Number

Property Summary

Number	MAX_VALUE The largest representable number.
Number	MIN_VALUE The smallest representable number.
Number	NEGATIVE_INFINITY Special value representing negative infinity; returned on overflow.
Object	NaN Special "not a number" value.
Number	POSITIVE_INFINITY Special value representing infinity; returned on overflow.

Method Summary

String	toExponential() Returns a string representing the number in exponential notation.
String	toExponential(fractionDigits) Returns a string representing the number in exponential notation.
String	toFixed() Returns a string representing the number in fixed-point notation.
String	toFixed(digits) Returns a string representing the number in fixed-point notation.
String	toLocaleString() Converts the number into a string which is suitable for presentation in the given locale.
String	toPrecision() Returns a string representing the number to a specified precision in fixed-point or exponential notation.
String	toPrecision(precision) Returns a string representing the number to a specified precision in fixed-point or exponential notation.
String	toString() Returns a string representing the specified Number object.
String	toString(radix) Returns a string representing the specified Number object.

Property Details

MAX_VALUE

The largest representable number.

Returns

Number

Sample

```
application.output("Largest number: " + Number.MAX_VALUE);
```

MIN_VALUE

The smallest representable number.

Returns

Number

Sample

```
application.output("Smallest number: " + Number.MIN_VALUE);
```

NEGATIVE_INFINITY

Special value representing negative infinity; returned on overflow.

Returns

Number

Sample

```
application.output("Negative infinity: " + Number.NEGATIVE_INFINITY);
```

NaN

Special "not a number" value.

Returns

Object

Sample

```
application.output("NaN: " + Number.NaN);
```

POSITIVE_INFINITY

Special value representing infinity; returned on overflow.

Returns

Number

Sample

```
application.output("Positive infinity: " + Number.POSITIVE_INFINITY);
```

Method Details

toExponential

String **toExponential** ()

Returns a string representing the number in exponential notation.

Returns

String - A string representing the number in exponential notation.

Sample

```
var n = 123.45678;
application.output(n.toExponential(3));
```

toExponential

String **toExponential** (fractionDigits)

Returns a string representing the number in exponential notation.

Parameters

{Number} fractionDigits - An integer specifying the number of digits after the decimal point. Defaults to as many digits as necessary to specify the number.

Returns

String - A string representing the number in exponential notation.

Sample

```
var n = 123.45678;
application.output(n.toExponential(3));
```

toFixed

String **toFixed** ()

Returns a string representing the number in fixed-point notation.

Returns

String - A string representing the number in fixed-point notation.

Sample

```
var n = 123.45678;
application.output(n.toFixed(3));
```

toFixed

String **toFixed** (digits)

Returns a string representing the number in fixed-point notation.

Parameters

{Number} digits - The number of digits to appear after the decimal point. Defaults to 0.

Returns

String - A string representing the number in fixed-point notation.

Sample

```
var n = 123.45678;
application.output(n.toFixed(3));
```

toLocaleString

String **toLocaleString** ()

Converts the number into a string which is suitable for presentation in the given locale.

Returns

String - A string representing the number in the current locale.

Sample

```
var n = 1000000;
application.output(n.toLocaleString());
```

toPrecision

String **toPrecision** ()

Returns a string representing the number to a specified precision in fixed-point or exponential notation.

Returns

String - A string representing the number to a specified precision in fixed-point or exponential notation.

Sample

```
var n = 123.45678;
application.output(n.toPrecision(5));
```

toPrecision

String **toPrecision** (precision)

Returns a string representing the number to a specified precision in fixed-point or exponential notation.

Parameters

{Number} precision - An integer specifying the number of significant digits.

Returns

String - A string representing the number to a specified precision in fixed-point or exponential notation.

Sample

```
var n = 123.45678;
application.output(n.toPrecision(5));
```

toString

String **toString** ()

Returns a string representing the specified Number object.

Returns

String - A string representing the specified Number object.

Sample

```
var n = 7;
application.output(n.toString()); //displays "7"
application.output(n.toString(2)); //displays "111"
```

toString

String **toString** (radix)

Returns a string representing the specified Number object.

Parameters

{Number} radix - An integer between 2 and 36 specifying the base to use for representing numeric values

Returns

String - A string representing the specified Number object.

Sample

```
var n = 7;
application.output(n.toString()); //displays "7"
application.output(n.toString(2)); //displays "111"
```