

# Rendering Lists & Conditional Content

Working With Really Dynamic Content

## Module Content

Outputting Dynamic Lists Of Content

Rendering Content Under Certain Conditions





js array map



Anmelden

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Suchfilter

Ungefähr 292.000.000 Ergebnisse (0,41 Sekunden)

developer.mozilla.org › ... › Globale Objekte › Array

## [Array.prototype.map\(\) - JavaScript | MDN](#)

29.06.2020 — Die `map()` (engl. abbilden) Methode wendet auf jedes Element des **Arrays** die bereitgestellte Funktion an und gibt das Ergebnis in einem ...

[Syntax](#) · [Beschreibung](#) · [Beispiele](#) · [Polyfill](#)

developer.mozilla.org › ... › Globale Objekte

## [Map - JavaScript | MDN](#)

06.02.2020 — Der Parameter `iterable` ist ein **Array** oder anderes iterierbares Objekt, dessen Elemente Schlüssel-Wert Paare (2-Element **Arrays**) sind. Jedes ...

www.w3schools.com › jsref\_map

[Diese Seite übersetzen](#)

## [JavaScript Array map\(\) Method - W3Schools](#)

Definition and Usage. The `map()` method creates a new **array** with the results of calling a function for every **array** element. The `map()` method calls the provided ...

www.digitalocean.com › community › tutorials › 4-use...

## [Verwenden von .map\(\) zur Iteration durch Array-Elemente in ...](#)

22.10.2020 — `map()` in **JavaScript**: Aufrufen einer Funktion von **Array**-Elementen, Konvertieren von Zeichenfolgen in **Arrays**, Rendern von Listen in **JavaScript**- ...



MDN will be in maintenance mode, Monday December 14, from 7:00 AM until no later than 5:00 PM Pacific Time (in UTC, Monday December 14, 3:00 PM until Tuesday December 15, 1:00 AM). We are using this time to move to our new platform (<https://hacks.mozilla.org/2020/10/mdn-web-docs-evolves-lowdown-on-the-upcoming-new-platform/>).



Technologies ▾

References & Guides ▾

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# Array.prototype.map()

Web technology for developers > JavaScript > JavaScript reference > Standard built-in objects > Array > Array.prototype.map()

English ▾

## On this Page

- Syntax
- Description
- Polyfill
- Examples
- Specifications
- Browser compatibility
- See also

## Related Topics

Standard built-in objects

Array

Properties

The `map()` method **creates a new array** populated with the results of calling a provided function on every element in the calling array.



### JavaScript Demo: Array.map()

```
1 const array1 = [1, 4, 9, 16];
2
3 // pass a function to map
4 const map1 = array1.map(x => x * 2);
5
6 console.log(map1);
7 // expected output: Array [2, 8, 18, 32]
8
```

Run >



React App

Array.prototype.map() - Javasc...

localhost:3000

Title

A Book

Amount

29.99

Date

dd.mm.yyyy

December 2020

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10

Today

2020

Add Expense

\$94.12

March 2021

12

New TV

\$799.49

Incognito (2)

Console

1

top

Filter

[HMR] Waiting for update signal from WDS... log.js:24

Warning: Each child in a list should have a unique "key" prop. index.js:1

Check the render method of `Expenses`. See <https://reactjs.org/link/warning-keys> for more information.

at ExpenseItem (<http://localhost:3000/static/js/main.chunk.js:713:19>)

at Expenses (<http://localhost:3000/static/js/main.chunk.js:957:97>)

at div

at App (<http://localhost:3000/static/js/main.chunk.js:231:89>)


>

Odemy



React App Array.prototype.map() - JavaS... localhost:3000

Date

dd.mm.yyyy 

Add Expense

Filter by year		2020
December 2020 11	A Book	\$29.99
August 2020 14	Toilet Paper	\$94.12
March 2021 12	New TV	\$799.49

Incognito (2)

