Clase Javascript

# Tecnologías y Aplicaciones Web

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Herramientas a utilizar

## Brendan Eich

El "papá" de Javascript

Source: SitePoint

JavaScript is born
as LiveScript

1997

ES3 comes out and
IE5 is all the rage

2000

ES5 comes out and
standard JSON

2015

ES7/ECMAScript2016
comes out

2017

1995  ECMAScript standard
is established

1999

XMLHttpRequest,
a.k.a. AJAX,
gains popularity

2009  ES6/ECMAScript2015
comes out

2016

ES.Next

Source: Adrian Mejia

¿En qué está el TC39?

**Pontificia Universidad Católica de Chile**
**Escuela de Ingeniería**
**Departamento de Ciencia de la Computación**

¿Y nuestros navegadores?

# Hello World!

```
console.log('Hello World!');
```

*JavaScript is a **dynamically** typed language*

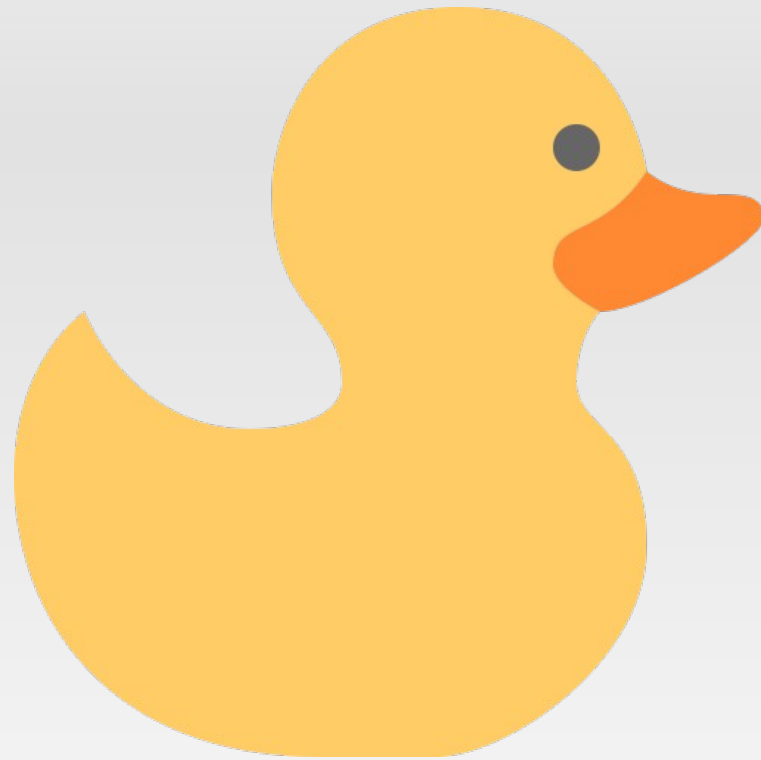*JavaScript is a **weakly** typed language*

`let` **and** `const`

# *JavaScript is a **multi-paradigm** language*

*JavaScript supports event-driven, functional, and imperative*
*(including object-oriented and prototype-based) programming styles*

*JavaScript is an **Object Oriented** language*

*… without classes*

*"When I see a bird that walks like a duck and swims like a duck and quacks like a duck, I call that bird a duck."*

James Whitcomb Riley

```javascript
const duck = {
    appearance: 'feathers',
    quack: function duckQuack(what) {
        console.log(`${what} quack-quack!`);
    },
    color: 'black',
};

const someAnimal = {
    appearance: 'feathers',
    quack: function animalQuack(what) {
        console.log(`${what} whoof-whoof!`);
    },
    eyes: 'yellow',
};

function check(who) {
    if ((who.appearance === 'feathers') && (typeof who.quack === 'function')) {
        who.quack('I look like a duck!');
        return true;
    }
    return false;
}

check(duck);  // true
check(someAnimal);  // true
```

Source: StackOverflow

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