Welcome to Elixir

"This is good shit"
— Joe Armstrong

June 17, 2016

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Motivation

- Power of Erland
- Syntax
- Macros
- Tooling and Abstractions

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Erlang

- created in mid-1980s
- designed for telecom
- connect multiple systems
- minimal impact of errors
- entire system should never go down

High availability

- fault tolerance
- scalability
- distribution
- responsiveness
- live update

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The basics you know

```
1 + 1                # ⇒ 2
2 * (3 + 1) / 4 # ⇒ 2.0
1 + 2; 1 + 3    # ⇒ 4

greeting = "Hello World!"
IO.puts(greeting)
# ⇒ Hello World!
# ⇒ :ok
```

Syntax

"Elixir syntax is like a marriage of DSL friendly Ruby and the powerful hygenic macros of Clojure."
– Devin Torres

Strings

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