

How do I get an Array of all the Keys in a JavaScript Map?

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I'm working on an Angular application and want to loop over all the keys in a JavaScript map. [A map](#) is a key value pair data type, like an object, but geared for dynamic properties. In the ColdFusion world we called this a structure, and in ActionScript we called it a dictionary, but the concept is the same.

I can create a map and add items to it, like this:

```
let myMap = new Map();
myMap.set('foo', 'bar');
myMap.set('bar', 'Barbar');
myMap.set('foobar', 'BarbarFooFoo');
```

You can look at the map like this:

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Once it has a set of keys, I can get the keys using this:

```
myMap.keys();
```

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This is an object, or more specifically an [iterator](#). But, I want the keys as an array.

One trick is to convert the iterator to an array using `Array.from()`:

```
Array.from( hydratedImageMap.keys() );
```

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A more 'ES6' technique would be to use the spread operator:

```
[ ...hydratedImageMap.keys() ]
```

You'll see similar output:



Not all that hard! [Get the code here](#) or [play with it here](#).