

Date

Method Summary

	UTC (year, month)
Date	Takes comma-delimited date parameters and returns the number of milliseconds between January 1, 1970, 00:00:00, universal time and the specified time.
	UTC (year, month, date)
Date	Takes comma-delimited date parameters and returns the number of milliseconds between January 1, 1970, 00:00:00, universal time and the specified time.
	UTC (year, month, date, hrs)
Date	Takes comma-delimited date parameters and returns the number of milliseconds between January 1, 1970, 00:00:00, universal time and the specified time.
	UTC (year, month, date, hrs, min)
Date	Takes comma-delimited date parameters and returns the number of milliseconds between January 1, 1970, 00:00:00, universal time and the specified time.
	UTC (year, month, date, hrs, min, sec)
Date	Takes comma-delimited date parameters and returns the number of milliseconds between January 1, 1970, 00:00:00, universal time and the specified time.
	UTC (year, month, date, hrs, min, sec, ms)
Date	Takes comma-delimited date parameters and returns the number of milliseconds between January 1, 1970, 00:00:00, universal time and the specified time.
Number	getDate ()
	Gets the day of month.
Number	getDay ()
	Gets the day of the week (sunday = 0).
Number	getFullYear ()
	Gets the full year of the date.
Number	getHours ()
	Gets the hours of the date.
Number	getMilliseconds ()
	Gets the milliseconds of the date.
Number	getMinutes ()
	Gets the minutes of the date.
Number	getMonth ()
	Gets the month of the date.
Number	getSeconds ()
	Gets the seconds of the date.
Number	getTime ()
	The value returned by the getTime method is the number of milliseconds since 1 January 1970 00:00:00.
Number	getTimezoneOffset ()
	Gets the number of minutes between GMT and this date.
Number	getUTCDate ()
	Gets the UTC date.
Number	getUTCDay ()
	Gets the day in UTC time.
Number	getUTCFullYear ()
	Gets the full year in UTC time.
Number	getUTCHours ()
	Gets the hours in UTC time.
Number	getUTCMilliseconds ()
	Gets the milliseconds in UTC time.
Number	getUTCMinutes ()
	Gets the minutes in UTC time.
Number	getUTCMonth ()
	Gets the month in UTC time.
Number	getUTCSeconds ()
	Gets the seconds in UTC time.
	now ()
Date	Returns the milliseconds elapsed since 1 January 1970 00:00:00 UTC up until now.
	parse ()
Date	Takes a date string (such as "Dec 25, 1995") and returns the number of milliseconds since January 1, 1970, 00:00:00 UTC.
void	setDate (dayValue)
	Sets the date.
void	setFullYear (yearValue)
	Sets the full year of the date.
void	setFullYear (yearValue, monthValue)
	Sets the full year of the date.

void	setFullYear (yearValue, monthValue, dayValue) Sets the full year of the date.
void	setHours (hoursValue) Sets the hours of the date.
void	setHours (hoursValue, minutesValue) Sets the hours of the date.
void	setHours (hoursValue, minutesValue, secondsValue) Sets the hours of the date.
void	setHours (hoursValue, minutesValue, secondsValue, msValue) Sets the hours of the date.
void	setMilliseconds (millisecondsValue) Sets the milliseconds of the date.
void	setMinutes (minutesValue) Sets the minutes of the date.
void	setMinutes (minutesValue, secondsValue) Sets the minutes of the date.
void	setMinutes (minutesValue, secondsValue, msValue) Sets the minutes of the date.
void	setMonth (monthValue) Sets the month of the date.
void	setMonth (monthValue, dayValue) Sets the month of the date.
void	setSeconds (secondsValue) Sets the seconds of the date.
void	setSeconds (secondsValue, msValue) Sets the seconds of the date.
void	setTime (timeValue) Sets the milliseconds of the date.
void	setUTCDate (dayValue) Sets the UTC date.
void	setUTCFullYear (yearValue) Sets the year in UTC time.
void	setUTCFullYear (yearValue, monthValue) Sets the year in UTC time.
void	setUTCFullYear (yearValue, monthValue, dayValue) Sets the year in UTC time.
void	setUTCHours (hoursValue) Sets the hours in UTC time.
void	setUTCHours (hoursValue, minutesValue) Sets the hours in UTC time.
void	setUTCHours (hoursValue, minutesValue, secondsValue) Sets the hours in UTC time.
void	setUTCHours (hoursValue, minutesValue, secondsValue, msValue) Sets the hours in UTC time.
void	setUTCMilliseconds (millisecondsValue) Sets the milliseconds in UTC time.
void	setUTCMinutes (minutesValue) Sets the minutes in UTC time.
void	setUTCMinutes (minutesValue, secondsValue) Sets the minutes in UTC time.
void	setUTCMinutes (minutesValue, secondsValue, msValue) Sets the minutes in UTC time.
void	setUTCMonth (monthValue) Sets the month in UTC time.
void	setUTCMonth (monthValue, dayValue) Sets the month in UTC time.
void	setUTCSeconds (secondsValue) Sets the seconds in UTC time.
void	setUTCSeconds (secondsValue, msValue) Sets the seconds in UTC time.
String	toDate String() Returns a string version of the date.
String	toLocaleDate String() Returns a string version of the local time zone of the date.
String	toLocale String() Returns a string version of the local time zone of the date.
String	toLocaleTime String() Returns a string version of the local time zone of the date.
String	toTime String() Returns a string version of the date.
String	toUTC String() Returns a string version of the UTC value of the date.

