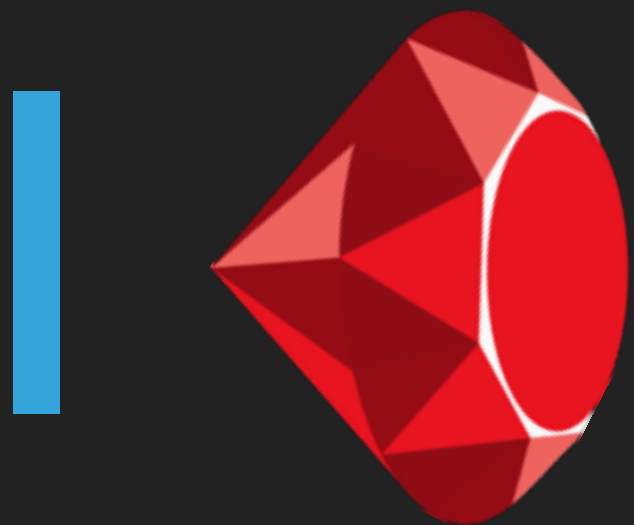


@RUBYSOLO

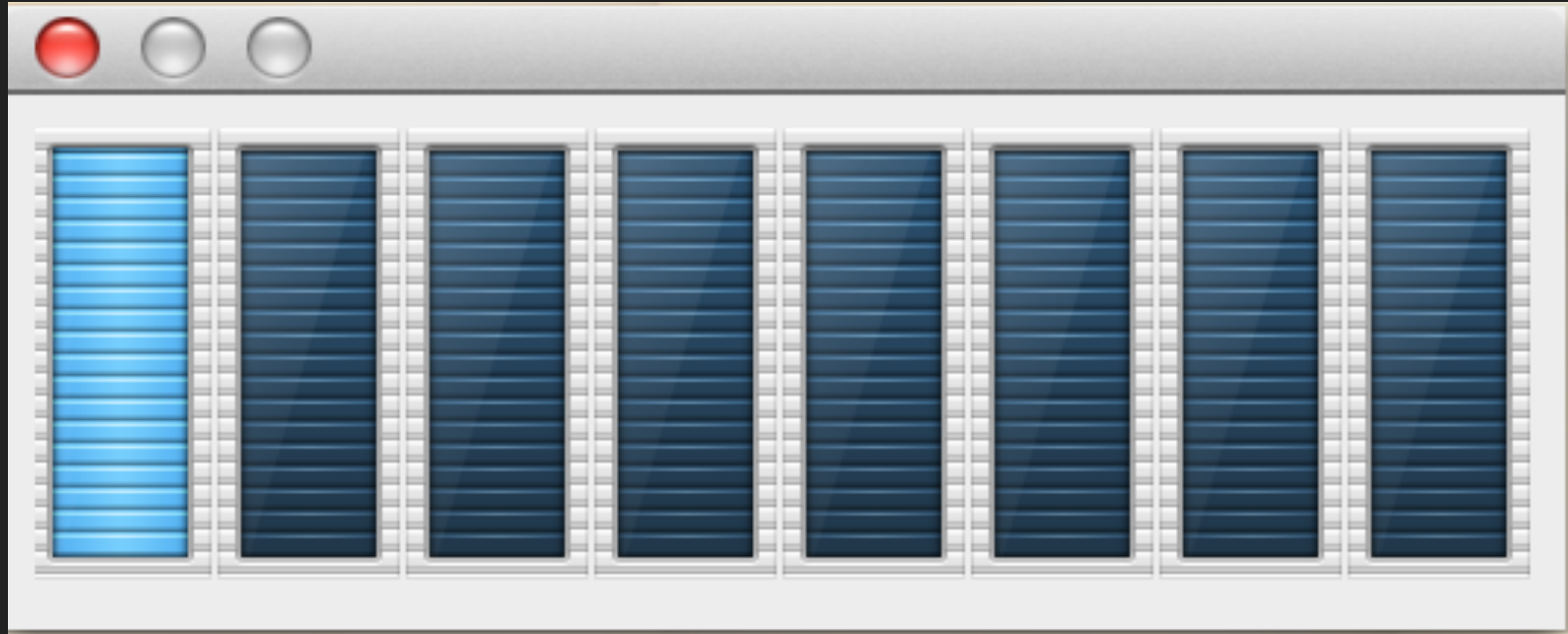
ELIXIR & PHOENIX



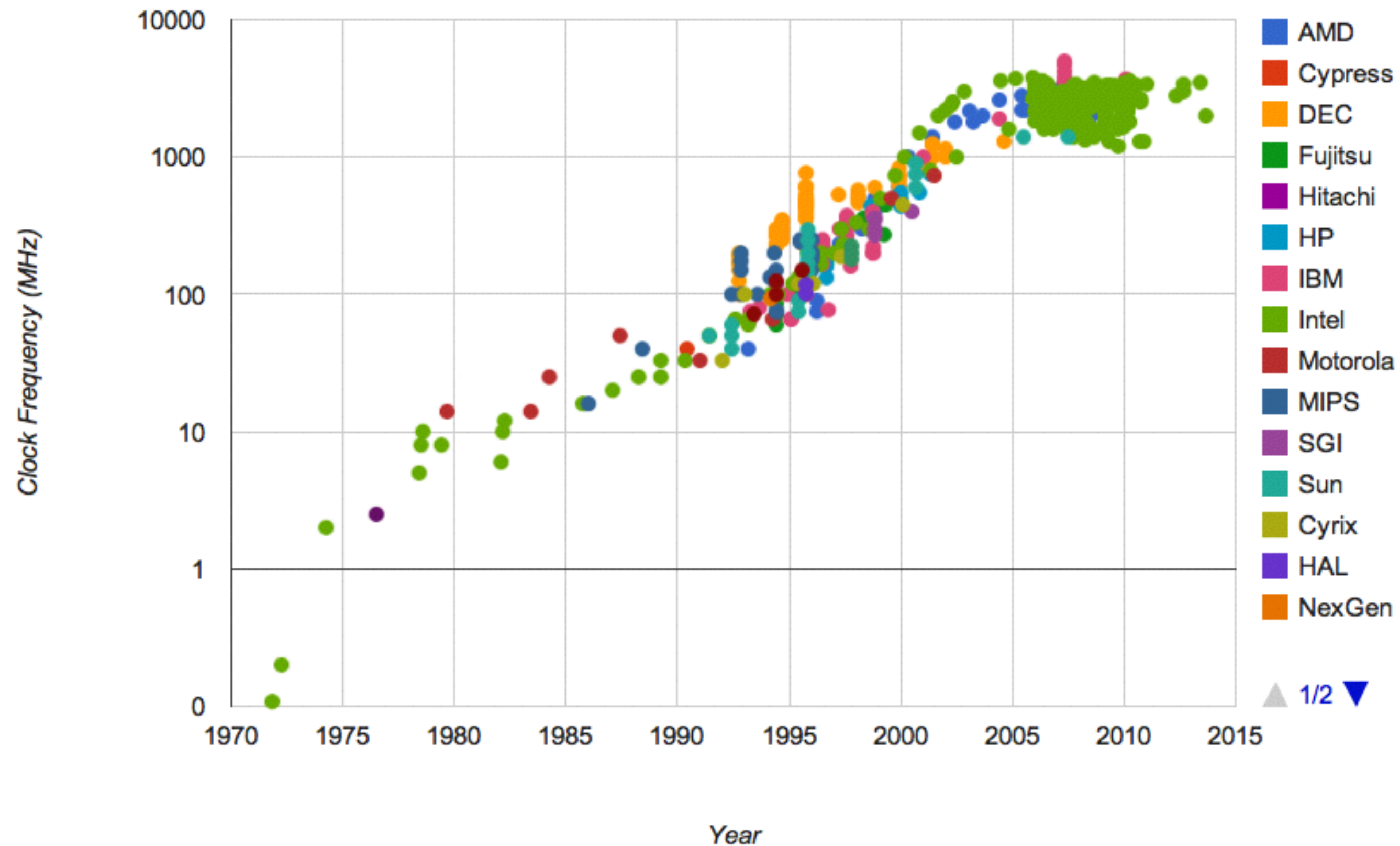


