

“Jquery - Programación”



Rogelio Ferreira Escutia

Instalación

jQuery - Instalación

- Ir a la página y descargar jQuery:



JQuery - Instalación

- **Existen 2 versiones:**
- **Versión mínima (88KB):**
 - **jquery-3.4.1.min.js**
- **Versión completa (280KB):**
 - **jquery-3.4.1.js**
- **Nota:**
 - **Se recomienda la versión mínima, para hacer mas ligeras las páginas.**
 - **La librería jQuery descargada debe estar en el directorio de nuestra página Web para que funcione.**

jQuery – Versión mínima

```
← → ↻ code.jquery.com/jquery-3.4.1.min.js ☆ ≡ 👤 ⋮  
/*! jQuery v3.4.1 | (c) JS Foundation and other contributors | jquery.org/license */  
!function(e,t){"use strict";"object"==typeof module&&"object"==typeof module.exports?  
module.exports=e.document?t(e,!0):function(e){if(!e.document)throw new Error("jQuery requires  
a window with a document");return t(e)}:t(e)}("undefined"!=typeof window?  
window:this,function(C,e){"use strict";var t=  
[],E=C.document,r=Object.getPrototypeOf,s=t.slice,g=t.concat,u=t.push,i=t.indexOf,n=  
{},o=n.toString,v=n.hasOwnProperty,a=v.toString,l=a.call(Object),y={},m=function(e)  
{return"function"==typeof e&&"number"!=typeof e.nodeType},x=function(e){return  
null!=e&&e===e.window},c={type:!0,src:!0,nonce:!0,noModule:!0};function b(e,t,n){var r,i,o=  
(n=n||E).createElement("script");if(o.text=e,t)for(r in c)  
(i=t[r]||t.getAttribute&&t.getAttribute(r))&&o.setAttribute(r,i);n.head.appendChild(o).parentN  
ode.removeChild(o)}function w(e){return null==e?"":"object"==typeof e||"function"==typeof e?  
n[o.call(e)]||"object":typeof e}var f="3.4.1",k=function(e,t){return new  
k.fn.init(e,t)},p=/^\s\uFEFF\xA0+|[\s\uFEFF\xA0]+$/g;function d(e){var t=!e&&"length"i  
n e&&e.length,n=w(e);return!m(e)&&!x(e)&&("array"===n||0===t||"number"==typeof t&&0<t&&t-1 i  
n e)}k.fn=k.prototype={jquery:f,constructor:k,length:0,toArray:function(){return  
s.call(this)},get:function(e){return null==e?s.call(this):e<0?  
this[e+this.length]:this[e]},pushStack:function(e){var t=k.merge(this.constructor(),e);return  
t.prevObject=this,t},each:function(e){return k.each(this,e)},map:function(n){return  
this.pushStack(k.map(this,function(e,t){return n.call(e,t,e)}))},slice:function(){return  
this.pushStack(s.apply(this,arguments))},first:function(){return this.eq(0)},last:function()  
{return this.eq(-1)},eq:function(e){var t=this.length,n=+e+(e<0?t:0);return  
this.pushStack(0<=n&&n<t?[this[n]]:[])},end:function(){return
```

jQuery – Documentación



The screenshot shows the jQuery API documentation website. The browser address bar displays "api.jquery.com". The page features the jQuery logo with the tagline "write less, do more." and a navigation menu with links for "Download", "API Documentation", "Blog", "Plugins", and "Browser Support". A search bar is located in the top right of the navigation area. The main content area is titled "jQuery API" and includes a list of links for "Ajax" (Global Ajax Event Handlers, Helper Functions, Low-Level Interface, Shorthand Methods) and a paragraph describing jQuery as a fast, small, and feature-rich JavaScript library. A yellow button labeled "SUPPORT THE PROJECT" is visible in the top right corner of the page content.

← → ↻ api.jquery.com 🔍 ☆ 🎵 👤 ⋮

Plugins Contribute Events Support JS Foundation

 **jQuery**
write less, do more.

Your donations help fund the continued development and growth of jQuery.

[SUPPORT THE PROJECT](#)

Download **API Documentation** Blog Plugins Browser Support

- Ajax
 - Global Ajax Event Handlers
 - Helper Functions
 - Low-Level Interface
 - Shorthand Methods

jQuery API

jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. If you're new to jQuery, we recommend that you check out the [jQuery Learning Center](#).

