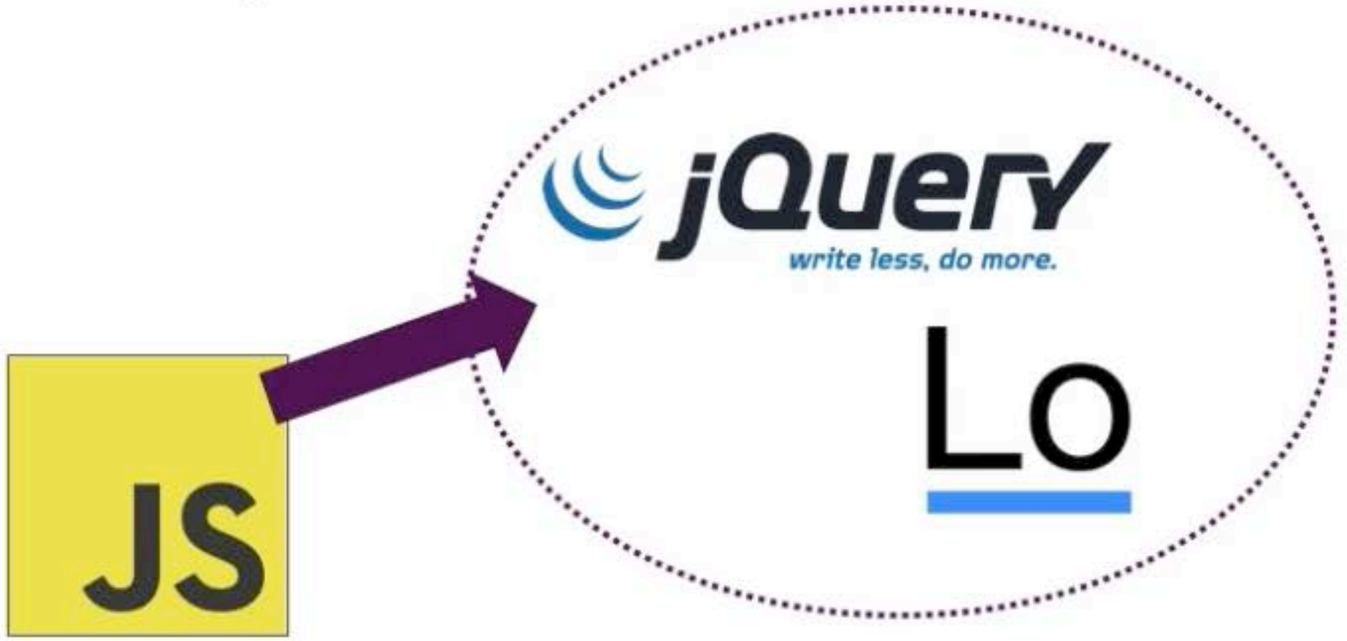
The JavaScript World



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jQuery
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Lightweight Footprint
Only 32kB minified and gzipped. Can also be included as an AMD module

CSS3 Compliant
Supports CSS3 selectors to find elements as well as in style property manipulation

Cross-Browser
Chrome, Edge, Firefox, IE, Safari, Android, iOS, and more

Download jQuery
v3.2.0

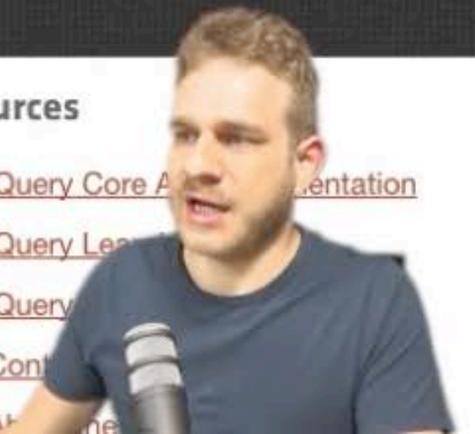
View Source on GitHub →
How jQuery Works →

What is jQuery?

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. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

Resources

- jQuery Core A… …entation
- jQuery Le…
- jQuery…
- Cont…
- A…



jquery.com/download/

Just to clarify this: You can of course also use a CDN if you're working locally.

This will install jQuery to Bower's install directory, the default being `bower_components`. Within `bower_components/jquery/dist/` you will find an uncompressed release, a compressed release, and a map file.