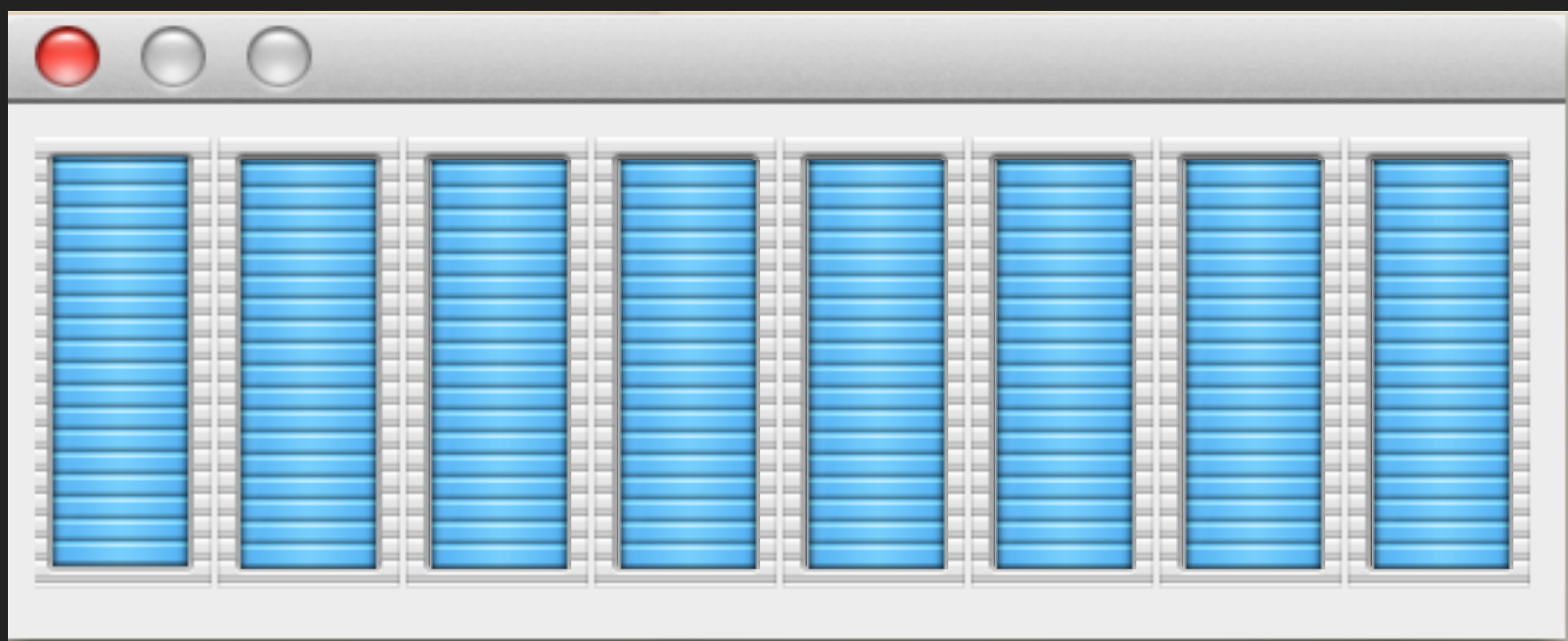
RUBY

**RUBY HAS
PROBLEMS**

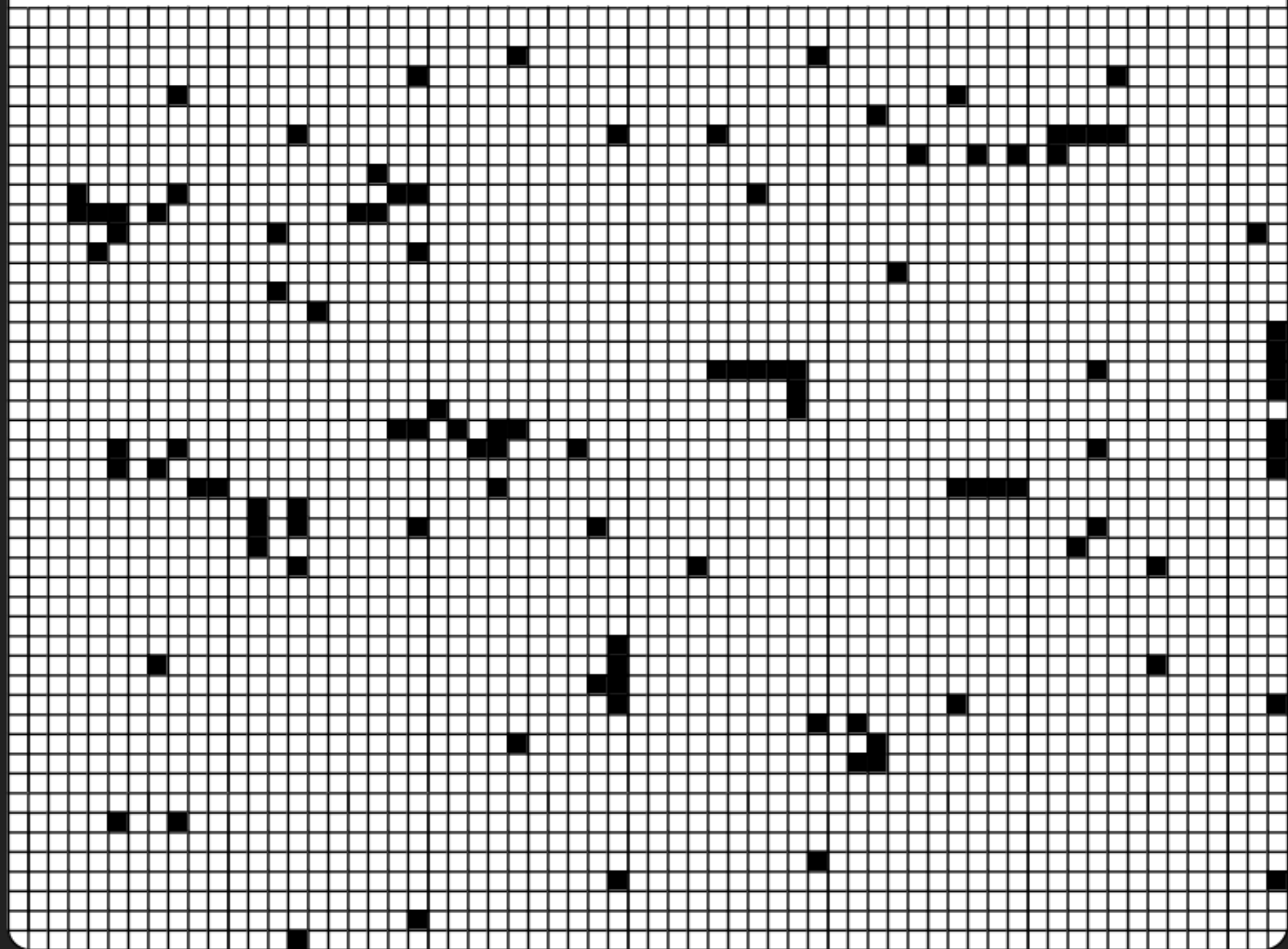


Clock Frequency





