

The JavaScript this Keyword

- description : The JavaScript this Keyword
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Ref

The JavaScript this Keyword

```
<!DOCTYPE html>
<html>
<body>
  <h2>The JavaScript this Keyword</h2>
  <p>In this example, this represents the person object.</p>
  <p>Because the person object "owns" the fullName method.</p>
  <p id="demo"></p>
  <script>
    // Create an object:
    var person = {
      firstName: "John",
      lastName: "Doe",
      id: 5566,
      fullName: function () {
        return this.firstName + " " + this.lastName;
      }
    };
    // Display data from the object:
    document.getElementById("demo").innerHTML = person.fullName();
  </script>
</body>
</html>
```

, this " " .

, this person _____ .


```

<body>
  <h2>The JavaScript this Keyword</h2>
  <p>In this example, this refers to the window Object:</p>
  <p id="demo"></p>
  <script>
    "use strict";
    var x = this;
    document.getElementById("demo").innerHTML = x;
  </script>
</body>
</html>

```

this in a Function (Default)

JavaScript `this` .
 , this [object Window] .

```

<!DOCTYPE html>
<html>
<body>
  <h2>JavaScript this Keyword</h2>
  <p>In this example, this represents the object that "owns"
myFunction:</p>
  <p id="demo"></p>
  <script>
    document.getElementById("demo").innerHTML = myFunction();
    function myFunction() {
      return this;
    }
  </script>
</body>
</html>

```

this in a Function (Strict)

JavaScript **(strict mode)** .
 , this undefined .

```

<!DOCTYPE html>

```

```
<html>
<body>
  <h2>The JavaScript this Keyword</h2>
  <p>In a function, by default, this refers to the Global object.</p>
  <p>In strict mode, this is undefined, because strict mode does not allow default binding:</p>
  <p id="demo"></p>
  <script>
    "use strict";
    document.getElementById("demo").innerHTML = myFunction();
    function myFunction() {
      return this;
    }
  </script>
</body>
</html>
```

this in Event Handlers

HTML , this HTML .

```
<!DOCTYPE html>
<html>
<body>
  <h2>The JavaScript this Keyword</h2>
  <button onclick="this.style.display='none'">Click to Remove Me!</button>
</body>
</html>
```

Object Method Binding

, this **person** .(person .)

```
<!DOCTYPE html>
<html>
<body>
  <h2>The JavaScript this Keyword</h2>
  <p>In this example, this represents the person object that owns
```

```

myFunction method.</p>
<p id="demo"></p>
<script>
  //Create an object:
  var person = {
    firstName: "John",
    lastName: "Doe",
    id: 5566,
    myFunction: function () {
      return this;
    }
  };
  // Display data from the object:
  document.getElementById("demo").innerHTML = person.myFunction();
</script>
</body>
</html>

```

```

<!DOCTYPE html>
<html>
<body>
  <h2>The JavaScript this Keyword</h2>
  <p>In this example, this represents the person object</p>
  <p>Because the person object "owns" the fullname method.</p>
  <p id="demo"></p>
  <script>
    //Create an object:
    var person = {
      firstName: "John",
      lastName: "Doe",
      id: 5566,
      fullName: function () {
        return this.firstName + " " + this.lastName;
      }
    };
    // Display data from the object:
    document.getElementById("demo").innerHTML = person.fullName();
  </script>
</body>
</html>

```

, **this.firstName** **this**(person) **firstName** .

Explicit function Binding

call() apply() JavaScript .

(argument)

person2 person1.fullName , this person1
person2 .

```
<!DOCTYPE html>
<html>
<body>
  <h2>The JavaScript this Keyword</h2>
  <p>In this example, this refers to person2, even if it is a
method of person1:</p>
  <p id="demo"></p>
  <script>
    var person1 = {
      fullName: function () {
        return this.firstName + " " + this.lastName;
      }
    }
    var person2 = {
      firstName: "John",
      lastName: "Doe",
    }
    var x = person1.fullName.call(person2);
    document.getElementById("demo").innerHTML = x;
  </script>
</body>
</html>
```

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