[a better way to convert JS object to array](http://stackoverflow.com/questions/6857468/a-better-way-to-convert-js-object-to-array)

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| up vote139down vote[favorite](http://stackoverflow.com/questions/6857468/a-better-way-to-convert-js-object-to-array)  49 | My application creates a javascript object, like the following:  myObj= {1:[Array-Data], 2:[Array-Data]}  But I need this object as an array.  array[1]:[Array-Data]  array[2]:[Array-Data]  So I tried to convert this object to an array by iterating with $.each through the object and adding the element to an array:  x=[]  $.each(myObj, function(i,n) {  x.push(n);});  Is there an better way to convert an object to an array or maybe an function, I don't know?!?  Thank you.  [javascript](http://stackoverflow.com/questions/tagged/javascript) [jquery](http://stackoverflow.com/questions/tagged/jquery) [arrays](http://stackoverflow.com/questions/tagged/arrays) [object](http://stackoverflow.com/questions/tagged/object)   |  |  |  | | --- | --- | --- | | [share](http://stackoverflow.com/q/6857468)[improve this question](http://stackoverflow.com/posts/6857468/edit) | [edited Sep 2 '14 at 13:11](http://stackoverflow.com/posts/6857468/revisions) | asked Jul 28 '11 at 10:26  [The Bndr](http://stackoverflow.com/users/644817/the-bndr)  **5,069**73464 | |
|  | |  |  |  |  | | --- | --- | --- | --- | | |  |  | | --- | --- | | 1 |  | | Should the array indices be the same as keys in original object? First index in an array is always 0, but your own code and most answers (including the accepted one) seem to ignore it; still, you've reverted my edit to desired example result. – [Imre](http://stackoverflow.com/users/706714/imre" \o "161 reputation) [Sep 12 '14 at 10:45](http://stackoverflow.com/questions/6857468/a-better-way-to-convert-js-object-to-array#comment40366513_6857468) | | |  |  | | --- | --- | | 1 |  | | Yes, you are right: first Array element starts with 0. But I reverted your edit, because it was not consistent in my eyes to keep that example simple as possible, because changing myObj= {1:[Array-Data] tomyObj= {0:[Array-Data] was not part of your edit (as I remember right) – [The Bndr](http://stackoverflow.com/users/644817/the-bndr) [Sep 17 '14 at 12:40](http://stackoverflow.com/questions/6857468/a-better-way-to-convert-js-object-to-array#comment40520236_6857468) | | |  |  | | --- | --- | | 1 |  | | Use the jQuery **$.makeArray(obj)** command for that [api.jquery.com/jQuery.makeArray](http://api.jquery.com/jQuery.makeArray/) – [DevlshOne](http://stackoverflow.com/users/408318/devlshone) [Mar 12 '15 at 16:38](http://stackoverflow.com/questions/6857468/a-better-way-to-convert-js-object-to-array#comment46275512_6857468) |   add a comment |

11 Answers

[active](http://stackoverflow.com/questions/6857468/a-better-way-to-convert-js-object-to-array?answertab=active#tab-top)[oldest](http://stackoverflow.com/questions/6857468/a-better-way-to-convert-js-object-to-array?answertab=oldest#tab-top)[votes](http://stackoverflow.com/questions/6857468/a-better-way-to-convert-js-object-to-array?answertab=votes#tab-top)

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| up vote188down voteaccepted | var myObj = {  1: [1, 2, 3],  2: [4, 5, 6]  };  var array = $.map(myObj, function(value, index) {  return [value];  });  console.log(array);  Output:  [[1, 2, 3], [4, 5, 6]]   |  |  |  | | --- | --- | --- | | [share](http://stackoverflow.com/a/6857636)[improve this answer](http://stackoverflow.com/posts/6857636/edit) | [edited Sep 20 '13 at 18:21](http://stackoverflow.com/posts/6857636/revisions)  [Nathan J. Brauer](http://stackoverflow.com/users/808732/nathan-j-brauer)  **6,343**21532 | answered Jul 28 '11 at 10:40  [Dogbert](http://stackoverflow.com/users/320615/dogbert)  **61.5k**23121152 | |
|  | |  |  |  |  | | --- | --- | --- | --- | | |  |  | | --- | --- | |  |  | | No the array gets flattened as Marko commented on my post – [Nicola Peluchetti](http://stackoverflow.com/users/397861/nicola-peluchetti) [Jul 28 '11 at 10:42](http://stackoverflow.com/questions/6857468/a-better-way-to-convert-js-object-to-array#comment8155371_6857636) | | |  |  | | --- | --- | | 4 |  | | @Dogbert, please could you explain the $.map? Every search I try to do on this just turns up lots of links to jQuery or the map method of arrays. – [crantok](http://stackoverflow.com/users/664322/crantok" \o "468 reputation) [Feb 4 '14 at 15:57](http://stackoverflow.com/questions/6857468/a-better-way-to-convert-js-object-to-array#comment32556857_6857636) | | |  |  | | --- | --- | | 8 |  | | D'oh! Ignore my comment. I hadn't noticed the jQuery tag on this question. – [crantok](http://stackoverflow.com/users/664322/crantok" \o "468 reputation) [Feb 4 '14 at 16:04](http://stackoverflow.com/questions/6857468/a-better-way-to-convert-js-object-to-array#comment32557190_6857636) | | |  |  | | --- | --- | | 2 |  | | is there a way to maintain the keys in the new array? every answer on the www i see lacks the conversion of keys. – [TD\_Nijboer](http://stackoverflow.com/users/1829460/td-nijboer" \o "468 reputation) [Apr 9 '14 at 11:59](http://stackoverflow.com/questions/6857468/a-better-way-to-convert-js-object-to-array#comment35058750_6857636) | | |  |  | | --- | --- | | 10 |  | | You can also do this without jQuery: Object.keys(myObject).map(function(val) { return [val] }); – [Kris Erickson](http://stackoverflow.com/users/3798/kris-erickson) [Sep 30 '14 at 19:04](http://stackoverflow.com/questions/6857468/a-better-way-to-convert-js-object-to-array#comment40951935_6857636) |   [show **10** more comments](http://stackoverflow.com/questions/6857468/a-better-way-to-convert-js-object-to-array) |