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[NodeList](#)

Languages

NodeList.prototype.forEach()

In This Article

The **forEach()** method of the [NodeList](#) interface calls the callback given in parameter once for each value pair in the list, in insertion order.

Syntax

```
nodeList.forEach(callback[, thisArg]);
```

Parameters

callback

Function to execute for each element, eventually taking 3 arguments:

currentValue

The current element being processed in the NodeList.

currentIndex

The index of the current element being processed in the NodeList.

listObj

The NodeList object that `forEach()` is being applied to.

thisArg

Optional

Value to use as **this** when executing `callback`.

Return value

undefined.

Exceptions

None.

Example

```
var node = document.createElement("div");
var kid1 = document.createElement("p");
var kid2 = document.createTextNode("hey");
var kid3 = document.createElement("span");

node.appendChild(kid2);
node.appendChild(kid3);

var list = node.childNodes;

list.forEach(
  function(currentValue, currentIndex, listObj) {
    console.log(currentValue + ', ' + currentIndex + ' ');
  },
  'myThisArg'
);
```

results in:

```
[object HTMLParagraphElement], 0, myThisArg
[object Text], 1, myThisArg
[object HTMLSpanElement], 2, myThisArg
```

Polyfill

This polyfill adds compatibility to all Browsers supporting [ES5](#):

```
if (window.NodeList && !NodeList.prototype.forEach) {
  NodeList.prototype.forEach = function (callback, t
    thisArg = thisArg || window;
    for (var i = 0; i < this.length; i++) {
      callback.call(thisArg, this[i], i, this);
    }
  };
}
```

```
}  
};  
}
```

Specifications

Specification	Status	Comment
DOM The definition of 'NodeList' in that specification.	Living Standard	Defines <code>NodeList</code> as <code>iterable<Node></code>
Web IDL The definition of 'forEach' in that specification.	Candidate Recommendation	Defines <code>forEach</code> on iterable declarations

Browser Compatibility

Desktop		Mobile			
Feature	Chrome	Firefox (Gecko)	Internet Explorer	Opera	Safari (WebKit)
Basic support	51	50 (50)	No support	38	10 (maybe prior)

See also

- Node
- NodeList

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NodeList

Properties

length

Methods

- entries()
- forEach()*
- item()
- keys()
- values()

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