

# Javascript API Reference

You can easily use standard Javascript utilities including Formatting and Date functions.

## Date

### function offsetYears(origDate, numYears)

Code Snippet

```
offsetYears(new java.util.Date(), 4)
```

The above example returns system date (4 years ahead).

Download the DateFunctions [sample here](#).

## Number

### String formatNumber(Number n, int decimalPlaces)

Code Snippet

```
Format.formatNumber(345886,5)
```

The above example returns 345,886.00000

### String formatNumber(Number n, String pattern)

Code Snippet

```
Format.formatNumber(450000,"#0,K")
```

The above example returns 450K

\*Note that pattern only allows '#,K' or '#0,K'%

## Currency

### String formatCurrency(Number n, String locale)

## Code Snippet

```
Format.formatCurrency(12364,java.util.Locale("de","DE"))
```

The above example returns 12.364,00€

More information on the JavaScript API is available at

<http://docs.elixirtech.com/Ambience/4.0.0/Repertoire/html-multi/ch05.html>