	cacheado	9...
200	GET	adservice.google...	integrator.js?domain=dog.ceo	show_ads_impl...	js	1.06 KB	1...	
200	GET	adservice.goo...	integrator.js?domain=dog.ceo	show_ads_impl...	js	761 B	1...	
200	GET	partner.google...	cookie.js?domain=dog.ceo&callback=_gfp_s_&c	show_ads_impl...	js	676 B	1...	
200	GET	googleads.g.d...	ads?client=ca-pub-4498889939210127&...		subdocument	html	31.82 KB	9...
200	GET	googleads.g.d...	ads?client=ca-pub-4498889939210127&...		subdocument	html	42.99 KB	1...
200	GET	fonts.googleapis...	css?family=Open+Sans:300,400,500	stylesheet	css	1.38 KB	7...	
200	GET	tpc.googlesyn...	abg_lite_fy2021.js	script	js	cacheado	2...	
200	GET	tpc.googlesyn...	qs_click_protection_fy2021.js	script	js	cacheado	1...	
200	GET	www.googlet...	rx_lidar.js?cache=r20110914	script	js	cacheado	1...	
200	GET	www.gstatic.com	026517f4e3185bf0f4d8fd76517024ed.js?tag=t	script	js	cacheado	3...	
200	GET	googleads.g.d...	adview?ai=CJLL1HqY9LoGKu4nsEP_5i3oA2To7...	ads:1 (img)	html	864 B	0...	

Inspector de Código de un Navegador Web

Petición GET de los datos que ofrece la API anterior (Cabeceras):

The screenshot shows the Chrome DevTools Network tab. The top toolbar includes icons for Inspector, Console, Depurador, Red, Editor de estilos, Rendimiento, Memoria, Almacenamiento, Accesibilidad, and a settings gear. Below the toolbar is a filter bar with 'Filtrar las URL' and a list of tabs: Todos, HTML, CSS, JS, XHR, Tipografía, Imágenes, Medios, WS, Otros, Desactivar caché, and Sin limitación. The main panel displays a table of network requests:

