Convert yyyy-MM-dd to MM/dd/yyyy in javascript

Asked 6 years, 9 months ago Active 3 months ago Viewed 38k times



This might be a simple solution but I am stuck, basically I need convert an incoming yyyy-MM-dd to MM/dd/yyyy also, if incoming date is nil, then output should also be nil.

6

Incoming date could be of following format



```
2015-01-25 or nil
```

3

(1)

Output date shoud be

```
01/25/2015 or nil
```

I was trying one from the following link <u>Convert Date yyyy/mm/dd to MM dd yyyy</u> but couldn't make it work.

Thanks for any help.

Forgot to mention, the incoming date which comes as nil is of the following format in an xml file

```
<Through_Date__c xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:nil="true"/>
```

So if I get the above format the output should be just be nil

javascript

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function format(inputDate) {

```
edited May 23 '17 at 12:26

Community Bot

1 1
```



7 Answers



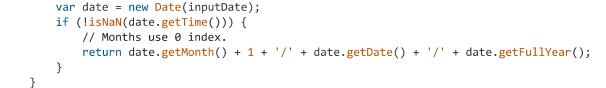


The date tostring function has some support for formatting. See this. And you also want to handle the undefined case which I took from here. So, for your case you can just do this:

14







EDIT: Addressing the comment

If the padding is important you just need to add that in:

```
var d = date.getDate().toString();
(d[1]?d:"0"+d[0])
```

I've made an update to the fiddle

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answered Jan 31 '15 at 0:38 hassassin 4,904 26 37

return date.getMonth() + 1 should be return (date.getMonth() + 1) - user3172663 Jan 20 '17 at 5:46

Actually that is not needed, since it evaluates left to right it will do x.getMonth() + 1 first, then add the + '/' which will stringify. Although, I do agree that would be more readable - hassassin Jan 20 '17 at 18:44



Try using RegEx:

10 Show code snippet



Using String#split and Array#join, push & shift:

Show code snippet

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edited Jun 13 '18 at 14:05

answered Jan 31 '15 at 1:47 user2575725

try nicer variable names. don't use abbreviations like ptrn, just write "pattern". It's soo much easier to read! - Kinesias Jun 13 '18 at 11:42

in the 2nd example, line #2 can be this (without extra escape character): var array = (input || ").toString().split(/-/g); - Darren Gates May 24 at 3:56



if you wanna go ghetto style and use easily understandable code, and you dont care about using a date object, try this!

3



var splitDate = inputDate.split('-'); if(splitDate.count == 0){ return null; } var year = splitDate[0]; var month = splitDate[1]; var day = splitDate[2];

function changeDateFormat(inputDate){ // expects Y-m-d

return month + '\\' + day + '\\' + year;

```
var inputDate = '2015-01-25';
var newDate = changeDateFormat(inputDate);
console.log(newDate); // 01/25/2015
```

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answered Jan 31 '15 at 0:44





If your date has not yet been parsed from a string, you can simply rearrange its components:

```
0
```

```
var s = '2015-01-25';
if (s) {
   s = s.replace(/(d{4})-(d{1,2})-(d{1,2})/, function(match,y,m,d) {
       return m + '/' + d + '/' + y;
   });
}
```

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answered Jan 31 '15 at 0:42





Thanks guys, I was able to do grab some ideas from all your posts and came up with this code which seems to working fine in my case

0



```
if((typeof inStr == 'undefined') || (inStr == null) ||
(inStr.length <= 0)) {
return '';
}
var year = inStr.substring(0, 4);
var month = inStr.substring(5, 7);
var day = inStr.substring(8, 10);
return month + '/' + day + '/' + year;
```

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answered Jan 31 '15 at 18:46 Abhi

173



You can also try the method below using vanilla JS. I have converted the date to a string & parsed it to get the format you're looking for:

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```
function tranformDate(strDate) {
   let result = '';
    if (date) {
      let parts = date.split('-');
      result = `${parts[1]}/${parts[2]}/${parts[0]}`;
   return result;
```

```
let date = new Date().toISOString().split('T')[0];
console.log('raw date: ' + date);
console.log('formatted date: ' + tranformDate(date));

Run code snippet Hide results

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raw date: 2021-11-10

formatted date: 11/10/2021

10:07:53.388
```

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edited Jan 17 '19 at 12:59

answered Jan 17 '19 at 11:25



you can deal your javascript dates in various formats.

O For dd/MM/yyyy you can use

```
var date = new Date().toLocalDateString()
```

or

```
var date = new Date('2021-07-28').toLocalDateString()
output: '28/07/2021'
```

For MM/dd/yyyy

```
var date = new Date().toLocaleDateString("en-US", { year: "numeric", month: "2-digit",
day: "2-digit" })

Or
```

var date = new Date('2021-07-28').toLocaleDateString("en-US", { year: "numeric",

output: '07/28/2021'

month: "2-digit", day: "2-digit" })

Alternatively you can handle custom date formats using following date functions

```
let date = new Date()
let dateString = [
            date.getMonth() + 1,
            date.getDate(),
            date.getFullYear(),
        ].join('/')
    }
```

output: 07/28/2021

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answered Jul 28 at 6:57