The jQuery Bower package contains additional files besides the default distribution. In most cases you can ignore these files, however if you wish to download the default release on its own you can use Bower to install jQuery from one of the above urls instead of the registered package. For example, if you wish to install just the compressed jQuery file, you can install just that file with the following command:

```
bower install https://code.jquery.com/jquery-3.2.0.min.js
```

jQuery Migrate Plugin

We have created the jQuery Migrate plugin to simplify the transition from older versions of jQuery. The plugin restores deprecated features and behaviors so that older code will still run properly on newer versions of jQuery. Use the *uncompressed development* version to diagnose compatibility issues, it will generate warnings on the console that you can use to identify and fix problems. Use the *compressed production* version to simply fix compatibility issues without generating console warnings.

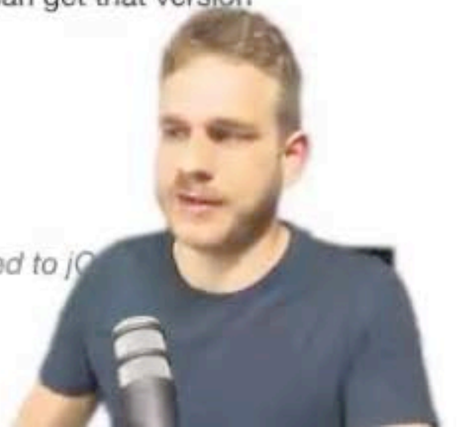
There are two versions of Migrate. The first will help you update your pre-1.9 jQuery code to jQuery 1.9 up to 3.0. You can get that version here:

Download the compressed, production jQuery Migrate 1.4.1

Download the uncompressed, development jQuery Migrate 1.4.1

The second version helps you update code to run on jQuery 3.0 or higher, *once you have used Migrate 1.x and upgraded to jQ higher*:

Download the compressed, production jQuery Migrate 3.0.0



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jQuery
write less, do more.

jQuery Core | jQuery UI | jQuery Mobile | jQuery Color | QUnit | PEP

jQuery CDN – Latest Stable Versions

Powered by StackPath

jQuery Core

Showing the latest stable release in each major branch. See all versions of jQuery Core.

jQuery 3.x

- jQuery Core 3.2.1 - uncompressed, minified, slim, slim minified

jQuery 2.x

- jQuery Core 2.2.4 - uncompressed, minified

jQuery 1.x

- jQuery Core 1.12.4 - uncompressed, minified

jQuery Migrate

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HTML

```
<script src="https://code.jquery.com/jquery-3.2.1.js"></script>
<input type="text">
<button>Add Todo</button>
```

CSS

JAVASCRIPT

```
var inputEl = document.querySelector('input');
var buttonEl = document.querySelector('button');
var ulEl = document.querySelector('ul');

var todos = [];

buttonEl.addEventListener('click', addTodo);

function addTodo() {
  var userInput = inputEl.value;
  if (userInput.trim() == '') {
    return;
  }
  var newTodo = { id: Math.random(), value: userInput };
  todos.push(newTodo);
  var todoLi = document.createElement('LI');
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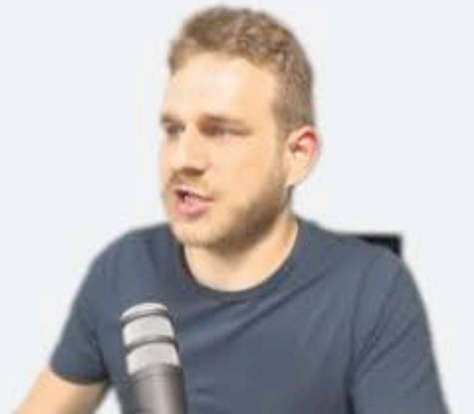
Answer Questions | Add Todo



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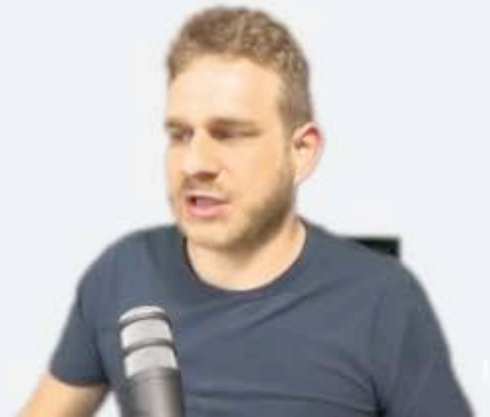

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  - Helper Functions
  - Low-Level Interface
  - Shorthand Methods
- Attributes
- Callbacks Object
- Core
- CSS
- Data
- Deferred Object
- Deprecated

api.jquery.com/category/ajax/

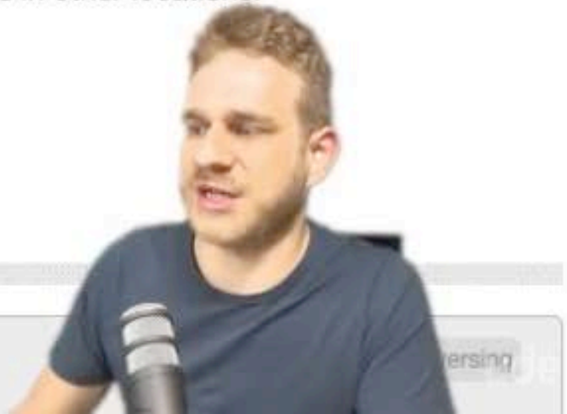
jQuery API

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 Upgrade Guide as well.

Note that this is the API documentation for jQuery core. Other projects have API docs in other locations:

- jQuery UI API docs
- jQuery Mobile API docs
- QUnit API docs



add()

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HTML

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<ul></ul>
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CSS

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var inputEl = $('input');
var buttonEl = $('button');
var ulEl = $('ul');

var todos = [];

buttonEl.click(addTodo);

function addTodo() {
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    return;
  }
  var newTodo = { id: Math.random(), value: userInput
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  todos.push(newTodo);
  var todoLi = document.createElement('LI');
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    return;
  }
  var newTodo = { id: Math.random(), value: userInput
};
  todos.push(newTodo);
  var todoLi = document.createElement('LI');
  todoLi.textContent = userInput;
  todoLi.addEventListener('click', removeTodo);
  todoLi.dataset.id = newTodo.id;
  ulEl.appendChild(todoLi);
  console.log(todos);
}
```