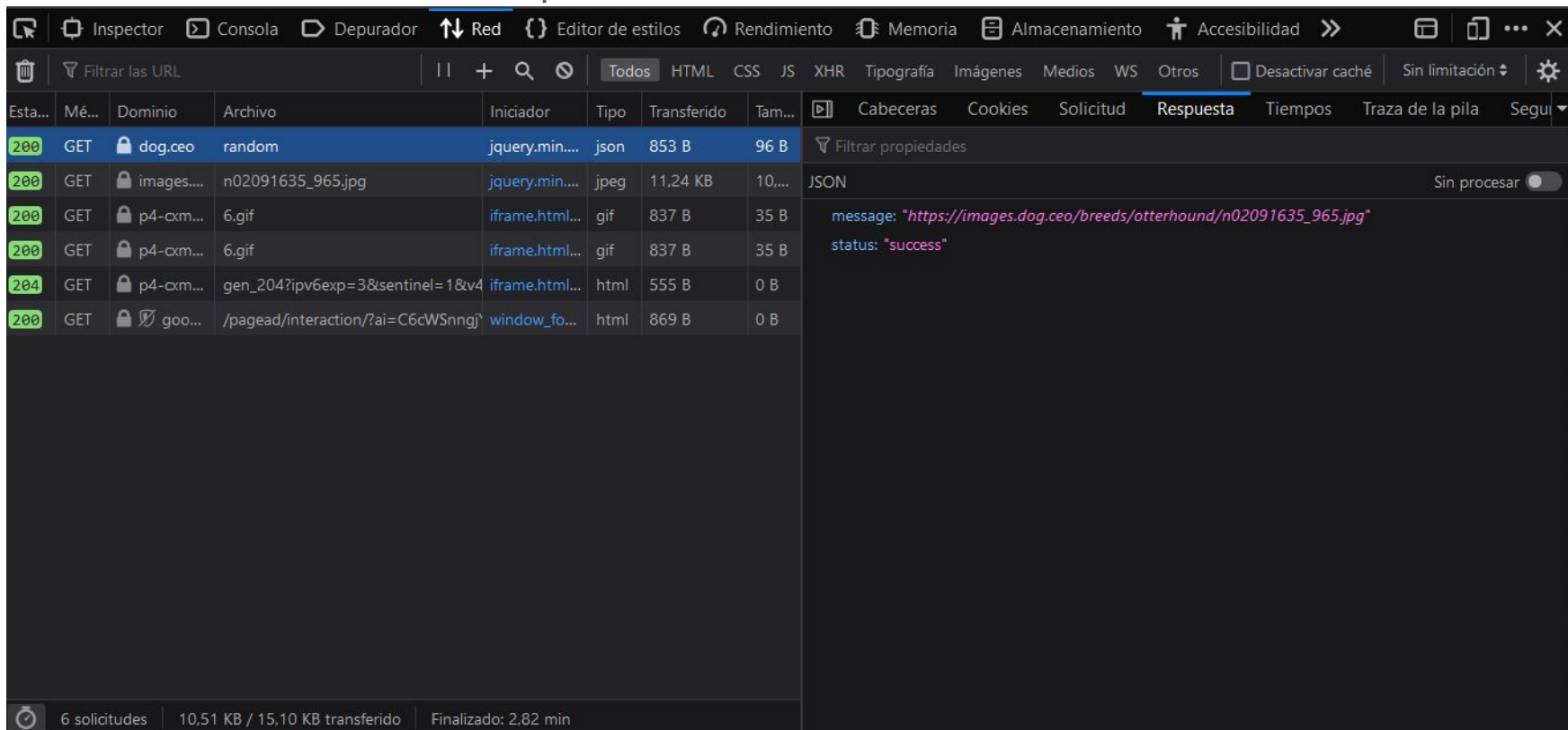
Est	Limpiar	Dominio	Archivo	Iniciador	Tipo	Transferido	Tam...
200	GET	dog.ceo	random	jquery.min....	json	853 B	96 B
200	GET	images....	n02091635_965.jpg	jquery.min....	jpeg	11,24 KB	10...
200	GET	p4-cxm...	6.gif	iframe.html...	gif	837 B	35 B
200	GET	p4-cxm...	6.gif	iframe.html...	gif	837 B	35 B
204	GET	p4-cxm...	gen_204?ipv6exp=3&sentinel=1&v4	iframe.html...	html	555 B	0 B

The 'json' type in the first row is highlighted with a red box. To the right, the 'Cabeceras' (Headers) panel is open, showing details for the selected GET request:

- GET**
- Scheme: https
- Host: dog.ceo
- Filename: /api/breeds/image/random
- Dirección: 172.67.155.23:443
- Estado: 200 OK
- Versión: HTTP/3
- Transferido: 853 B (tamaño 96 B)
- Política de referencia: strict-origin-when-cross-origin
- Prioridad de la solicitud: Highest
- Cabeceras de la respuesta (769 B)** (Sin procesar)
- access-control-allow-origin: *
- age: 0
- alt-svc: h3=":443"; ma=86400, h3-29=":443"; ma=86400
- cache-control: no-cache, private
- cf-cache-status: DYNAMIC
- cf-ray: 74b3a9af4b8a69b9-MAD

Inspector de Código de un Navegador Web

Petición GET de los datos que ofrece la API anterior (Contenido):



The screenshot shows the Network tab of a web browser's developer tools. The 'Response' sub-tab is selected, displaying a JSON object. The message is a URL to a dog image, and the status is 'success'.

Esta...	Mé...	Dominio	Archivo	Iniciador	Tipo	Transferido	Tam...
200	GET	dog.ceo	random	jquery.min....	json	853 B	96 B
200	GET	images....	n02091635_965.jpg	jquery.min....	jpeg	11,24 KB	10...
200	GET	p4-oxm...	6.gif	iframe.html...	gif	837 B	35 B
200	GET	p4-oxm...	6.gif	iframe.html...	gif	837 B	35 B
204	GET	p4-oxm...	gen_204?ipvpexp=3&sentinel=1&v4	iframe.html...	html	555 B	0 B
200	GET	goo...	/pagead/interaction/?ai=C6cWSnngj	window_fo...	html	869 B	0 B

