

- Projects using Date object
- Timer function
- Changing clock showing time



- Count Down clock
- Stopwatch

11-12-2014 10:53 PM

## Changing the display format

To change the display format we need to change the function part only where we can change the display part.

Let us start with using [UTC string](#)

```
function display_ct() {  
  var strcount  
  var x = new Date()  
  var x1=x.toUTCString();// changing the display to UTC string  
  document.getElementById('ct').innerHTML = x1;  
  tt=display_c();  
}
```

The output is here

Thu, 11 Dec 2014 17:23:34 GMT

## Displaying in mm/dd/yy H:m:s format

Here is the code

```
function display_ct() {  
  var strcount  
  var x = new Date()  
  var x1=x.getMonth() + "/" + x.getDate() + "/" + x.getYear();  
  x1 = x1 + " - " + x.getHours() + ":" + x.getMinutes() + ":" + x.getSeconds();  
  document.getElementById('ct').innerHTML = x1;  
  
  tt=display_c();  
}
```

Note that we have only changed the *display\_ct()* function part , other code remains same. Here is the output 11/11/2014 - 22:53:34

## To display clock inside a textbox

Create a textbox and give id to it

```
<input type=text id='t1' size='70'>
```

For displaying add this line inside the function display\_ct()

```
document.getElementById('t1').value = x;
```

Thu Dec 11 2014 22:53:34 GMT+0530 (India Standard Time)

## Changing font size and font color of display

```
document.getElementById('ct3').style.fontSize='30px';  
document.getElementById('ct3').style.color='#0030c0';  
document.getElementById('ct3').innerHTML = x2;
```

11/11/2014 - 22:53:34

### Displaying Server time using Ajax

This script uses JavaScript to read client computer time and display the same. By using PHP or any other server side script we can display server time. But here we can get once the time that is the time of the page rendered from server. To display updated or real time clock showing server time we have to send request to server periodically. To do this we can use Ajax to get current date and time from server and display in one second interval.

[Server side Clock using Ajax and PHP](#)

### Toggling the display of clock by a button ( using JQuery)

Read how we can toggle the display of the clock by controlling from a button.

[Set Alarm Clock using time picker script](#)

[Stopwatch script using setInterval\(\)](#)

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### More on JavaScript Date & Time

**Ken**

**18-02-2013**

Hi! I would like to ask if how can I display the time in textbox?

Thanks.

**Drew**

**27-02-2013**

Hi Sir,

How can i display it in this format

Date is February 27, 2013

Time is 05:36:02 PM

Thanks,

Drew

**smo** **27-02-2013**

The only difficulty is to display the Month part. You can read this [tutorial on displaying full month in JavaScript](#). Rest of the things can be managed. Let us know the result.

**smo** **27-02-2013**

Displaying in a textbox is added

**Jeremie** **12-12-2013**

Great tutorial. Do you know if it would be possible to display the servers time instead of the clients?

**smo** **14-12-2013**

You need to use and server side script like PHP, ASP etc to display server time. Here is an example of [displaying server time using PHP](#).

**Madhu** **07-02-2014**

wow..it is really helpful. But i want same thing in date picker control. Is it possible ?

**ramesh** **14-04-2014**

i want to change the text font size and font name....How?

**smo** **14-04-2014**

By using style property we can manage font size and font color. Demo added.

**nagaraj** **15-05-2014**

it is help full,

**Fahad** **19-05-2014**

How to change time-zone in example UTC string?

**Wilf** **28-05-2014**

Using getFullYear() instead getYear() means 2014 is displayed instead of 114, which works for me. Thank You!

**www.ibrahimaziz.biz** **23-07-2014**

Works like charm !, thank you so much,

greetings from Indonesia :D.

**qwho** **29-08-2014**

wow! my year displaying as 114 instead of 2014 had been bugging me a long time, went looking today and found this page, thank you!

**Neha** **24-09-2014**

Wow great work.. !

Happy to find this blog..

Thanks sir..

**hack****04-10-2014**

Fantastic tutorial.....thank you!!!

**susan****17-10-2014**

I want to start with server time, which works for the rendering time of page. But then stops.  
How to increment?

I used

```
var x = new Date(*1000)
```

Any idea?

**smo****18-10-2014**

To get updated server time , you need to refresh the page at a interval. Another way is to use Ajax which gets the time from the server without refreshing the page.

**susan****18-10-2014**

```
'var x = new Date( < ? p h p e c h o t i m e ( ) ; ? > *1000);'
```

Unfortunately the PHP gets stripped out of my code...

This code initiates 'new Date()' with server date. I expect your code to increment as it does, when 'new Date()' is initiated with local time. Why that does not work?

**kedar****20-10-2014**

i saw your stop watch script how i can run the clock without clicking button, and i want to show the same time even after refresh the page. How i can do.

**smo****20-10-2014**

To get the server time and increment it we have to use Ajax. It connects to server in every one second and gets the data. You can read the [tutorial and download the script](#) here.

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1+2=  This is to prevent automatic submission by spammers. Please enter the result of the sum as asked

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