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  $('<li>' + userInput + '</li>')
    .appendTo(ulEl)
    .attr('dataset-id', newTodo.id)
    .click(removeTodo);
  console.log(todos);
}

function removeTodo(event) {
  var clickedLi = event.target;
  var itemId = clickedLi.dataset.id;
  for (var i = 0; i < todos.length; i++) {
    if (todos[i].id == itemId) {
```

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  $('<li>' + userInput +
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    .appendTo(ulEl)
    .attr('dataset-id',
newTodo.id)
    .click(removeTodo);
  console.log(todos);
}

function removeTodo(event) {
```

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- Buy Milk

Elements | Console

top | Preserve log

[Object] VM3872:66

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  console.log(todos);
}

function removeTodo(event) {
```

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Elements | Console

top | Preserve log

```
▶ [Object]                                   VM3872:66
▼ Array[2]                                   VM3872:66
  ▶ 0: Object
  ▶ 1: Object
    length: 2
  ▶ __proto__: Array[0]
▶ [Object, Object]                           VM3872:79
▶ [Object, Object]                           VM3872:79
>
```

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<button>Add Todo</button>

<ul></ul>
```

JAVASCRIPT

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  $('<li>' + userInput + '</li>')
    .appendTo(ulEl)
    .attr('dataset-id', newTodo.id)
    .click(removeTodo);
  console.log(todos);
}

function removeTodo(event) {
  var clickedLi = $(this);
  var itemId = clickedLi.dataset.id;
  for (var i = 0; i < todos.length; i++) {
    if (todos[i].id == itemId) {
      todos.splice(i, 1);
      break;
    }
  }
  clickedLi.parentNode.removeChild(clickedLi);
    console.log(todos);
}
```

CSS

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```

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[Object] (index):66

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```
▶ [Object]                    (index):66
▶ [Object, Object]            (index):66
▼ Array[1]                    (index):79
  ▶ 0: Object
    length: 1
  ▶ __proto__: Array[0]
>
```

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JSFiddle Roadmap
suggest and vote for features

HTML

```
3.2.1.js"></script>
<input type="text">
<button>Add Todo</button>

<ul></ul>
```

JAVASCRIPT

```
  $('<li>' + userInput + '</li>')
    .appendTo(ulEl)
    .attr('dataset-id', newTodo.id)
    .click(removeTodo);
  console.log(todos);
}

function removeTodo(event) {
  var clickedLi = $(this);
  var itemId = clickedLi.attr('dataset-id');
  for (var i = 0; i < todos.length; i++) {
    if (todos[i].id == itemId) {
      todos.splice(i, 1);
      break;
    }
  }
  clickedLi.remove();
  console.log(todos);
}
```

CSS

Answer Questions | Add Todo

udemy