Javascript Objects

- description : Javascript Object Properties
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[Javascript Object Properties](#)
(properties)   JavaScript   .

JavaScript Properties

(properties)   JavaScript   .

JavaScript   .

,   ,   .

Accessing JavaScript Properties

:

```
objectName.property      // person.age
```

```
objectName["property"]   // person["age"]
```

```
obejctName[expression]   // x = "age"; person[x]
```

```
    (expression)                                    .
```

Example 1

```
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.
```

Example 2

```
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.
```

JavaScript for...in Loop

JavaScript for...in   .

Syntax

```
for (variable in object) {
  // code to be executed
}
```

for...in   .

Example

```
let txt = "";
```

```
let person = { fname: "John", lname: "Doe", age: 25 };
let x;
for (x in person) {
  txt += person[x] + " ";
}
document.getElementById("demo").innerHTML = txt;  // John Doe 25
```

Adding New Properties

person   .   .

Example

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

person.nationality = "English";
document.getElementById("demo").innerHTML =
person.firstName + " is " + person.nationality + ".";

console.log(person);
// {firstName: "John", lastName: "Doe", age: 50, eyecolor: "Blue",
nationality: "English"}
```

Deleting Properties

delete   .

Example

```
let person = {
  firstName: "John",
  lastName: "Doe",
  age: 50,
  eyecolor: "blue"
```

```
};

delete person.age // or delete person["age"]
document.getElementById("demo").innerHTML =
  person.firstName + " is " + person.age + " years old.";
  // John is undefined years old.
console.log(person);  // {firstName: "John", lastName: "Doe", eyecolor:
"blue"}
```

delete   .

            ,   .

delete   .
       .

delete   JavaScript   .
               .

Property Attribute

                                        .   (value)   .

                                (The value is one of the property's attributes)

              (attributes)   (enumerable),   (condfigurable)   (writable)   .

                  (attributes)   (property)   (?,
              ?)

JavaScript   (attributes)   , value   (attribute)
((property)   ).

(ECMAScript 5   )

Prototype Properties

JavaScript   (properties)   .

delete   ,   ,
                            .

        , Javascript, Objects, Properties