JavaScript Date Reference

Date Object

The Date object is used to work with dates and times.

Date objects are created with new Date().

There are four ways of instantiating a date:

```
var d = new Date();
var d = new Date(milliseconds);
var d = new Date(dateString);
var d = new Date(year, month, day, hours, minutes, seconds, milliseconds);
```

For a tutorial about date and times, read our JavaScript Date Tutorial (/js/js_dates.asp).

Date Object Properties

Property	Description
constructor (jsref_constructor_date.asp)	Returns the function that created the Date object's prototype
prototype (jsref_prototype_date.asp)	Allows you to add properties and methods to an object

Date Object Methods

Method	Description
getDate() (jsref_getdate.asp)	Returns the day of the month (from 1-31)
getDay() (jsref_getday.asp)	Returns the day of the week (from 0-6)
getFullYear()	Returns the year (four digits)

(jsref_getfullyear.asp)	
getHours() (jsref_gethours.asp)	Returns the hour (from 0-23)
getMilliseconds() (jsref_getmilliseconds.asp)	Returns the milliseconds (from 0-999)
getMinutes() (jsref_getminutes.asp)	Returns the minutes (from 0-59)
getMonth() (jsref_getmonth.asp)	Returns the month (from 0-11)
getSeconds() (jsref_getseconds.asp)	Returns the seconds (from 0-59)
getTime() (jsref_gettime.asp)	Returns the number of milliseconds since midnight Jan 1, 1970
getTimezoneOffset() (jsref_gettimezoneoffset.asp)	Returns the time difference between UTC time and local time, in minutes
getUTCDate() (jsref_getutcdate.asp)	Returns the day of the month, according to universal time (from 1-31)
getUTCDay() (jsref_getutcday.asp)	Returns the day of the week, according to universal time (from 0-6)
getUTCFullYear() (jsref_getutcfullyear.asp)	Returns the year, according to universal time (four digits)
getUTCHours() (jsref_getutchours.asp)	Returns the hour, according to universal time (from 0-23)
getUTCMilliseconds() (jsref_getutcmilliseconds.asp)	Returns the milliseconds, according to universal time (from 0-999)
getUTCMinutes() (jsref_getutcminutes.asp)	Returns the minutes, according to universal time (from 0-59)
getUTCMonth() (jsref_getutcmonth.asp)	Returns the month, according to universal time (from 0-11)
getUTCSeconds()	Returns the seconds, according to universal time (from 0-

(jsref_getutcseconds.asp)	59)
getYear()	Deprecated. Use the getFullYear() (jsref_getfullyear.asp) method instead
parse() (jsref_parse.asp)	Parses a date string and returns the number of milliseconds since January 1, 1970
setDate() (jsref_setdate.asp)	Sets the day of the month of a date object
setFullYear() (jsref_setfullyear.asp)	Sets the year (four digits) of a date object
setHours() (jsref_sethours.asp)	Sets the hour of a date object
setMilliseconds() (jsref_setmilliseconds.asp)	Sets the milliseconds of a date object
setMinutes() (jsref_setminutes.asp)	Set the minutes of a date object
setMonth() (jsref_setmonth.asp)	Sets the month of a date object
setSeconds() (jsref_setseconds.asp)	Sets the seconds of a date object
setTime() (jsref_settime.asp)	Sets a date to a specified number of milliseconds after/before January 1, 1970
setUTCDate() (jsref_setutcdate.asp)	Sets the day of the month of a date object, according to universal time
setUTCFullYear() (jsref_setutcfullyear.asp)	Sets the year of a date object, according to universal time (four digits)
setUTCHours() (jsref_setutchours.asp)	Sets the hour of a date object, according to universal time
setUTCMilliseconds() (jsref_setutcmilliseconds.asp)	Sets the milliseconds of a date object, according to universal time
setUTCMinutes() (jsref_setutcminutes.asp)	Set the minutes of a date object, according to universal time

setUTCMonth() (jsref_setutcmonth.asp)	Sets the month of a date object, according to universal time
setUTCSeconds() (jsref_setutcseconds.asp)	Set the seconds of a date object, according to universal time
setYear()	Deprecated. Use the setFullYear() (jsref_setfullyear.asp) method instead
toDateString() (jsref_todatestring.asp)	Converts the date portion of a Date object into a readable string
toGMTString()	Deprecated. Use the toUTCString() (jsref_toutcstring.asp) method instead
toISOString() (jsref_toisostring.asp)	Returns the date as a string, using the ISO standard
toJSON() (jsref_tojson.asp)	Returns the date as a string, formatted as a JSON date
toLocaleDateString() (jsref_tolocaledatestring.asp)	Returns the date portion of a Date object as a string, using locale conventions
toLocaleTimeString() (jsref_tolocaletimestring.asp)	Returns the time portion of a Date object as a string, using locale conventions
toLocaleString() (jsref_tolocalestring.asp)	Converts a Date object to a string, using locale conventions
toString() (jsref_tostring_date.asp)	Converts a Date object to a string
toTimeString() (jsref_totimestring.asp)	Converts the time portion of a Date object to a string
toUTCString() (jsref_toutcstring.asp)	Converts a Date object to a string, according to universal time
UTC() (jsref_utc.asp)	Returns the number of milliseconds in a date since midnight of January 1, 1970, according to UTC time
valueOf() (jsref_valueof_date.asp)	Returns the primitive value of a Date object