

JavaScript

"this" Keyword

In Detail

The JavaScript logo, consisting of the letters "JS" in a bold, black, sans-serif font, centered within a bright yellow square.

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JS "this" Keyword

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The "this" keyword in JavaScript is used to **refer the object it belongs to**. Refers to different objects depending on how/where it is used or called.

Hi, my name
is "this"



My work is to refer diff
data for diffrent clients

My clients are methods,
events & functions etc...

JS **"this"** Keyword

- in **method**, "this" refers to **owner object**.
- **Alone**, & in **function** "this" refers to the **global object**
- in function, in **strict mode**, "this" is **undefined**
- In an **event**, "this" refers to the **element** that recieved the event



JS "this" In Method

- in **method**, "this" refers to **owner object**.



```
const person = {  
  name: "CodeBustler",  
  year: 2023,  
  greet: function() {  
    console.log(`Hello, ${this.name}`);  
  }  
};  
  
person.greet();  
  
// 'Hello CodeBustler'
```



JS "this" In Function

- **Alone & in function** "this" refers to the **global object**

 object window



```
function sayHello() {  
  console.log(`Hello, ${this}!`);  
}
```

```
sayHello();
```

```
// Output: Hello, [object Window]!
```

- The global object is typically referred to as **window**

In Function "use strict"

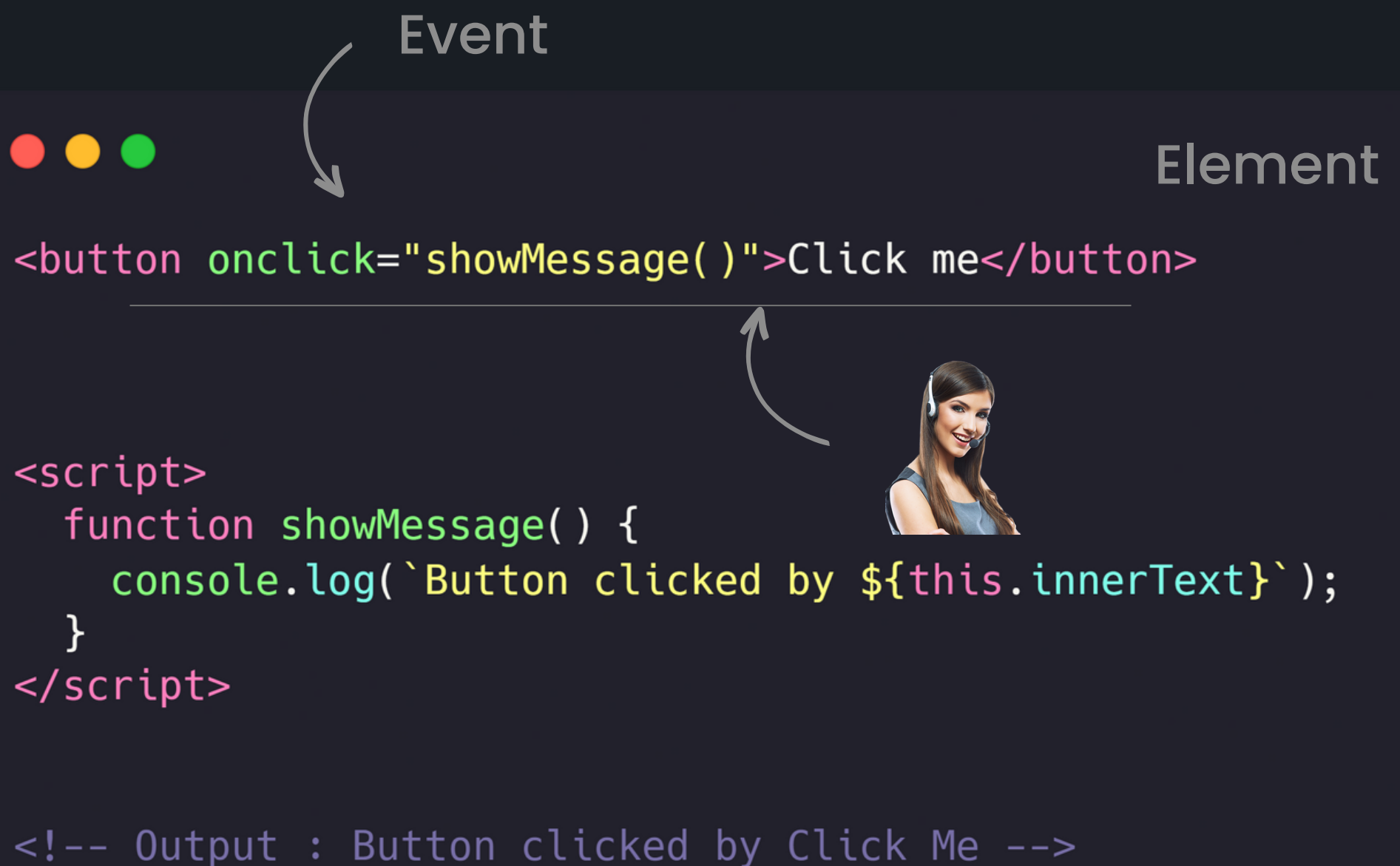
- in function, in **strict mode**, "this" is **undefined**

```
if("use strict")  
  
'use strict';  
  
function sayHello() {  
    console.log(`Hello, ${this}!`);  
}  
  
sayHello();  
  
// Output: undefined
```

 = undefined

JS "this" In an Event

- In an **event**, "this" refers to the **element** that recieved the event



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