If you're updating to a newer version of jQuery, be sure to read the release notes published on [our blog](#). If you're coming from a version prior 1.9, you should check out the [1.9](#)

Hola Mundo

JQuery – Hola Mundo (1)

- Creamos un esqueleto HTML5 básico:

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <meta charset="UTF-8">
5  |   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6  |   <title>Document</title>
7  </head>
8  <body>
9  |
10 |
11 </body>
    </html>
```



JQuery – Hola Mundo (2)

- Hacemos referencia al jQuery:

```
<script type="text/javascript" src="jquery-3.4.1.min.js"></script>
```



jQuery – Hola Mundo (3)

- Creamos un botón que al oprimirlo saldrá un mensaje:

```
<body>  
  <button id="aceptar">Alerta</button>  
</body>
```



jQuery – Hola Mundo (4)

- Llamamos a la función “inicio” hasta que la página esté completamente descargada:

```
$(document).ready(inicio)
```



jQuery – Hola Mundo (5)

- La función llamará a la función “mensaje” cuando hagamos click en el botón “aceptar”:

```
function inicio(){  
    $("#aceptar").on("click",mensaje);  
}
```

jQuery – Hola Mundo (6)

- La función “mensaje” finalmente imprimirá el mensaje en un “alert”:

```
function mensaje(){  
    alert("Hola Crayola!!!");  
}
```



JQuery – Hola Mundo (7)

- Código completo:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Document</title>
7     <script type="text/javascript" src="jquery-3.4.1.min.js"></script>
8     <script type="text/javascript">
9         $(document).ready(inicio)
10        function inicio(){
11            |     $("#aceptar").on("click",mensaje);
12            | }
13        function mensaje(){
14            |     alert("Hola Crayola!!!");
15            | }
16        </script>
17 </head>
18 <body>
19     <button id="aceptar">Alerta</button>
20 </body>
21 </html>
```



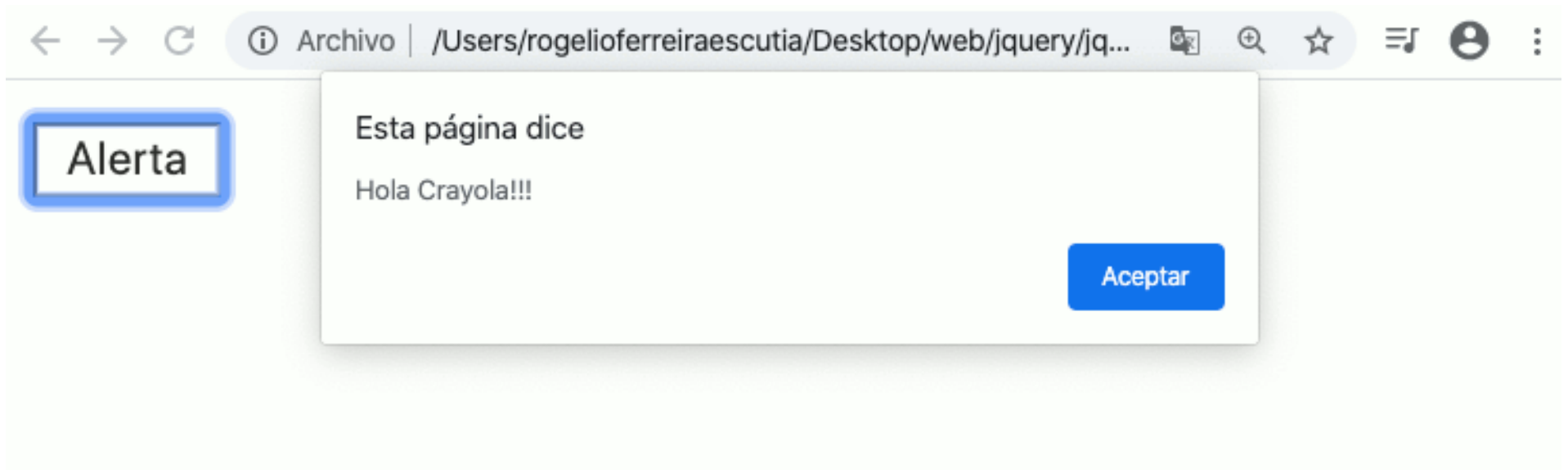
JQuery – Hola Mundo (8)

