

# What's the difference between datetime in ISO 8601 and UTC formats in javascript?

Asked 5 years, 6 months ago   Active 2 years, 3 months ago   Viewed 29k times



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I pick some date and time in javascript and then want to store it on server (.NET). Dates are supposed to be in future from the current moment (so they won't be before 1970). Having read topics here on SO I learnt it's better to store date as a string and people suggest using `Date.prototype.toISOString()` or `Date.prototype.toUTCString()`. I've read that `toISOString()` is not available in IE 7. And I'd like to know other differences, when I should choose one or another function.

Thank you!

javascript

date

asked Jan 23 '14 at 6:29



myroman

161 1 3 11

## 2 Answers



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Both are different. [ISO](#) is standard format time. [UTC](#) is the primary time standard by which the world regulates clocks and time. ISO also supports `ms` in its format.

So if you want to send data to the server, send the ISO, because ISO is the standard format:

```
var date = new Date();
sendDate(date.toISOString());
```

You can also use `toISOString` in IE7 [polyfill](#).

edited May 9 '17 at 18:23



Cory House

8,302 7 59 77

answered Jan 23 '14 at 6:40



Pinal

9,228 12 41 61

I hope it will helpful to you.

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### Summary About `toISOString()` :-

The `toISOString()` method returns a string in ISO format (ISO 8601 Extended Format), which can be described as follows: `YYYY-MM-DDTHH:mm:ss.sssZ`. The timezone is always UTC as denoted by the suffix "Z".

Refer Below link for more information about `toISOString()`.

[Date.prototype.toISOString\(\)](#)

### Summary About `toUTCString()` :-

The `toUTCString()` method converts a date to a string, using the UTC time zone.

Refer Below link for more information about `toUTCString()`

[Date.prototype.toUTCString\(\)](#)

answered Jan 23 '14 at 6:38



**Govinda Rajbhar**  
2,153 3 27 49

Which provides the exact time, with milli seconds. Since C# and javascript Date time is different so, which is better to use? – [Shanmu\\_92](#) May 6 at 12:25