Number

[valueOf\(\)](#)

Return integer milliseconds count

Method Details

UTC

[Date](#) **UTC** (year, month)

Takes comma-delimited date parameters and returns the number of milliseconds between January 1, 1970, 00:00:00, universal time and the specified time.

Parameters

[{Number}](#) year - A year after 1900.

[{Number}](#) month - A number between 0 and 11.

Returns

[Date](#)

Sample

```
// The number of milliseconds in the first minute after 1970 January 1st.  
application.output(Date.UTC(1970, 00, 01, 00, 01, 00, 00)); // prints: 60000.0
```

UTC

[Date](#) **UTC** (year, month, date)

Takes comma-delimited date parameters and returns the number of milliseconds between January 1, 1970, 00:00:00, universal time and the specified time.

Parameters

[{Number}](#) year - A year after 1900.

[{Number}](#) month - A number between 0 and 11.

[{Number}](#) date - A number between 1 and 31.

Returns

[Date](#)

Sample

```
// The number of milliseconds in the first minute after 1970 January 1st.  
application.output(Date.UTC(1970, 00, 01, 00, 01, 00, 00)); // prints: 60000.0
```

UTC

[Date](#) **UTC** (year, month, date, hrs)

Takes comma-delimited date parameters and returns the number of milliseconds between January 1, 1970, 00:00:00, universal time and the specified time.

Parameters

[{Number}](#) year - A year after 1900.

[{Number}](#) month - A number between 0 and 11.

[{Number}](#) date - A number between 1 and 31.

[{Number}](#) hrs - A number between 0 and 23.

Returns

[Date](#)

Sample

```
// The number of milliseconds in the first minute after 1970 January 1st.  
application.output(Date.UTC(1970, 00, 01, 00, 01, 00, 00)); // prints: 60000.0
```

UTC

[Date](#) **UTC** (year, month, date, hrs, min)

Takes comma-delimited date parameters and returns the number of milliseconds between January 1, 1970, 00:00:00, universal time and the specified time.

Parameters

`{Number}` year - A year after 1900.
`{Number}` month - A number between 0 and 11.
`{Number}` date - A number between 1 and 31.
`{Number}` hrs - A number between 0 and 23.
`{Number}` min - A number between 0 and 59.

Returns

[Date](#)

Sample

```
// The number of milliseconds in the first minute after 1970 January 1st.  
application.output(Date.UTC(1970, 00, 01, 00, 01, 00, 00)); // prints: 60000.0
```

UTC

[Date](#) **UTC** (year, month, date, hrs, min, sec)

Takes comma-delimited date parameters and returns the number of milliseconds between January 1, 1970, 00:00:00, universal time and the specified time.

Parameters

`{Number}` year - A year after 1900.
`{Number}` month - A number between 0 and 11.
`{Number}` date - A number between 1 and 31.
`{Number}` hrs - A number between 0 and 23.
`{Number}` min - A number between 0 and 59.
`{Number}` sec - A number between 0 and 59.

Returns

[Date](#)

Sample

```
// The number of milliseconds in the first minute after 1970 January 1st.  
application.output(Date.UTC(1970, 00, 01, 00, 01, 00, 00)); // prints: 60000.0
```

UTC

[Date](#) **UTC** (year, month, date, hrs, min, sec, ms)

Takes comma-delimited date parameters and returns the number of milliseconds between January 1, 1970, 00:00:00, universal time and the specified time.

