

Date

Method Summary

#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.

#getDate()
Number Gets the day of month.

#getDay()
Number Gets the day of the week (sunday = 0).

#getFullYear()
Number Gets the full year of the date.

#getHours()
Number Gets the hours of the date.

#getMilliseconds()
Number Gets the milliseconds of the date.

#getMinutes()
Number Gets the minutes of the date.

#getMonth()
Number Gets the month of the date.

#getSeconds()
Number Gets the seconds of the date.

#getTime()
Number The value returned by the getTime method is the number of milliseconds since 1 January 1970 00:00:00.

#getTimezoneOffset()
Number Gets the number of minutes between GMT and this date.

#getUTCDate()
Number Gets the UTC date.

#getUTCDay()
Number Gets the day in UTC time.

#getUTCFullYear()
Number Gets the full year in UTC time.

#getUTCHours()
Number Gets the hours in UTC time.

#getUTCMilliseconds()
Number Gets the milliseconds in UTC time.

#getUTCMinutes()
Number Gets the minutes in UTC time.

#getUTCMonth()
Number Gets the month in UTC time.

#getUTCSeconds()
Number 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.

#setDate(dayValue)
void Sets the date.

#setFullYear(yearValue, [monthValue], [dayValue])
void Sets the full year of the date.

#setHours(hoursValue, [minutesValue], [secondsValue], [msValue])
void Sets the hours of the date.

#setMilliseconds(millisecondsValue)
void Sets the milliseconds of the date.

#setMinutes(minutesValue, [secondsValue], [msValue])
void Sets the minutes of the date.

#setMonth(monthValue, [dayValue])
void Sets the month of the date.

#setSeconds(secondsValue, [msValue])
void Sets the seconds of the date.

#setTime(timeValue)
void Sets the milliseconds of the date.

#setUTCDate(dayValue)
void Sets the UTC date.

#setUTCFullYear(yearValue, [monthValue], [dayValue])
void Sets the year in UTC time.

#setUTCHours(hoursValue, [minutesValue], [secondsValue], [msValue])
void Sets the hours in UTC time.

void [#setUTCMilliseconds](#)(millisecondsValue)
Sets the milliseconds in UTC time.

void [#setUTCMinutes](#)(minutesValue, [secondsValue], [msValue])
Sets the minutes in UTC time.

void [#setUTCMonth](#)(monthValue, [dayValue])
Sets the month 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, [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, [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, [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, [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, [dayValue])

Sets the month of the date.

Parameters

{[Number](#)} monthValue

{[Number](#)} [dayValue]

Returns

void

Sample

```
date.setMonth( 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, [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, [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, [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, [dayValue])

Sets the month in UTC time.

Parameters

{[Number](#)} monthValue

{[Number](#)} [dayValue]

Returns

void

Sample

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

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();
```

toString

[String](#) **toString()**

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);
```