

# Hablemos de

The word "REASON" is displayed in a bold, sans-serif font. The letters "RE" are white and are contained within a solid red square. The letters "ASON" are dark gray and are positioned to the right of the red square, creating a visual separation between the two parts of the word.

**REASON**

# About me

- \* Co-organizo React Medellín y ReactConf Colombia 2020.
- \* Frontend @Zapier
- \* Open source
- \* Elixir / ReasonML
- \* @alejandronanez



# ATENCIÓN

# ¿Qué es?



**¿Es un nuevo  
lenguaje?**

**¿~~Es un nuevo~~  
~~lenguaje?~~**

**Es una nueva sintaxis  
para OCaml**

Es una **nueva sintaxis**  
para **OCaml**

**¡Muy parecida a**  
**Javascript!**





**let** edad = 32;

```
let getName = () => "React MDE";
```

```
let name = "React " ++ "MDE";
```

# ¿Cómo lo hace?





# BuckleScript

// Reason

let six = 3 + 3;



// Reason

let six = 3 + 3;

// Javascript

var six = 6;

```
// Reason
[@react.component]
let make = (~description) => {
  <div>{React.string(description)}</div>;
};
```

```
function Forecast(Props) {  
  var description = Props.description;  
  
  return React.createElement(  
    "div", undefined, description  
  );  
}
```

# ¿Por qué?



# Tipado

# Compilador

```
type opciones =  
  | Dia  
  | Noche;  
  
let tiempo = Dia;  
  
let result =  
  switch (tiempo) {  
  | Dia => "es de día"  
  };
```

```
11 | let result =  
12 | switch (tiempo) {
```

! index.re 1 of 1 problem

Warning 8: this pattern-matching is not exhaustive.  
Here is an example of a value that is not matched:  
Noche

```
13 | | Dia => "uno"  
14 | };
```



```
type opciones =  
  | Día  
  | Noche;
```

```
let tiempo = Día;
```

```
let result =  
  switch (tiempo) {  
    | Día => "es de día"  
    | Noche => "es de noche"  
  };
```

# Interoperabilidad con JS

```
[%bs.raw { | console.log('JS') | }];
```

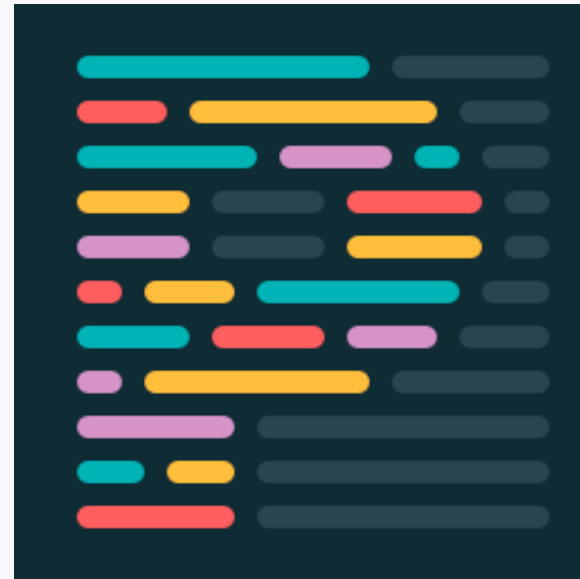
```
Js.log("...Logging...");
```

# Tooling



```
<script src="path/to/jquery.js">
```









# Mientras tanto ReasonML...



☒ **Prettier**

☒ **ESLint**

☒ **Tipado**

☒ **ES6+**

# A PRETTIER JAVASCRIPT FORMATTER

January 10, 2017

Today I am announcing prettier, a JavaScript formatter inspired by refmt with advanced support for language features from ES2017, JSX, and Flow. Prettier gets

# ReasonML+

# React

**La primera versión de React no fue  
escrita en JavaScript.**

**Fue escrita en SML, un primo lejano de OCaml.**



**Pero fue transcrito a JavaScript para  
mejorar su adopción.**

**Soporte de primera para React** ❤️

# ReasonReact

```
// Person.re
[@react.component]
let make = (~name) => {
  <div>{React.string(name)}</div>;
};
```

```
// Index.re
ReactDOMRe.renderToElementWithId(
  <Person name="React" />,
  "app"
);
```

```
npm install --global bs-platform
```

```
bsb -init my-react-app -theme react-hooks
```

**terminal 1: npm install && npm start**  
**terminal 2: npm run webpack**



# Taller 29 de Junio

## 9am-12m

# ¡Gracias!