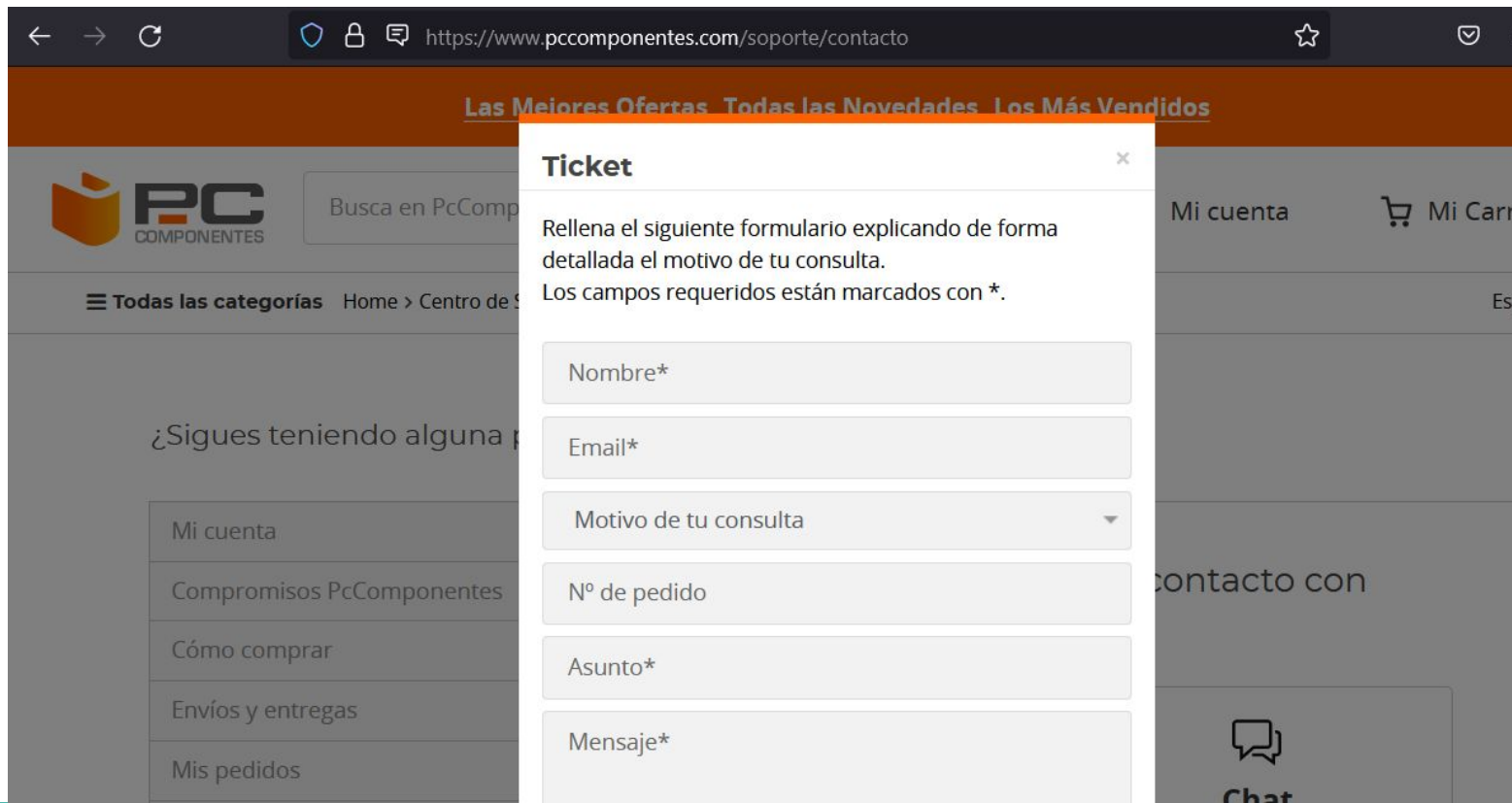
JSON

```
{  "message": "https://images.dog.ceo/breeds/otterhound/n02091635_965.jpg",  "status": "success"}
```





6 solicitudes | 10,51 KB / 15,10 KB transferido | Finalizado: 2,82 min

Inspector de Código de un Navegador Web


Petición POST de un formulario de contacto de una web:



