**Category: Traversing**

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Miscellaneous Traversing](https://api.jquery.com/category/traversing/miscellaneous-traversal/)

[**.add()**](https://api.jquery.com/add/)

Create a new jQuery object with elements added to the set of matched elements.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Miscellaneous Traversing](https://api.jquery.com/category/traversing/miscellaneous-traversal/)

[**.addBack()**](https://api.jquery.com/addBack/)

Add the previous set of elements on the stack to the current set, optionally filtered by a selector.

Also in: [Deprecated](https://api.jquery.com/category/deprecated/) > [Deprecated 1.8](https://api.jquery.com/category/deprecated/deprecated-1.8/) | [Traversing](https://api.jquery.com/category/traversing/) > [Miscellaneous Traversing](https://api.jquery.com/category/traversing/miscellaneous-traversal/) | [Removed](https://api.jquery.com/category/removed/)

[**.andSelf()**](https://api.jquery.com/andSelf/)

Add the previous set of elements on the stack to the current set.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Tree Traversal](https://api.jquery.com/category/traversing/tree-traversal/)

[**.children()**](https://api.jquery.com/children/)

Get the children of each element in the set of matched elements, optionally filtered by a selector.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Tree Traversal](https://api.jquery.com/category/traversing/tree-traversal/)

[**.closest()**](https://api.jquery.com/closest/)

For each element in the set, get the first element that matches the selector by testing the element itself and traversing up through its ancestors in the DOM tree.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Miscellaneous Traversing](https://api.jquery.com/category/traversing/miscellaneous-traversal/)

[**.contents()**](https://api.jquery.com/contents/)

Get the children of each element in the set of matched elements, including text and comment nodes.

Also in: [Miscellaneous](https://api.jquery.com/category/miscellaneous/) > [Collection Manipulation](https://api.jquery.com/category/miscellaneous/collection-manipulation/)

[**.each()**](https://api.jquery.com/each/)

Iterate over a jQuery object, executing a function for each matched element.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Miscellaneous Traversing](https://api.jquery.com/category/traversing/miscellaneous-traversal/)

[**.end()**](https://api.jquery.com/end/)

End the most recent filtering operation in the current chain and return the set of matched elements to its previous state.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Filtering](https://api.jquery.com/category/traversing/filtering/)

[**.eq()**](https://api.jquery.com/eq/)

Reduce the set of matched elements to the one at the specified index.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Filtering](https://api.jquery.com/category/traversing/filtering/)

[**.even()**](https://api.jquery.com/even/)

Reduce the set of matched elements to the even ones in the set, numbered from zero.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Filtering](https://api.jquery.com/category/traversing/filtering/)

[**.filter()**](https://api.jquery.com/filter/)

Reduce the set of matched elements to those that match the selector or pass the function’s test.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Tree Traversal](https://api.jquery.com/category/traversing/tree-traversal/)

[**.find()**](https://api.jquery.com/find/)

Get the descendants of each element in the current set of matched elements, filtered by a selector, jQuery object, or element.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Filtering](https://api.jquery.com/category/traversing/filtering/)

[**.first()**](https://api.jquery.com/first/)

Reduce the set of matched elements to the first in the set.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Filtering](https://api.jquery.com/category/traversing/filtering/)

[**.has()**](https://api.jquery.com/has/)

Reduce the set of matched elements to those that have a descendant that matches the selector or DOM element.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Filtering](https://api.jquery.com/category/traversing/filtering/)

[**.is()**](https://api.jquery.com/is/)

Check the current matched set of elements against a selector, element, or jQuery object and return true if at least one of these elements matches the given arguments.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Filtering](https://api.jquery.com/category/traversing/filtering/)

[**.last()**](https://api.jquery.com/last/)

Reduce the set of matched elements to the final one in the set.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Filtering](https://api.jquery.com/category/traversing/filtering/)

[**.map()**](https://api.jquery.com/map/)

Pass each element in the current matched set through a function, producing a new jQuery object containing the return values.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Tree Traversal](https://api.jquery.com/category/traversing/tree-traversal/)

[**.next()**](https://api.jquery.com/next/)

Get the immediately following sibling of each element in the set of matched elements. If a selector is provided, it retrieves the next sibling only if it matches that selector.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Tree Traversal](https://api.jquery.com/category/traversing/tree-traversal/)

[**.nextAll()**](https://api.jquery.com/nextAll/)

Get all following siblings of each element in the set of matched elements, optionally filtered by a selector.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Tree Traversal](https://api.jquery.com/category/traversing/tree-traversal/)

[**.nextUntil()**](https://api.jquery.com/nextUntil/)

Get all following siblings of each element up to but not including the element matched by the selector, DOM node, or jQuery object passed.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Filtering](https://api.jquery.com/category/traversing/filtering/) | [Traversing](https://api.jquery.com/category/traversing/) > [Miscellaneous Traversing](https://api.jquery.com/category/traversing/miscellaneous-traversal/)

[**.not()**](https://api.jquery.com/not/)

Remove elements from the set of matched elements.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Filtering](https://api.jquery.com/category/traversing/filtering/)

[**.odd()**](https://api.jquery.com/odd/)

Reduce the set of matched elements to the odd ones in the set, numbered from zero.