Parameters

`{Number}` year - A year after 1900.
`{Number}` month - A number between 0 and 11.
`{Number}` date - A number between 1 and 31.
`{Number}` hrs - A number between 0 and 23.
`{Number}` min - A number between 0 and 59.
`{Number}` sec - A number between 0 and 59.
`{Number}` ms - A number between 0 and 999.

Returns

[Date](#)

Sample

```
// The number of milliseconds in the first minute after 1970 January 1st.  
application.output(Date.UTC(1970, 00, 01, 00, 01, 00, 00)); // prints: 60000.0
```

getDate

[Number](#) **getDate** ()

Gets the day of month.

Returns

[Number](#)

Sample

```
date.getDate();
```

getDay

Number `getDay ()`

Gets the day of the week (sunday = 0).

Returns

Number

Sample

```
date.getDay();
```

getFullYear

Number `getFullYear ()`

Gets the full year of the date.

Returns

Number

Sample

```
date.getFullYear();
```

getHours

Number `getHours ()`

Gets the hours of the date.

Returns

Number

Sample

```
date.getHours();
```

getMilliseconds

Number `getMilliseconds ()`

Gets the milliseconds of the date.

Returns

Number

Sample

```
date.getMilliseconds();
```

getMinutes

Number `getMinutes ()`

Gets the minutes of the date.

Returns

Number

Sample

```
date.getMinutes();
```

getMonth

Number `getMonth ()`

Gets the month of the date.

Returns

Number

Sample

```
date.getMonth();
```

getSeconds

Number `getSeconds ()`

Gets the seconds of the date.

Returns

Number

Sample

```
date.getSeconds();
```

getTime

Number `getTime ()`

The value returned by the `getTime` method is the number of milliseconds since 1 January 1970 00:00:00.

Returns

Number

Sample

```
date.getTime();
```

getTimezoneOffset

Number `getTimezoneOffset ()`

Gets the number of minutes between GMT and this date.

Returns

Number

Sample

```
date.getTimezoneOffset();
```

getUTCDate

Number `getUTCDate ()`

Gets the UTC date.

Returns

Number

Sample

```
date.getUTCDate();
```

getUTCDay

Number `getUTCDay ()`

Gets the day in UTC time.

Returns

Number

Sample

```
date.getUTCDay();
```

getUTCFullYear

Number `getUTCFullYear()`

Gets the full year in UTC time.

Returns

Number

Sample

```
date.getUTCFullYear();
```

getUTCHours

Number `getUTCHours()`

Gets the hours in UTC time.

Returns

Number

Sample

```
date.getUTCHours();
```

getUTCMilliseconds

Number `getUTCMilliseconds()`

Gets the milliseconds in UTC time.

Returns

Number

Sample

```
date.getUTCMilliseconds();
```

getUTCMinutes

Number `getUTCMinutes()`

Gets the minutes in UTC time.

Returns

Number

Sample

```
date.getUTCMinutes();
```

getUTCMonth

Number `getUTCMonth()`

Gets the month in UTC time.

Returns

Number

Sample

```
date.getUTCMonth();
```

getUTCSeconds

Number **getUTCSeconds** ()
Gets the seconds in UTC time.

Returns

Number

Sample

```
date.getUTCSeconds();
```

now

Date **now** ()
Returns the milliseconds elapsed since 1 January 1970 00:00:00 UTC up until now.

Returns

Date

Sample

```
var timestamp = Date.now();
```

parse

Date **parse** ()
Takes a date string (such as "Dec 25, 1995") and returns the number of milliseconds since January 1, 1970, 00:00:00 UTC.

Returns

Date

Sample

```
var str = Date.parse("Wed, 09 Aug 1995 00:00:00 GMT");  
application.output(str);
```

setDate

void **setDate** (dayValue)
Sets the date.

Parameters

{**Number**} dayValue

Returns

void

Sample

```
date.setDate(integer);
```

setFullYear

void **setFullYear** (yearValue)
Sets the full year of the date.

Parameters

{**Number**} yearValue

Returns

void

Sample

```
date.setFullYear(integer);
```

setFullYear

void **setFullYear** (yearValue, monthValue)

Sets the full year of the date.