The screenshot shows a web browser window with the address bar displaying `https://www.pccomponentes.com/soporte/contacto`. The page features a dark blue header with navigation links: [Las Mejores Ofertas](#), [Todas las Novedades](#), and [Los Más Vendidos](#). The PCComponentes logo is on the left, and a search bar is in the center. A sidebar on the left lists categories like [Mi cuenta](#), [Compromisos PcComponentes](#), [Cómo comprar](#), [Envíos y entregas](#), and [Mis pedidos](#). A modal titled "Ticket" is open in the center, containing a contact form. The form instructions state: "Rellena el siguiente formulario explicando de forma detallada el motivo de tu consulta. Los campos requeridos están marcados con *." The form fields are: "Nombre*", "Email*", "Motivo de tu consulta" (a dropdown menu), "Nº de pedido", "Asunto*", and "Mensaje*". The background of the website is dimmed.

← → ↻    `https://www.pccomponentes.com/soporte/contacto` ☆ 

[Las Mejores Ofertas](#) [Todas las Novedades](#) [Los Más Vendidos](#)



☰ **Todas las categorías** Home > Centro de Soporte

¿Sigues teniendo alguna duda?

[Mi cuenta](#) [Compromisos PcComponentes](#) [Cómo comprar](#) [Envíos y entregas](#) [Mis pedidos](#)

Ticket ✕

Rellena el siguiente formulario explicando de forma detallada el motivo de tu consulta.
Los campos requeridos están marcados con *.

Nombre*

Email*

Motivo de tu consulta ▼


Nº de pedido

Asunto*

Mensaje*

[Mi cuenta](#) [Mi Carr](#)

contacto con

 Chat

Inspector de Código de un Navegador Web

Petición POST de un formulario de contacto de una web (Cabeceras):

The screenshot displays the Chrome DevTools interface. The 'Network' tab is active, showing a list of network requests. The selected request is a POST to `https://www.pccomponentes.com/soporte/` with a status of 200 OK. The 'Headers' sub-tab is selected, showing the response headers for this request.

Est...	Método	Dominio	Archivo	...	Tipo	Transferido	Tam...
200	POST	www.pccomponentes.com	/soporte/	c...	json	750 B	282...
200	POST	www.facebook.com	/tr/	f...	plain	5,52 KB	0 B
200	GET	www.google.com	anchor?ar=1&k	s...	html	23,85 KB	43,...
200	GET	www.gstatic.com	recaptcha_es.js	s...	js	cacheado	0 B
	GET	www.google.com	webworker.js?hl	s...	js	112 B (rac...	102...
200	GET	www.gstatic.com	recaptcha_es.js	web	js	cacheado	390...
200	GET	www.google.com	bframe?hl=es&x	s...	html	2,03 KB	6,7...
200	GET	www.gstatic.com	recaptcha_es.js	s...	js	cacheado	0 B
204	POST	n.clarity.ms	collect	c...	xml	4,82 KB	0 B
204	POST	n.clarity.ms	collect	c...	xml	975 B	0 B
200	POST	bewoyx1cf1-dsn.algolia.n...	queries?x-algolia	c...	json	4,58 KB	35,...
200	POST	bewoyx1cf1-dsn.algolia.n...	queries?x-algolia	c...	json	4,58 KB	35,...
200	POST	bewoyx1cf1-dsn.algolia.n...	queries?x-algolia	c...	json	4,58 KB	35,...
200	POST	bewoyx1cf1-dsn.algolia.n...	queries?x-algolia	c...	json	4,58 KB	35,...
200	POST	bewoyx1cf1-dsn.algolia.n...	queries?x-algolia	c...	json	4,58 KB	35,...
200	POST	bewoyx1cf1-dsn.algolia.n...	queries?x-algolia	c...	json	4,58 KB	35,...

