


# Object

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## Supported Clients

SmartClient WebClient NGClient MobileClient

## Methods Summary

Boolean	<a href="#">hasOwnProperty(prop)</a>	Determine whether the object has the specified property as its own property (as opposed to inheriting it).
Boolean	<a href="#">isPrototypeOf(object)</a>	Checks if an object exists in another object's prototype chain.
Boolean	<a href="#">propertyIsEnumerable(prop)</a>	Indicates whether the specified property is enumerable.
String	<a href="#">toLocaleString()</a>	Returns a string representing the object.
String	<a href="#">toString()</a>	Returns a string representing the specified object.
Object	<a href="#">valueOf()</a>	Returns the primitive value of the specified object.

## Methods Details

### hasOwnProperty(prop)

Determine whether the object has the specified property as its own property (as opposed to inheriting it).

#### Parameters

[String](#) prop The name of the property to test.

#### Returns

[Boolean](#)

#### Supported Clients

SmartClient,WebClient,NGClient,MobileClient

#### Sample

```
const object1 = new Object();
object1.property1 = 42;
application.output(object1.hasOwnProperty('property1')); // expected output: true
application.output(object1.hasOwnProperty('toString')); // expected output: false
application.output(object1.hasOwnProperty('hasOwnProperty')); // expected output: false
```

### isPrototypeOf(object)

Checks if an object exists in another object's prototype chain.

#### Parameters

[Object](#) object The object whose prototype chain will be searched.

#### Returns

[Boolean](#)

#### Supported Clients

SmartClient,WebClient,NGClient,MobileClient

#### Sample

```
function object1() {}
function object2() {}
object1.prototype = Object.create(object2.prototype);
const object3 = new object1();
application.output(object1.prototype.isPrototypeOf(object3)); // expected output: true
application.output(object2.prototype.isPrototypeOf(object3)); // expected output: true
```

### propertyIsEnumerable(prop)

Indicates whether the specified property is enumerable.

#### Parameters

[Object](#) prop The name or symbol of the property to test.

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**Returns**[Boolean](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

**Sample**

```
const array1 = [];  
object1.property1 = 42;  
array1[0] = 42;  
application.output(object1.propertyIsEnumerable('property1')); // expected output: true  
application.output(array1.propertyIsEnumerable(0)); // expected output: true  
application.output(array1.propertyIsEnumerable('length')); // expected output: false
```

**toLocaleString()**

Returns a string representing the object. This method is meant to be overridden by derived objects for locale-specific purposes.

**Returns**[String](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

**Sample**

```
const number1 = 123456.789;  
application.output(number1.toLocaleString()); // expected output: "123.456,789"
```

**toString()**

Returns a string representing the specified object.

**Returns**[String](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

**Sample**

```
function Dog(name) {  
  this.name = name;  
}  
var dog1 = new Dog('Spike');  
Dog.prototype.toString = function dogToString() { return this.name; }  
  
application.output(dog1.toString());
```

**valueOf()**

Returns the primitive value of the specified object. By default, the valueOf method is inherited by every object descended from Object.

Every built-in core object overrides this method to return an appropriate value.

If an object has no primitive value, valueOf returns the object itself.

**Returns**[Object](#)**Supported Clients**

SmartClient,WebClient,NGClient,MobileClient

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**Sample**

```
function MyNumberType(n) {
  this.number = n;
}
MyNumberType.prototype.valueOf = function() { return this.number; };

const object1 = new MyNumberType(4);
application.output(object1 + 3); // expected output: 7
```