### **Properties of the Object constructor**

Object.length Has a value of 1.

Object.prototype Allows the addition of properties to all objects of

type Object.

## **Methods of the Object constructor**

Object.assign() Copies the values of all enumerable own properties

from one or more source objects to a target object.

Object.create() Creates a new object with the specified prototype

object and properties.

Object.defineProperty() Adds the named property described by a given

descriptor to an object.

Object.defineProperties() Adds the named properties described by the given

descriptors to an object.

Object.entries() Returns an array containing all of the [key, value]

pairs of a given object's own enumerable string

properties.

Object.freeze() Freezes an object: other code can't delete or

change any properties.

Object.fromEntries() Returns a new object from an iterable of key-value

pairs (reverses Object.entries).

Object.getOwnPropertyDescriptor() Returns a property descriptor for a named property

on an object.

Object.getOwnPropertyDescriptors() Returns an object containing all own property

descriptors for an object.

Object.getOwnPropertyNames() Returns an array containing the names of all of the

given object's own enumerable and non-

enumerable properties.

Object.getOwnPropertySymbols() Returns an array of all symbol properties found

directly upon a given object.

Object.getPrototypeOf() Returns the prototype of the specified object.

Object.is() Compares if two values are the same value.

Equates all NaN values (which differs from both Abstract Equality Comparison and Strict Equality

Comparison).

Object.isExtensible() Determines if extending of an object is allowed.

Object.isFrozen() Determines if an object was frozen.

Object.isSealed() Determines if an object is sealed.

Object.keys() Returns an array containing the names of all of the

given object's own enumerable string properties.

Object.preventExtensions() Prevents any extensions of an object.

Object.seal() Prevents other code from deleting properties of an

object.

Object.setPrototypeOf() Sets the prototype (i.e., the internal [[Prototype]]

property).

Object.values() Returns an array containing the values that

correspond to all of a given object's own

enumerable string properties.

# **Object instances and Object prototype object**

### **Properties**

Object.prototype.constructor Specifies the function that creates an object's

prototype.

#### Methods

Object.prototype.hasOwnProperty() Returns a boolean indicating whether an object

contains the specified property as a direct property

of that object and not inherited through the

prototype chain.

Object.prototype.isPrototypeOf() Returns a boolean indicating whether the object

this method is called upon is in the prototype chain

of the specified object.

Object.prototype.propertylsEnumerable()

Returns a boolean indicating if the internal

ECMAScript [[Enumerable]] attribute is set.

Object.prototype.toLocaleString() Calls toString().

Object.prototype.toString() Returns a string representation of the object.

Object.prototype.valueOf() Returns the primitive value of the specified object.