Number

Property Summery

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 Summery

String #toExponential([fractionDigits])
Returns a string representing the number in exponential 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([precision])
Returns a string representing the number to a specified precision in fixed-point or exponential notation.

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**([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**([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**([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));
```