Parameters

{[Number](#)} yearValue

{[Number](#)} monthValue

Returns

void

Sample

```
date.setFullYear(integer);
```

setFullYear

void **setFullYear** (yearValue, monthValue, dayValue)

Sets the full year of the date.

Parameters

{[Number](#)} yearValue

{[Number](#)} monthValue

{[Number](#)} dayValue

Returns

void

Sample

```
date.setFullYear(integer);
```

setHours

void **setHours** (hoursValue)

Sets the hours of the date.

Parameters

{[Number](#)} hoursValue

Returns

void

Sample

```
date.setHours(integer);
```

setHours

void **setHours** (hoursValue, minutesValue)

Sets the hours of the date.

Parameters

{[Number](#)} hoursValue

{[Number](#)} minutesValue

Returns

void

Sample

```
date.setHours(integer);
```

setHours

void **setHours** (hoursValue, minutesValue, secondsValue)

Sets the hours of the date.

Parameters

{[Number](#)} hoursValue

{[Number](#)} minutesValue

{[Number](#)} secondsValue

Returns

void

Sample

```
date.setHours(integer);
```

setHours

void **setHours** (hoursValue, minutesValue, secondsValue, msValue)

Sets the hours of the date.

Parameters

{[Number](#)} hoursValue

{[Number](#)} minutesValue

{[Number](#)} secondsValue

{[Number](#)} msValue

Returns

void

Sample

```
date.setHours(integer);
```

setMilliseconds

void **setMilliseconds** (millisecondsValue)

Sets the milliseconds of the date.

Parameters

{[Number](#)} millisecondsValue

Returns

void

Sample

```
date.setMilliseconds(integer);
```

setMinutes

void **setMinutes** (minutesValue)

Sets the minutes of the date.

Parameters

{[Number](#)} minutesValue

Returns

void

Sample

```
date.setMinutes(integer);
```

setMinutes

void **setMinutes** (minutesValue, secondsValue)

Sets the minutes of the date.

Parameters

{[Number](#)} minutesValue

{[Number](#)} secondsValue

Returns

void

Sample

```
date.setMinutes(integer);
```

setMinutes

void **setMinutes** (minutesValue, secondsValue, msValue)

Sets the minutes of the date.

Parameters

{[Number](#)} minutesValue

{[Number](#)} secondsValue

{[Number](#)} msValue

Returns

void

Sample

```
date.setMinutes(integer);
```

setMonth

void **setMonth** (monthValue)

Sets the month of the date.

Parameters

{[Number](#)} monthValue

Returns

void

Sample

```
date.setMonth(integer);
```

setMonth

void **setMonth** (monthValue, dayValue)

Sets the month of the date.

Parameters

{[Number](#)} monthValue

{[Number](#)} dayValue

Returns

void

Sample

```
date.setMonth(integer);
```

setSeconds

void **setSeconds** (secondsValue)

Sets the seconds of the date.

Parameters

{[Number](#)} secondsValue

Returns

void

Sample

```
date.setSeconds(integer);
```

setSeconds

void **setSeconds** (secondsValue, msValue)

Sets the seconds of the date.

Parameters

{[Number](#)} secondsValue

{[Number](#)} msValue

Returns

void

Sample

```
date.setSeconds(integer);
```

setTime

void **setTime** (timeValue)

Sets the milliseconds of the date.

Parameters

{[Number](#)} timeValue

Returns

void

Sample

```
date.setTime(integer);
```

setUTCDate

void **setUTCDate** (dayValue)

Sets the UTC date.

Parameters

{[Number](#)} dayValue

Returns

void

Sample

```
date.setUTCDate(integer);
```

setUTCFullYear

void **setUTCFullYear** (yearValue)

Sets the year in UTC time.

Parameters

{[Number](#)} yearValue

Returns

void

Sample

```
date.setUTCFullYear(integer);
```

setUTCFullYear

void **setUTCFullYear** (yearValue, monthValue)

Sets the year in UTC time.

Parameters

{[Number](#)} yearValue

{[Number](#)} monthValue

Returns

void

Sample

```
date.setUTCFullYear(integer);
```

setUTCFullYear

void **setUTCFullYear** (yearValue, monthValue, dayValue)

Sets the year in UTC time.

