Date

Method Summary

	#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);
```