Also in: [Offset](https://api.jquery.com/category/offset/) | [Traversing](https://api.jquery.com/category/traversing/) > [Tree Traversal](https://api.jquery.com/category/traversing/tree-traversal/)

[**.offsetParent()**](https://api.jquery.com/offsetParent/)

Get the closest ancestor element that is positioned.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Tree Traversal](https://api.jquery.com/category/traversing/tree-traversal/)

[**.parent()**](https://api.jquery.com/parent/)

Get the parent of each element in the current set of matched elements, optionally filtered by a selector.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Tree Traversal](https://api.jquery.com/category/traversing/tree-traversal/)

[**.parents()**](https://api.jquery.com/parents/)

Get the ancestors of each element in the current set of matched elements, optionally filtered by a selector.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Tree Traversal](https://api.jquery.com/category/traversing/tree-traversal/)

[**.parentsUntil()**](https://api.jquery.com/parentsUntil/)

Get the ancestors of each element in the current set of matched elements, up to but not including the element matched by the selector, DOM node, or jQuery object.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Tree Traversal](https://api.jquery.com/category/traversing/tree-traversal/)

[**.prev()**](https://api.jquery.com/prev/)

Get the immediately preceding sibling of each element in the set of matched elements. If a selector is provided, it retrieves the previous sibling only if it matches that selector.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Tree Traversal](https://api.jquery.com/category/traversing/tree-traversal/)

[**.prevAll()**](https://api.jquery.com/prevAll/)

Get all preceding siblings of each element in the set of matched elements, optionally filtered by a selector.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Tree Traversal](https://api.jquery.com/category/traversing/tree-traversal/)

[**.prevUntil()**](https://api.jquery.com/prevUntil/)

Get all preceding siblings of each element up to but not including the element matched by the selector, DOM node, or jQuery object.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Tree Traversal](https://api.jquery.com/category/traversing/tree-traversal/)

[**.siblings()**](https://api.jquery.com/siblings/)

Get the siblings of each element in the set of matched elements, optionally filtered by a selector.

Also in: [Traversing](https://api.jquery.com/category/traversing/) > [Filtering](https://api.jquery.com/category/traversing/filtering/)

[**.slice()**](https://api.jquery.com/slice/)

Reduce the set of matched elements to a subset specified by a range of indices.

function doIt() {

const toDos = $('.js-to-dos');

// this will grab the first parent of toDos that has the `.js-parent-demo`

// class

toDos.parent('.js-parent-demo').removeClass('hidden');

// this will look at all children of toDos that have the `.js-complete class`

toDos.find('.js-complete').addClass('complete');

}

doIt();

<!DOCTYPE html>

<html>

<head>

<meta charset="utf-8">

<meta name="viewport" content="width=device-width">

<title>jquery hello world</title>

<link rel="shortcut icon" href="#">

<link href="index.css" rel="stylesheet" type="text/css" />

</head>

<body>

<div class='hidden js-parent-demo'>

<ul class='js-to-dos'>

<li class="js-complete">Buy milk</li>

<li>mail rent check</li>

<li>write great american novel</li>

</ul>

</div>

<script

src="https://code.jquery.com/jquery-3.2.1.min.js"

integrity="sha256-hwg4gsxgFZhOsEEamdOYGBf13FyQuiTwlAQgxVSNgt4="

crossorigin="anonymous"></script>

<script src="index.js"></script>

</body>

</html>

* ~~Buy milk~~
* mail rent check
* write great american novel

$(function() {

/\* when input and submit $ add item () even.preventDefault, submit\*/

$('#js-shopping-list-form').on('submit', function(event){

event.preventDefault();

const userInput = $("#shopping-list-entry").val();

userInput.val("");

});

/\* Added item text.val() is added to the list () .toggleClass, click\*/

$('.shopping-list').append(

`<li>

<span class="shopping-item">${listItem}</span>

<div class="shopping-item-controls">

<button class="shopping-item-toggle">

<span class="button-label">check</span>

</button>

<button class="shopping-item-delete">

<span class="button-label">delete</span>

</button>

</div>

</li>`);

});

/\* deleted and item \*/

$("shopping-item").on('click', '#shopping-item-delete',function(event){

$(this).closest('li').remove();

});

/\* Line cross through the item () .closest \*/

$('.shopping-list').on('click', '.shopping-item-toggle', function(event) {

$(this).closest('li').find('.shopping-item').toggleClass('shopping-item\_\_checked');

});