Console 1

top Filter

```
[HMR] Waiting for update signal from WDS... log.js:24
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Warning: Each child in a list should have a unique "key" prop. index.js:1

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- at ExpenseItem (<http://localhost:3000/static/js/main.chunk.js:713:19>)
- at Expenses (<http://localhost:3000/static/js/main.chunk.js:957:97>)
- at div
- at App (<http://localhost:3000/static/js/main.chunk.js:231:89>)

>

Udemy



Title

A Book 2

Amount

39.99

Date

dd.mm.yyyy

December 2020

↑

↓

M	T	W	T	F	S	S
30	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10

Today

Add Expense

11

2020

\$29.99

August 2020

14

Toilet Paper

\$94.12

Incognito (2)

Elements

<body>

<noscript>You need to enable JavaScript to run this app.</noscript>

<div id="root">

<div>

<div class="new-expense">...</div>

<div>

<div class="card expenses">

<div class="expenses-filter">...</div>

<div class="card expense-item">...</div>

<div class="card expense-item">...</div>

<div class="card expense-item">...</div>

<div class="card expense-item">...</div>

<div class="card expense-item">...</div>

</div>

</div>

div div.card.expenses div.card.expense-item

Styles Computed Layout Event Listeners

Filter :hov .cls +

element.style {

}

.expense-item {

display: flex;

justify-content: space-between;

align-items: center;

padding: 0.5rem;

ExpenseItem.css:1


Odeamy



React App Array.prototype.map() - JavaS... localhost:3000

**Title**

**Amount**

**Date**  
 

**Add Expense**

Filter by year			2020
December 2020 12	A Book 2		\$39.99
December 2020 11	A Book		\$29.99

Incognito (2)

Elements

```
<body>  
  <noscript>You need to enable JavaScript to run this app.</noscript>  
  <div id="root">  
    <div>  
      <div class="new-expense">...</div>  
      <div>  
        <div class="card expenses">  
          <div class="expenses-filter">...</div>  
          ...  
          <div class="card expense-item">...</div>  
          <div class="card expense-item">...</div>  
          <div class="card expense-item">...</div>  
          <div class="card expense-item">...</div>  
          <div class="card expense-item">...</div>  
          <div class="card expense-item">...</div>  
        </div>  
      </div>  
    </div>  
  </div>  
</body>
```

... / div div.card.expenses div.card.expense-item ...

Styles Computed Layout Event Listeners

Filter :hov .cls +

```
element.style {  
}  
  
.expense-item {  
  display: flex;  
  justify-content: space-between;  
  align-items: center;  
  padding: 0.5rem;  
}
```

ExpenseItem.css:1

Odemy



Title

A Book 3

Amount

49.99

Date

dd.mm.yyyy

December 2020

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Today

Add Expense

2020

\$39.99

December 2020

11

A Book

\$29.99

Elements

<body>

<noscript>You need to enable JavaScript to run this app.</noscript>

<div id="root">

<div>

<div class="new-expense">...</div>

<div>

<div class="card expenses">

<div class="expenses-filter">...</div>

<div class="card expense-item">

<div class="expense-date">...</div>

<div class="expense-item\_\_description">

<h2>A Book 2</h2>

<div class="expense-item\_\_price">...</div>

div

div.card.expenses

div.card.expense-item

Styles

Computed

Layout

Event Listeners

Filter

:hov .cls +

element.style {

}

.expense-item {

display: flex;

justify-content: space-between;

align-items: center;

padding: 0.5rem;

ExpenseItem.css:1

Udemy



Title

Amount

Date

dd.mm.yyyy

Add Expense

Filter by year

2020

December 2020 12	A Book 3	\$49.99
December 2020 12	A Book 2	\$39.99

Incognito (2)

Elements

<body>

<noscript>You need to enable JavaScript to run this app.</noscript>

<div id="root">

<div>

<div class="new-expense">...</div>

<div>

<div class="card expenses">

<div class="expenses-filter">...</div>

<div class="card expense-item">

<div class="expense-date">...</div>

<div class="expense-item\_\_description">

<div>A Book 3</div>

<div class="expense-item\_\_price">...</div>

div div.card.expenses div.card.expense-item

Styles Computed Layout Event Listeners

Filter :hov .cls +

element.style {

.expense-item {

display: flex;

justify-content: space-between;

align-items: center;

padding: 0.5rem;

ExpenseItem.css:1

Udemy



## ▼ REACT-COMPLETE-GUIDE

✚ ExpenseItem.css

JS ExpenseItem.js

# Expenses.css

JS Expenses.js

# ExpensesFilter.css

JS ExpensesFilter.js

## ▼ NewExpense

# ExpenseForm.css

JS ExpenseForm.js

# NewExpense.css

JS NewExpense.js

## ▼ UI

# Card.css

JS Card.js

JS App.js

# index.css

JS index.js

## &gt; OUTLINE

## &gt; TIMELINE

## &gt; NPM SCRIPTS

src &gt; components &gt; Expenses &gt; JS Expenses.js &gt; [🔗] Expenses &gt; 📦 props.items.map() callback

