

Swipe →

JS NUGGETS

Type Coercion

Type Coercion:

It is the process of converting value from one type to another (number to string, object to boolean, etc).

EXAMPLES! 😊

Number => String

```
var number = 123;  
console.log(typeof number); // number  
var numberToString = String(number);  
console.log(typeof numberToString); // string
```

Object => Boolean

```
var object = {};  
console.log(Boolean(object)); // true  
var anotherObject = {name: 'I2i'};  
console.log(Boolean(anotherObject)); // true
```

Types of Coercion:

- Explicit Coercion
- Implicit Coercion

Explicit Coercion (Type Casting):

When developer intentionally converts the type using code, it is known as **Explicit Coercion (Type Casting)**.

```
Number('123') // 123
```

Implicit Coercion:

Since Js is 'weakly-typed language', values can also be converted between different types automatically. It is known as **Implicit Coercion**.

```
123 + '' // "123"
```

In this case when a number is concatenated with string, it is automatically converted to string.