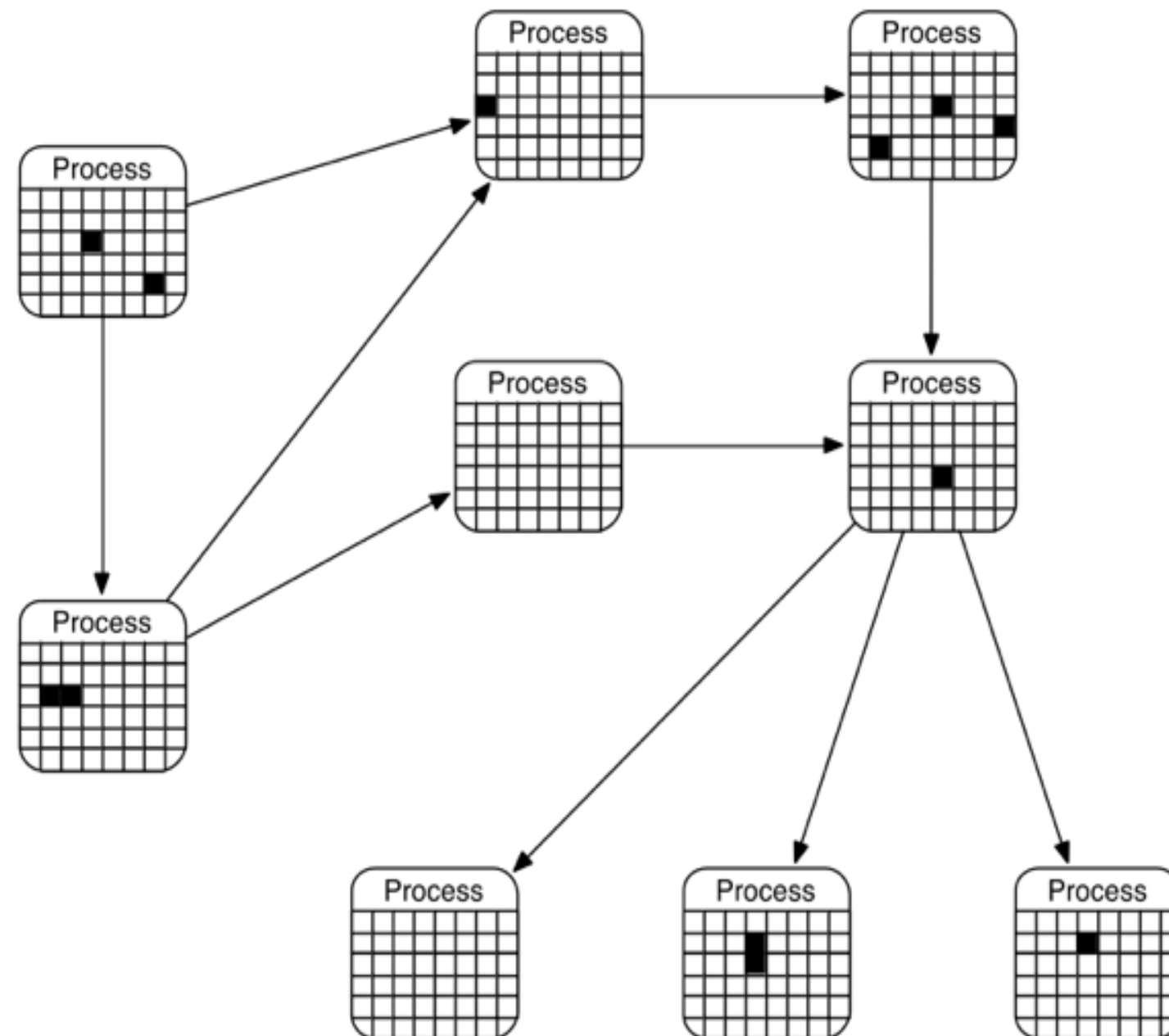
Ruby VM



I'LL STOP THE WORLD

AND GC YOU

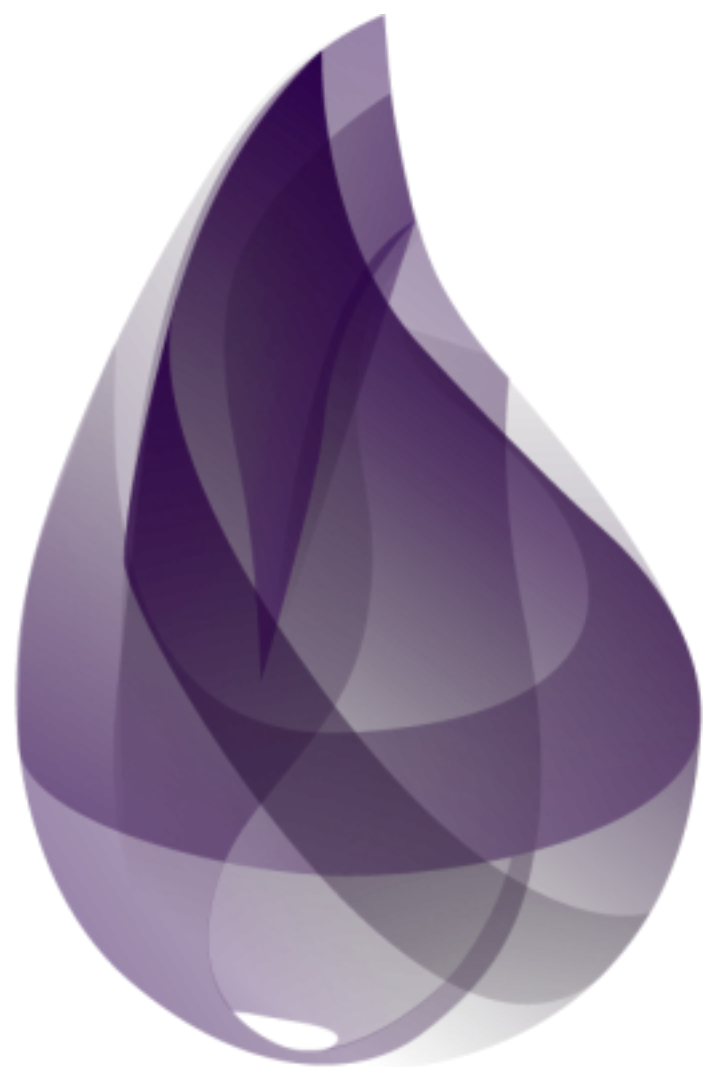
VM