```
15     return (  
16       <div>  
17         <Card className='expenses'>  
18           <ExpensesFilter  
19             selected={filteredYear}  
20             onChangeFilter={filterChangeHandler}  
21           />  
22           {props.items.map((expense, index) => (  
23             <ExpenseItem  
24               key={expense.id}  
25               title={expense.title}  
26               amount={expense.amount}  
27               date={expense.date}  
28             />  
29           ) )}  
30         </Card>  
31       </div>  
32     );  
33   }  
34 }
```

TERMINAL

PROBLEMS

OUTPUT

...

1: node

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✕

To create a production build, use `npm run build`.



React App Array.prototype.map() - JavaS... localhost:3000

**Title**

A

**Amount**

**Date**

dd.mm.yyyy

**Add Expense**

Filter by year		2020
August 2020 14	Toilet Paper	\$94.12
March 2021 12	New TV	\$799.49
March 2021	Car Insurance	\$294.67

Incognito (2)

Elements Console >> Settings Filter

top

```
[HMR] Waiting for update signal from WDS... log.js:24
```

>

Udemy



React App

Array.prototype.map() - Javali

localhost:3000

Title

A Book

Amount

29.99

Date

dd.mm.yyyy

December 2020

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Today

Add Expense

14

March 2021

12

New TV

\$94.12

March 2021

Car Insurance

\$294.67

Incognito (2)

Elements Console

<div>

<div class="card expenses">

<div class="expenses-filter">...</div>

<div class="card expense-item">

<div class="expense-date">...</div>

<div class="expense-item\_\_descriptio

n">

...<h2>Toilet Paper</h2> == \$0

<div class="expense-item\_\_price">...

</div>

</div>

<div class="card expense-item">...</div>

<div class="card expense-item">...</div>

<div class="card expense-item">...</div>

... expense-item div.expense-item\_\_description h2 ...

Styles Computed Layout Event Listeners

Filter :hov .cls +

element.style {

}

@media (min-width: 580px)

.expense-item\_\_description h2 ExpenseItem.css:46

{

font-size: 1.25rem;

}

Udemy



Title

Amount

Date



Add Expense

Filter by year

2020

December  
2020

11

A Book

\$29.99

August  
2020

14

Toilet Paper

\$94.12

March  
2021

New TV

\$799.49



Elements

Console



<div>

<div class="card expenses">

><div class="expenses-filter">...</div>

><div class="card expense-item">...</div>

><div class="card expense-item">

><div class="expense-date">...</div>

><div class="expense-item\_description">

<h2>Toilet Paper</h2> == \$0

><div class="expense-item\_price">...

</div>

</div>

</div>

><div class="card expense-item">...</div>

><div class="card expense-item">...</div>

... expense-item div.expense-item\_description h2 ...

Styles

Computed

Layout

Event Listeners



Filter

:hov .cls +

element.style {  
}

@media (min-width: 580px)  
.expense-item\_description h2 ExpenseItem.css:46  
{  
font-size: 1.25rem;  
}