

# Javascript Objects

- description : Javascript Object Definitions
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## The source of this article

### Javascript Object Definitions

JavaScript (objects, ) King . , JavaScript

JavaScript “ ” .

- Booleans 가 (new )
- Numbers 가 (new )
- Strings 가 (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

( )



| 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  | function() {return this.firstName + " " + this.lastName;} |

JavaScript (properties) (methods) (named values)

## Creating a JavaScript Object

JavaScript

가

- 
- new
- 

```
ECMAScript 5 'Object.create()'
```

## Using an Object Literal

JavaScript

가

```
{} : ( , age:50)
```

가

가

JavaScript

```
let person = { firstName: "John", lastName: "Doe", age: 50, eyeColor: "blue"
};

document.getElementById("demo").innerHTML = person.firstName + " is " +
person.age + " years old.";
```

(spaces)

(line breaks)

```
let person = {
  firstName: "John",
  lastName: "Doe",
  age: 50,
  eyeColor: "blue"
};

document.getElementById("demo").innerHTML = person.firstName + " is " +
person.age + " years old."; // John is 50 years old.
```

## Using the JavaScript Keyword new

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(properties) 가

JavaScript

```
let person = new Object();
person.firstName = "John";
person.lastName = "Doe";
person.age = 50;
person.eyeColor = "blue";

document.getElementById("demo").innerHTML = person.firstName + " is " +
person.age + " years old."; // John is 50 years old.
```

```

    . '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.
  
```

```

    x person . person . x person
    x person . x person
  
```

[, Javascript, Objects, Definitions](#)

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