Parameters

{[Number](#)} yearValue

{[Number](#)} monthValue

{[Number](#)} dayValue

Returns

void

Sample

```
date.setUTCFullYear(integer);
```

setUTCHours

void **setUTCHours** (hoursValue)

Sets the hours in UTC time.

Parameters

{[Number](#)} hoursValue

Returns

void

Sample

```
date.setUTCHours(integer);
```

setUTCHours

void **setUTCHours** (hoursValue, minutesValue)

Sets the hours in UTC time.

Parameters

{[Number](#)} hoursValue

{[Number](#)} minutesValue

Returns

void

Sample

```
date.setUTCHours(integer);
```

setUTCHours

void **setUTCHours** (hoursValue, minutesValue, secondsValue)

Sets the hours in UTC time.

Parameters

{[Number](#)} hoursValue

{[Number](#)} minutesValue

{[Number](#)} secondsValue

Returns

void

Sample

```
date.setUTCHours(integer);
```

setUTCHours

void **setUTCHours** (hoursValue, minutesValue, secondsValue, msValue)

Sets the hours in UTC time.

Parameters

{[Number](#)} hoursValue
{[Number](#)} minutesValue
{[Number](#)} secondsValue
{[Number](#)} msValue

Returns

void

Sample

```
date.setUTCHours(integer);
```

setUTCMilliseconds

void **setUTCMilliseconds** (millisecondsValue)

Sets the milliseconds in UTC time.

Parameters

{[Number](#)} millisecondsValue

Returns

void

Sample

```
date.setUTCMilliseconds(integer);
```

setUTCMinutes

void **setUTCMinutes** (minutesValue)

Sets the minutes in UTC time.

Parameters

{[Number](#)} minutesValue

Returns

void

Sample

```
date.setUTCMinutes(integer);
```

setUTCMinutes

void **setUTCMinutes** (minutesValue, secondsValue)

Sets the minutes in UTC time.

Parameters

{[Number](#)} minutesValue
{[Number](#)} secondsValue

Returns

void

Sample

```
date.setUTCMinutes(integer);
```

setUTCMinutes

void **setUTCMinutes** (minutesValue, secondsValue, msValue)

Sets the minutes in UTC time.

Parameters

{[Number](#)} minutesValue

{[Number](#)} secondsValue

{[Number](#)} msValue

Returns

void

Sample

```
date.setUTCMinutes(integer);
```

setUTCMonth

void **setUTCMonth** (monthValue)

Sets the month in UTC time.

Parameters

{[Number](#)} monthValue

Returns

void

Sample

```
date.setUTCMonth(integer);
```

setUTCMonth

void **setUTCMonth** (monthValue, dayValue)

Sets the month in UTC time.

Parameters

{[Number](#)} monthValue

{[Number](#)} dayValue

Returns

void

Sample

```
date.setUTCMonth(integer);
```

setUTCSeconds

void **setUTCSeconds** (secondsValue)

Sets the seconds in UTC time.

Parameters

{[Number](#)} secondsValue

Returns

void

Sample

```
date.setUTCSeconds(integer);
```

setUTCSeconds

void **setUTCSeconds** (secondsValue, msValue)

Sets the seconds in UTC time.

Parameters

{Number} secondsValue

{Number} msValue

Returns

void

Sample

```
date.setUTCSeconds(integer);
```

toDateString

[String](#) toDateString ()

Returns a string version of the date.

Returns

[String](#)

Sample

```
date.toDateString();
```

toLocaleDateString

[String](#) toLocaleDateString ()

Returns a string version of the local time zone of the date.

Returns

[String](#)

Sample

```
date.toLocaleDateString();
```

toLocaleString

[String](#) toLocaleString ()

Returns a string version of the local time zone of the date.

Returns

[String](#)

Sample

```
date.toLocaleString();
```

toLocaleTimeString

[String](#) toLocaleTimeString ()

Returns a string version of the local time zone of the date.

Returns

[String](#)

Sample

```
date.toLocaleTimeString();
```

toTimeString

[String](#) toTimeString ()

Returns a string version of the date.

Returns

[String](#)

Sample

```
date.toString();
```

toUTCString

[String](#) **toUTCString** ()

Returns a string version of the UTC value of the date.

Returns

[String](#)

Sample

```
date.toUTCString();
```

valueOf

[Number](#) **valueOf** ()

Return integer milliseconds count

Returns

[Number](#)

Sample

```
date.valueOf(integer);
```