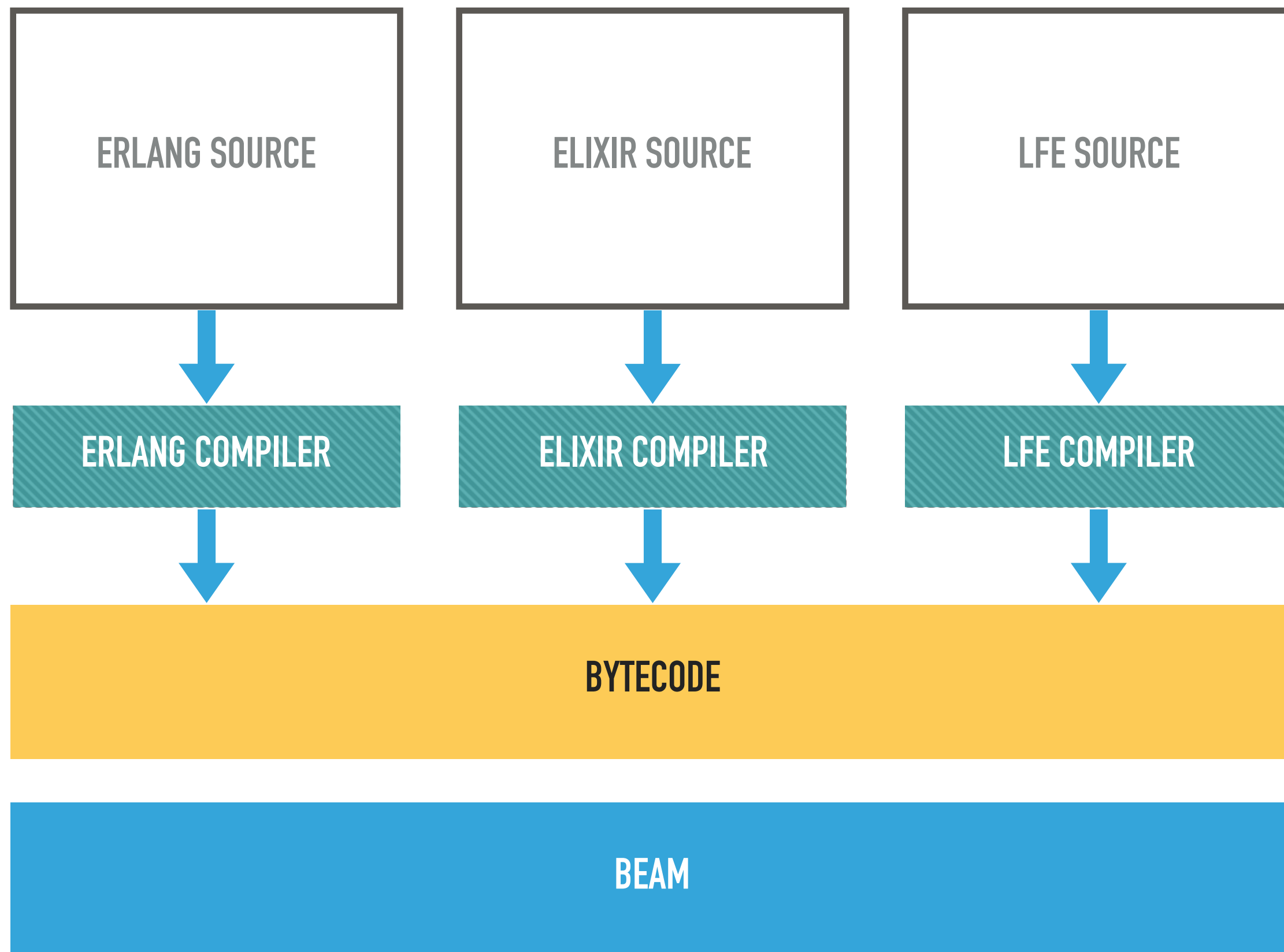




Erlang

```
-module(module).  
-compile(export_all).  
  
-behaviour(gen_server).  
-export([init/1, handle_call/3, handle_cast/2, handle_info/2,  
terminate/2, code_change/3]).  
  
%% Public API  
  
start() ->  
    gen_server:start({local, ?MODULE}, ?MODULE, [], []).  
  
stop(Module) ->  
    gen_server:call(Module, stop).  
  
stop() ->  
    stop(?MODULE).  
  
state(Module) ->  
    gen_server:call(Module, state)
```





ERLANG

ERLANG BENEFITS

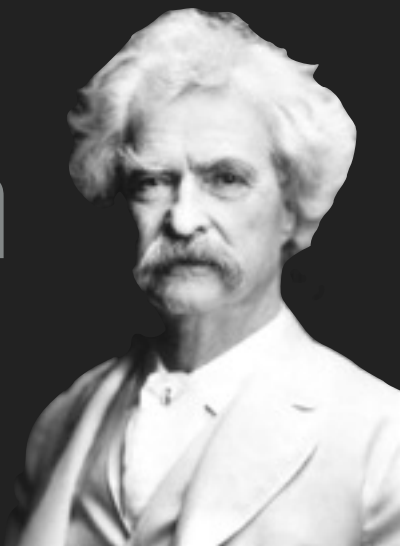
- ▶ Fault tolerance
- ▶ Concurrency
- ▶ Distribution

