2025/10/31 06:56 1/5 Javascript Objects

# **Javascript Objects**

```
• description : Javascript Object Definitions
```

• author :

email : shlim@repia.comlastupdate : 2021-04-29

### The source of this article

```
Javascript Object Definitions
JavaScript
                        (objects,
                                           King
                                                                             , JavaScript
JavaScript

    Booleans

                           가
                                              (new
                           가

    Numbers

                                              (new
                         가

    Strings

                                            (new

    Dates

    Maths
    • Regular Expressions(
    Arrays

    Functions

       (primitive values,
                                                     JavaScript
```

### **JavaScript Primitives**

```
(primitive value) 가

(primitive data type)

JavaScript 5 가

• string
• number
• boolean
• null
• undefined

( )
```

```
x = 3.14
                                             3.14
```

value	Туре	Comment
"Hello"	string	"Hello" is always "Hello"
3.14	number	3.14 is always 3.14
true	boolean	true is always true
false	boolean	false is always false
null	null (object)	null is always null
undefined	undefined	undefined is always undefined

### **Objects are Variables**

JavaScript

```
// Create and display a variable:
let person = "John Doe";
document.getElementById("demo").innerHTML = person;
```

```
name : value
                                        )
```

```
let person = {
  firstName: "John",
 lastName: "Doe",
 age: 50,
 eyeColor: "blue"
};
document.getElementById("demo").innerHTML = person.firstName + " " +
person.lastName; // John Doe
```

JavaScript

### **Object Properties**

JavaScript (properties)

Property	Value
firstName	John
lastName	Doe
age	50
eyeColor	blue

(name value pairs)

• PHP (Associative arrays)

Python (Dictionaries)
 C (Hash tables)
 Java (Hash maps)
 Ruby Perl (Hashes)

## **Object Methods**

(actions)

#### (function definition)

Property	Value
firstName	John
lastName	Doe
age	50
eyeColor	blue
fullName	<pre>function() {return this.firstName + " " + thisllastName;}</pre>

JavaScript (properties) (methods) (named values)

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### **Creating a JavaScript Object**

JavaScript

가

- •
- new

ECMAScript 5 ''Object.create()''

### **Using an Object Literal**

```
(spaces) (line breaks) .
```

### Using the JavaScript Keyword new

4 (properties) 가 JavaScript .

```
. ''new Object()'' 가 .
(simplicity), 가 (readability) (execution speed) ,
( ) .
```

### **JavaScript Objects are Mutable**

: (value) (reference)

person , person .

var x = person; // This will not create a copy of person.

person . person person Χ . X

person person Χ . X

, Javascript, Objects, Definitions

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