- **Ejecución en pantalla:**



JQuery – Hola Mundo (9)

- **Ejecución en pantalla (después de hacer click en el botón):**

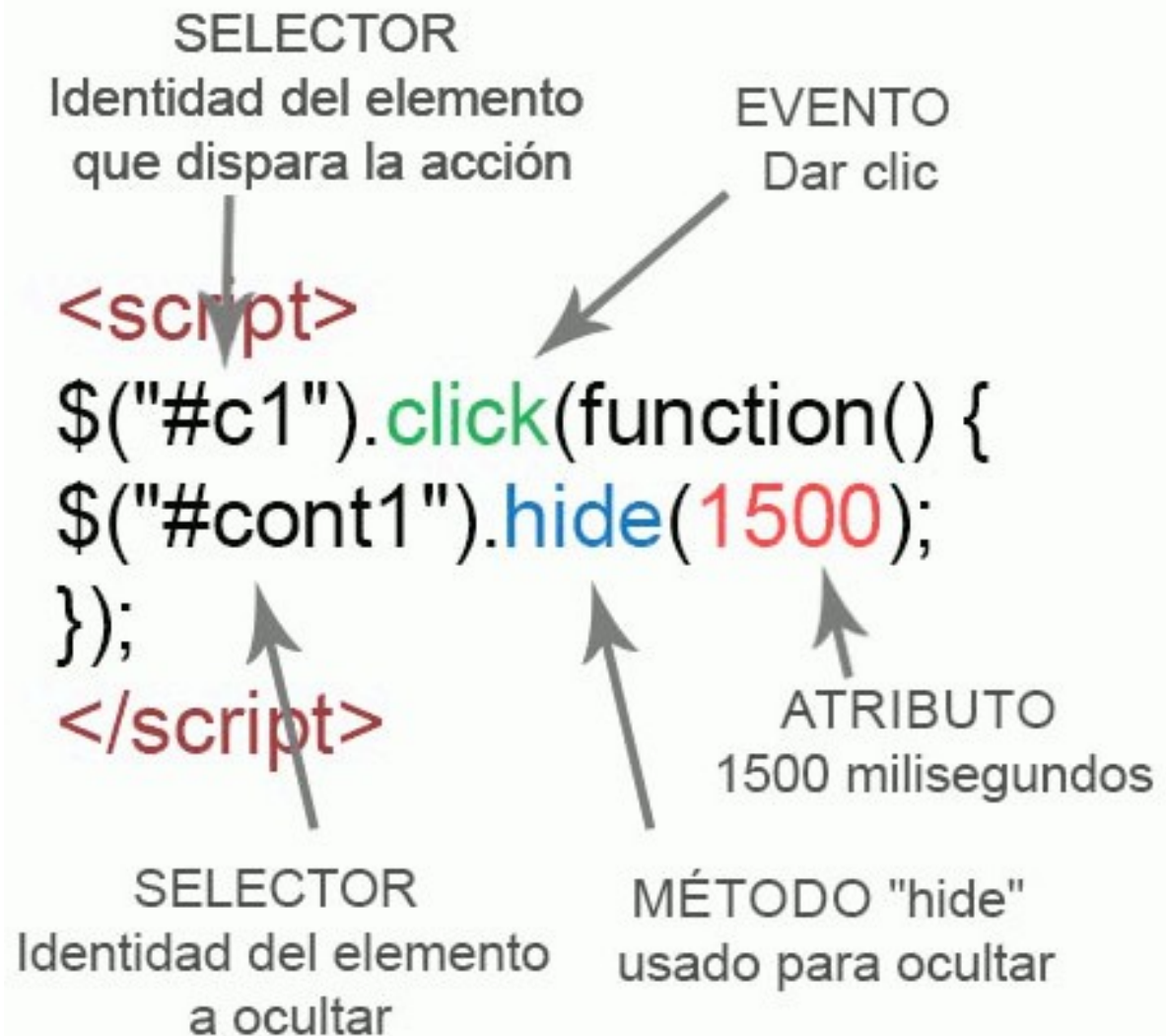


Estructura

JQuery

- Estructura:

Código de ejemplo de JQuery





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