Response Headers:

- Estado: 200 OK
- Versión: HTTP/2
- Transferido: 750 B (tamaño 282 B)
- Política de referencia: strict-origin-when-cross-origin
- Prioridad de la solicitud: Highest

Response Headers (562 B):

- cache-control: no-cache, must-revalidate, no-store
- cf-cache-status: DYNAMIC
- cf-ray: 74b3cb484ad26659-MAD
- content-encoding: br
- content-language: es_ES
- content-type: application/json; charset=utf-8
- date: Thu, 15 Sep 2022 19:33:27 GMT
- server: cloudflare
- strict-transport-security: max-age=31536000; includeSubdomains;
- x-cache-url-solicitada: /soporte/

Inspector de Código de un Navegador Web

Petición POST de un formulario de contacto de una web (Solicitud):

The screenshot shows the Chrome DevTools interface with the 'Red' (Network) tab selected. A tooltip for 'Rendimiento (Shift+F5)' is visible. The 'Solicitud' (Request) tab is active, displaying the details of a POST request to 'www.pccomponentes.com /soporte/'. The request body is a JSON object containing form data. The 'Datos de formulario' (Form data) section shows the following values:

- supportTicket[name]: "Abraham"
- supportTicket[email]: "abraham@gmail.com"
- supportTicket[deparment]: "13"
- supportTicket[order]: "12345678"
- supportTicket[title]: "Probando"
- supportTicket[message]: "Esto+solo+es+una+prueba+para+que+los+alumnos+vean+como+se+refleja+una+petición+positivo+en+el+inspector+de+código.+Disculpen+las+molestias."
- supportTicket[lpd]: "on"
- g-recaptcha-response: "03AllukziC3Tvqhn31AZxgbcdTN1X_0Ldk7jfpMJF9dTrrh12WLtyiVURTQM6zEDNnwoiRfg25C2WRPIMXdp16EOVEndRXjzEhon36Oehi7Mwe4oml27TzzNWZmXL_rZo4ZIOXlywRQOU_hxkwW3X5QjYKO0qqj5Cy9W5laNmaLMJqfykEZF7N4o8bHQQV9-HKlsG-mGxGHrydyDWb2y4wQEQ8nYLzSLOCzhG9UQm3aTuynswmvw-j_Yu1xtm0Zpkp5wMVInVCQHYbl0UVXba_mckvSAel5wwoayWjzzXBLNFDPZpdZbCywifWif5MKb0bUg0B8ZtnblF_vdMmb158bnulex6WfQKksupXxWbCLEhOoKMzBEukUvYJBMM_xs5e5vN3WW0nC6K6ZeGbvUnAM7jKIVVLxIUNAYDolUSqOD6JOAY3IKr53r1ApU8jOwfnSZK0OYsvYqBve9kn-empQU1yMfVN69_5HMuNrsuA6RRjyx1aBq47v-d8tjCASZts_5icw1De1sc4K_WaDOslzv5LAghw"
- supportTicket[topic]: "0"

Est...	Método	Dominio	Archivo	L...	Tipo	Transferido	Tam...
200	POST	www.pccomponentes.com	/soporte/	c...	json	750 B	282...
200	POST	www.facebook.com	/tr/	f...	plain	5,52 KB	0 B
200	GET	www.google.com	anchor?ar=1&k	s...	html	23,85 KB	43,...
200	GET	www.gstatic.com	recaptcha_es.js	s...	js	cacheado	0 B
	GET	www.google.com	webworker.js?hl	s...	js	112 B (rac...	102...
200	GET	www.gstatic.com	recaptcha_es.js	web	js	cacheado	390...
200	GET	www.google.com	bframe?hl=es&	s...	html	2,03 KB	6,7...
200	GET	www.gstatic.com	recaptcha_es.js	s...	js	cacheado	0 B
204	POST	n.clarity.ms	collect	c...	xml	4,82 KB	0 B
204	POST	n.clarity.ms	collect	c...	xml	975 B	0 B
200	POST	bewoyx1cf1-dsn.algolia.n...	queries?x-algolia	c...	json	4,58 KB	35,...
200	POST	bewoyx1cf1-dsn.algolia.n...	queries?x-algolia	c...	json	4,58 KB	35,...
200	POST	bewoyx1cf1-dsn.algolia.n...	queries?x-algolia	c...	json	4,58 KB	35,...
200	POST	bewoyx1cf1-dsn.algolia.n...	queries?x-algolia	c...	json	4,58 KB	35,...
200	POST	bewoyx1cf1-dsn.algolia.n...	queries?x-algolia	c...	json	4,58 KB	35,...

