

Javascript Objects

- description : Javascript Object Constructors
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The source of this article

Javascript Object Constructors

```
// Constructor function for Person Objects
function Person(first, last, age, eye) {
  this.firstName = first;
  this.lastName = last;
  this.age = age;
  this.eyeColor = eye;
}

// Create a Person object
let myFather = new Person("Anthony", "Young", 50, "green");

// Display age
document.getElementById("demo").innerHTML =
  "My father is " + myFather.age + ".";      // My father is 50.
```

(constructor function)

Object Types (Blueprints) (Classes)

(JS Object Constructors)

"type"

" "

" "

(object constructor function)

function Person()

new

```
// Constructor function for Person objects
function Person(first, last, age, eye) {
  this.firstName = first;
  this.lastName = last;
  this.age = age;
  this.eyeColor = eye;
}

// Create two person objects
let myFather = new Person("John", "Doe", 50, "blue");
let myMother = new Person("Sally", "Rally", 48, "green");

// Display age
document.getElementById("demo").innerHTML =
  "My father is " + myFather.age + ". My mother is " + myMother.age + ".";
// My father is 50. My mother is 48.
```

The this Keyword

JavaScript this

this

, this

this

가

가

'this'

가

'this'

Adding a Property to an Object

가

Example

```
// Constructor function for Person objects
function Person(first, last, age, eye) {
  this.firstName = first;
```

```

    this.lastName = last;
    this.age = age;
    this.eyeColor = eye;
}

// Create 2 Person objects
let myFather = new Person("John", "Doe", 50, "blue");
let myMother = new Person("Sally", "Rally", 48, "green");

// Add nationality to first object
myFather.nationality = "English";

// Display nationality
document.getElementById("demo").innerHTML =
    "My father is " + myFather.nationality;    // My father is English

```

myMother가 (person 가) myFather 가 .

Adding a Method to an Object

가 :

Example

```

// Constructor function for Person Objects
function Person(first, last, age, eye) {
    this.firstName = first;
    this.lastName = last;
    this.age = age;
    this.eyeColor = eye;
}

// Create 2 Person objects
let myFather = new Person("John", "Doe", 50, "blue");
let myMother = new Person("Sally", "Field", 48, "green");

// Add a name method to first object
myFather.name = function () {
    return this.firstName + " " + this.lastName;
};

// Display full Name
document.getElementById("demo").innerHTML =
    "My father is " + myFather.name();    // My father is John Doe

```

Adding a Property to a Constructor

가

가

Example

```
// Constructor function for Person objects
function Person(first, last, age, eye) {
  this.firstName = first;
  this.lastName = last;
  this.age = age;
  this.eyeColor = eye;
}

// You can NOT add a new property to a constructor function
Person.nationality = "English";

// Create 2 Person objects
let myFather = new Person("John", "Doe", 50, "blue");
let myMother = new Person("Sally", "Rally", 48, "green");

// Display nationality
document.getElementById("demo").innerHTML =
  "The nationality of my Father is " + myFather.nationality;
  // The nationality of my Father is undefined
```

가

,

가

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Example

(default values) 가

.

Adding a Method to a Constructor

Example

```

// Example code for the first example

```

```

    .
    가
    가
    .

```

Example

```

// Example code for the second example

```

```

changeName()    person    lastName    .

```

Now You Can Try:

```

// Code for the 'Now You Can Try' section

```

```

JavaScript    this    myMother    “    ”    person    .

```

Built-in JavaScript Constructors

```

JavaScript    (built-in constructor)가    .

```

Example

```

// Example code for the Built-in JavaScript Constructors section

```

Did You Know?

```

String, Number    , JavaScript    (primitive data types)
Boolean    .
    가    (primitive values)    .

```

:

```
new Object()           {}           .
new String()           " "           .
new Number()           12345         .
new Boolean()           true / false .
new Array()            []            .
new RegExp()           /(())/       .
new Function()         () {}         .
```

Example

, [Javascript](#), [Objects](#), [Constructors](#)

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