Date

Method Summary

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.
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.
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.
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.
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.
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.
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.
Date	now() Returns the milliseconds elapsed since 1 January 1970 00:00:00 UTC up until now.
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.
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	toDateString() Returns a string version of the date.
String	toLocaleDateString() Returns a string version of the local time zone of the date.
String	toLocaleString() Returns a string version of the local time zone of the date.
String	toLocaleTimeString() Returns a string version of the local time zone of the date.
String	toTimeString() Returns a string version of the date.
String	toUTCString() 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(integr);
```

setMonth

void **setMonth** (monthValue, dayValue)
Sets the month of the date.
Parameters

{Number} monthValue
{Number} dayValue
Returns

void
Sample

```
date.setMonth(integr);
```

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.toTimeString();
```

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);
```