Microsoft AJAX Library: String Type Extensions

String. endsWith (suffix)

Determines whether the end of a `String` object matches a specified string. The function is case sensitive.

```
var isTxt = myString.endsWith ("some_file.txt", ".txt");
// isTxt = true
```

String.format (format, args) Ⓢ

Replaces each format item in a `String` object with the text equivalent of a corresponding object's value.

Remarks

`args` can contain a single object or an array of objects. `format` contains zero or more runs of fixed text intermixed with one or more format items. At run time, each format item is replaced by the string representation of the corresponding object in the list.

```
var user = {
    FirstName: 'John',
    LastName : 'Doe',
    DOB: new Date (1975, 1, 17) };

var label = String.format ("User name: {0} {1}, born {2:d}",
                           user.FirstName, user.LastName, user.DOB));

// label = "User name: John Doe, born 02/17/1975"
```

String.localeFormat (format, args) Ⓢ

Replaces the format items in a `String` object with the text equivalent of a corresponding object's value. The current culture is used to format dates and numbers. See also `String.format ()`.

String.startsWith (prefix)

Determines whether the start of a `String` object matches a specified string. The function is case sensitive. See also `String.endsWith ()`.

String.trim ()

Returns a copy of the string with all white-space characters removed from the start and end of the string. Examples of white space characters are spaces and tabs.

```
var myString = "  A string  ";
myString  =  myString.trim();
// myString = "A string"
```

String.trimEnd ()

Returns a copy of the string with all white-space characters removed from the end of the string. Examples of white space characters are spaces and tabs.

```
var myString = "A string  ";
myString  =  myString.trim();
// myString = "A string"
```

String.trimStart ()

Returns a copy of the string with all white-space characters removed from the startof the string. Examples of white space characters are spaces and tabs.

```
var myString = "   A string";
myString  =  myString.trim();
// myString = "A string"
```

Microsoft AJAX Library: Object Type Extensions

Object.getType (instance) Ⓢ

Returns the type of a specified object instance. See also `Object.getTypeName ()`.

Object.getTypeName (instance) Ⓢ

Returns a string that identifies the run-time type name of an object. The type name is returned as a string representing the fully qualified type name.

```
Type.registerNamespace("Samples");

// Define and register a Samples.Rectangle class.
Samples.Rectangle = function(width, height)  {
    this._width = width;
    this._height = height;
}

Samples.Rectangle.registerClass("Samples.Rectangle");

var a = new Samples.Rectangle(200, 100);
var name = Object.getTypeName(a);
var type = Object.getType (a);

Sys.Debug.trace ("The type name of object \"a\" is: " + name);
Sys.Debug.traceDump (type);

/* The result is:
  The type name of object "a" is: Samples.Rectangle

  traceDump {Function}
  prototype {Samples.Rectangle}
     __typeName: Samples.Rectangle
     __class: true
*/
```