Inspector de Código de un Navegador Web

Petición POST de un formulario de contacto de una web (Respuesta):

The screenshot shows the 'Red' (Network) tab of a web browser's developer tools. The list of requests includes a POST request to `www.pccomponentes.com /soporte/` with a status of 200 and a response type of 'json'. The response details are expanded, showing a JSON object with `type: true` and a `message` indicating that the user's query has been sent successfully and providing a link to the user panel.

Est...	Método	Dominio	Archivo	...	Tipo	Transferido	Tam...
200	POST	www.pccomponentes.com	/soporte/	c...	json	750 B	282...
200	POST	www.facebook.com	/tr/	f...	plain	5,52 KB	0 B
200	GET	www.google.com	anchor?ar=1&k...	s...	html	23,85 KB	43,...
200	GET	www.gstatic.com	recaptcha_es.js	s...	js	cacheado	0 B
	GET	www.google.com	webworker.js?hl=...	s...	js	112 B (rac...	102...
200	GET	www.gstatic.com	recaptcha_es.js	web	js	cacheado	390...
200	GET	www.google.com	bframe?hl=es&t...	s...	html	2,03 KB	6,7...
200	GET	www.gstatic.com	recaptcha_es.js	s...	js	cacheado	0 B
204	POST	n.clarity.ms	collect	c...	xml	4,82 KB	0 B
204	POST	n.clarity.ms	collect	c...	xml	975 B	0 B
200	POST	bewoyx1cf1-dsn.algolia.n...	queries?x-algolia...	c...	json	4,58 KB	35,...
200	POST	bewoyx1cf1-dsn.algolia.n...	queries?x-algolia...	c...	json	4,58 KB	35,...
200	POST	bewoyx1cf1-dsn.algolia.n...	queries?x-algolia...	c...	json	4,58 KB	35,...

Response details for the first request:

```
{
  "type": true,
  "message": "<div class='alert alert-info' role='alert'>\n <strong>¡Gracias!</strong> Tu consulta se ha enviado correctamente. <br /> Puedes hacer el seguimiento en tu <a href='\"/usuarios/panel/bandeja-de-entrada\"'>Panel de usuario</a></div>"
}
```


Postman

Postman es una herramienta dirigida a desarrolladores para ayudar en el desarrollo de aplicaciones del lado servidor, especialmente a las que funcionan como una API.

Con ella se puede testear fácilmente los métodos HTTP que ofrece el servidor Web que se esté desarrollando.

Esta herramienta se puede usar en su versión de escritorio o como extensión para algún navegador como Chrome.

Postman

Petición GET del contenido de una página (Contenido):

The screenshot shows the Postman application interface. The top navigation bar includes 'Home', 'Workspaces', 'Explore', a search bar, and buttons for 'Sign In' and 'Create Account'. The left sidebar contains a 'Scratch Pad' with 'New' and 'Import' buttons, and a list of navigation options: Collections, APIs, Environments, Mock Servers, Monitors, and History. The main workspace displays a GET request to 'https://dog.ceo/dog-api/'. The request details are shown in a table with columns for KEY, VALUE, and DESCRIPTION. The response body is displayed in the 'Body' tab, showing HTML code. The response status is 200 OK, with a response time of 168 ms and a size of 6.99 KB. The response body is rendered in the 'Pretty' tab, showing the HTML structure of the page.

GET https://dog.ceo/dog-api/

Params Auth Headers (6) Body Pre-req. Tests Settings

KEY	VALUE	DESCRIPTION
Key	Value	Description

Body

```
1 <!doctype html>
2 <!--[if lt IE 7]> <html class="no-js lt-ie9 lt-ie8 lt-ie7" lang=""> <![endif-->
3 <!--[if IE 7]> <html class="no-js lt-ie9 lt-ie8" lang=""> <![endif-->
4 <!--[if IE 8]> <html class="no-js lt-ie9" lang=""> <![endif-->
5 <!--[if gt IE 8]><!-->
6 <html class="no-js" lang="">
7 <!--<![endif-->
8
9 <head>
10 <meta charset="utf-8">
11 <meta http-equiv="X-UA-Compatible" content="IE=edge,chrome=1">
12 <title>Dog API</title>
13 <link rel="icon" type="image/png" href="/img/favicon.png" />
```

