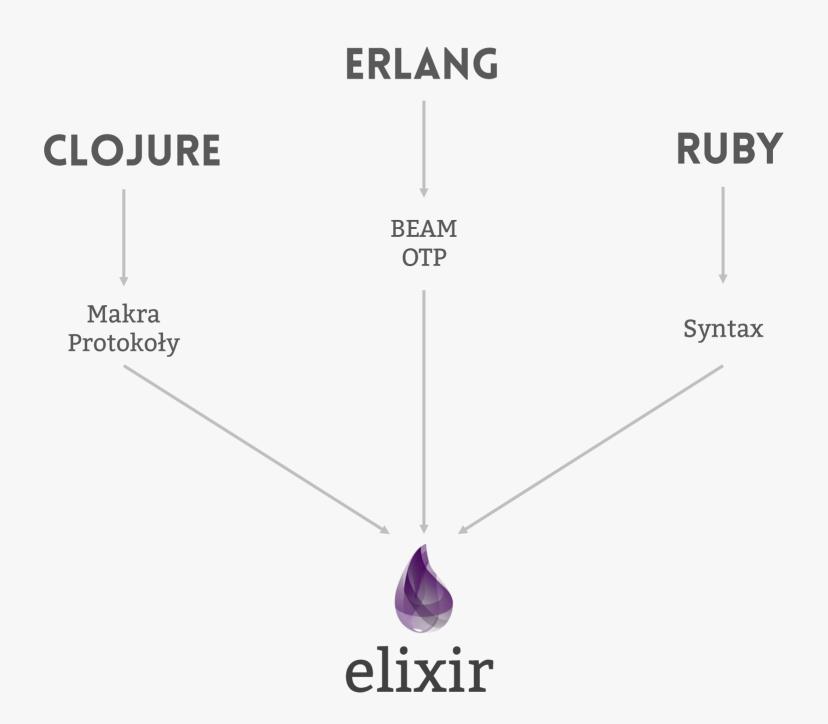


Elixir is what would happen if Erlang, Clojure, and Ruby somehow had a baby and it wasn't an accident.

— Devin Torres





TWÓRCA: José Valim

LICENCJA: APACHE License

HISTORIA: 2012: v.0.0.0 2014: v.1.0.0

- Erlang VM
- Model aktorów

We frequently say that the Erlang VM is Elixir's strongest asset.

— José Valim

```
Eshell 1> timer:tc(lists, filter,
    [ fun (X) -> X rem 3 == 0 end, lists:seq(1, 1000000) ]).
{3108780,[...]}
```

```
iex(1)> :timer.tc(:lists, :filter,
    [ fn x -> rem(x,3) == 0 end, :lists.seq(1, 1000000) ])
{2789563,[...]}

iex(2)> :timer.tc(Enum, :filter,
    [ 1..1000000, fn x -> rem(x,3) == 0 end ])
{2277837,[...]}
```

- Agent
- GenServer
- GenEvent
- Supervisor
- Application



MAKRA, PROTOKOŁY

• Większość Elixira jest napisana w Elixirze



- ExUnit
- Mix
- Sets, Dictionaries, Ranges
- Polimorficzne rekordy
- "Lazy" Enum = Stream