OTP

PERFORMANCE

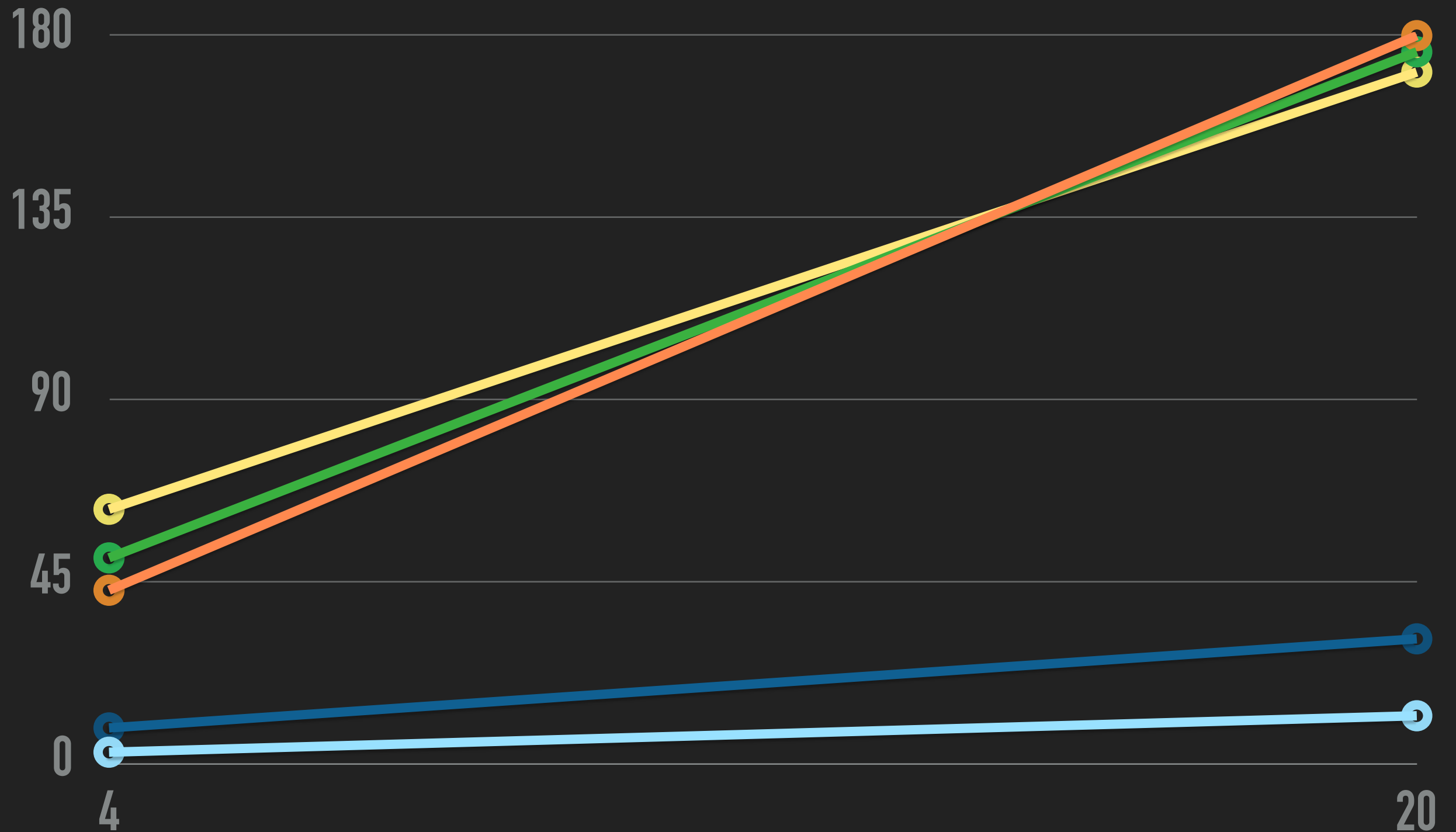
**THERE ARE 3 TYPES OF LIES:
LIES, STATISTICS, AND
FRAMEWORK BENCHMARKS**

Mark Twain



Phoenix Rails Gin Play Sinatra

REQUESTS PER SECOND



Number of Cores



Chris McCord
@chris_mccord



I called it quits too early on the channel bench's, with an optimization by [@gabiz](#) , we have now maxed our 4core/15gb box @ 450k clients!

10/25/15, 3:23 PM

25 RETWEETS 27 FAVORITES



LANGUAGE FEATURES

LANGUAGE FEATURES

- ▶ Ruby-ish Syntax
- ▶ Hygienic macros
- ▶ Pattern matching
- ▶ Pipeline operator
- ▶ Processes

FUNCTIONAL PROGRAMMING



William Morgan
@wm



i love functional programming. it takes
smart people who would otherwise be
competing with me and turns them into
unemployable crazies

12/30/09, 12:53 PM

1,648 RETWEETS **1,572** FAVORITES







FRAMEWORK FEATURES

- ▶ Compiled RESTful routing
- ▶ WebSockets built in
- ▶ Shared conventions
- ▶ Compiled view templates
- ▶ Productivity AND Performance

DEMO

**Q: WHEN SHOULD YOU NOT
USE ELIXIR?**

A: WHEN YOU'RE DEAD.