Postman

Petición GET del contenido de una página (Cabeceras):

The screenshot displays the Postman application interface. The top navigation bar includes 'Home', 'Workspaces', and 'Explore'. The left sidebar shows 'Scratch Pad' with 'New' and 'Import' buttons, and a list of collections. The main workspace shows a GET request to 'https://dog.ceo/dog-api/'. The 'Headers' tab is selected and highlighted with a red box, showing a list of headers. The 'Body' tab is also visible, showing the raw HTML response.

Headers (6)

KEY	VALUE	DESC	...	Bulk Edit	Presets
<input checked="" type="checkbox"/> Postman-Token ①	<calculated when request is sent>				
<input checked="" type="checkbox"/> Host ①	<calculated when request is sent>				
<input checked="" type="checkbox"/> User-Agent ①	PostmanRuntime/7.29.2				
<input checked="" type="checkbox"/> Accept ①	*/*				
<input checked="" type="checkbox"/> Accept-Encoding ①	gzip, deflate, br				
<input checked="" type="checkbox"/> Connection ①	keep-alive				

Body

200 OK 168 ms 6.99 KB Save Response

Pretty Raw Preview Visualize HTML

```
1 <!doctype html>
2 <!--[if lt IE 7]> <html class="no-js lt-ie9 lt-ie8 lt-ie7" lang="" >![endif-->
3 <!--[if IE 7]> <html class="no-js lt-ie9 lt-ie8" lang="" >![endif-->
4 <!--[if IE 8]> <html class="no-js lt-ie9" lang="" >![endif-->
5 <!--[if gt IE 8]><!-->
6 <html class="no-js" lang=""
7 <!--<![endif-->
8
```

Postman

Petición POST de un formulario simple

The screenshot displays the Postman application interface. On the left, the 'Scratch Pad' sidebar shows a message: 'You don't have any collections. Collections let you group related requests, making them easier to access and run. Create Collection'. The main workspace shows a POST request to 'https://www.w3schools.com/jquery/demo_test_post.asp?name=Abraham&city=Toledo'. The 'Query Params' section is active, showing a table with two parameters: 'name' with value 'Abraham' and 'city' with value 'Toledo'. The 'Body' tab is selected, showing a text body: '1 Dear . Hope you live well in .'. The response status is '200 OK' with a time of '761 ms' and a size of '446 B'.

Home Workspaces Explore Search Postman Sign In Create Account

Scratch Pad New Import POST https://www.w3schools.com/jquery/demo_test_post.asp?name=Abraham&city=Toledo No Environment

collections

APIs

Environments

Mock Servers

Monitors

History

You don't have any collections
Collections let you group related requests, making them easier to access and run.
Create Collection

POST https://www.w3schools.com/jquery/demo_test_post.asp?name=Abraham&city=Toledo Save

POST https://www.w3schools.com/jquery/demo_test_post.asp?name=Abraham&city=Toledo Send

Params Auth Headers (8) Body Pre-req. Tests Settings Cookies

Query Params

	KEY	VALUE	DESCRIPTION	...	Bulk Edit
<input checked="" type="checkbox"/>	name	Abraham			
<input checked="" type="checkbox"/>	city	Toledo			
	Key	Value	Description		

Body 200 OK 761 ms 446 B Save Response

Pretty Raw Preview Visualize HTML

```
1 Dear . Hope you live well in .
```

Conclusiones

- Los métodos HTTP permiten a los distintos tipos de dispositivos realizar peticiones a las aplicaciones del lado servidor.
- Estas peticiones pueden servir para solicitar una página, solicitar datos o enviar datos al servidor.
- Las herramientas vistas son utilizadas por los desarrollos para testear los servicios que ofrece una aplicación del lado servidor y verificar su correcto funcionamiento.
- Cada una de ellas se utiliza en un contexto determinado y son los desarrolladores quienes han de seleccionar aquella que más se adapte a sus necesidades en cada momento.
- Ahora es tu turno....¡A practicar lo aprendido!