What is ‘this’ in JavaScript?

[Anil Singh](https://www.blogger.com/profile/09359926778482233933)  [9:09 PM](http://www.code-sample.com/2015/06/what-is-this-in-javascript.html)

Hello everyone, today's I am going to share a basic and very confusing concepts that is called 'this' keyword :)

The 'this' keyword behaves a little differently in JavaScript compared to other languages.

In most of the other languages, '[this](http://www.code-sample.com/2015/06/what-is-this-in-javascript.html)' keyword is a reference to the current object instantiated by the classes and methods.

In the JavaScript [languages](http://www.code-sample.com/2015/06/what-is-this-in-javascript.html), 'this' keyword refers to the object which 'owns' the method, but it depends on how a function is called.

The examples in details as given below.

*//Global Scope in JavaScript*

*//In the below example, ‘this’ keyword refers to the global object.*

**window**.sms = "Hi, I am window object";

console**.log**(**window**.sms);

console**.log**(this.sms); *// Hi, I am window object.*

console**.log**(**window** === this); *// Its return true.*

*//Calling a Function in JavaScript*

*//In the below example, ‘this’ keyword remains the global object if we are calling a function.*

**window**.sms = "Hi, I am window object";

*// Creating a function*

**function** thisMethod() {

console**.log**(this.sms); *// Hi, I am window object.*

console**.log**(**window** === this); *//Its return true.*

}

*// Calling a function*

thisMethod();

*//Calling Object Methods in JavaScript*

*//In the below example, when we calling an object constructor or any of its methods,*

*//‘this’ keyword refers to the instance of the object.*

**window**.sms = "Hi, I am window object";

**function** objectTestMethod() {

this.sms = "Hi, I am a test object.";

**this**.method1 = **function** () {

console**.log**(this.sms); *// Hi, I am a test object.*

};

}

objectTestMethod.prototype. method2 = **function** () {

console**.log**(this.sms); *// Hi, I am a test object.*

};

*// Creating object and calling methods*

**var** v = new objectTestMethod();

v. method1();

v. method2();