# Distributed system for algorithmic trading
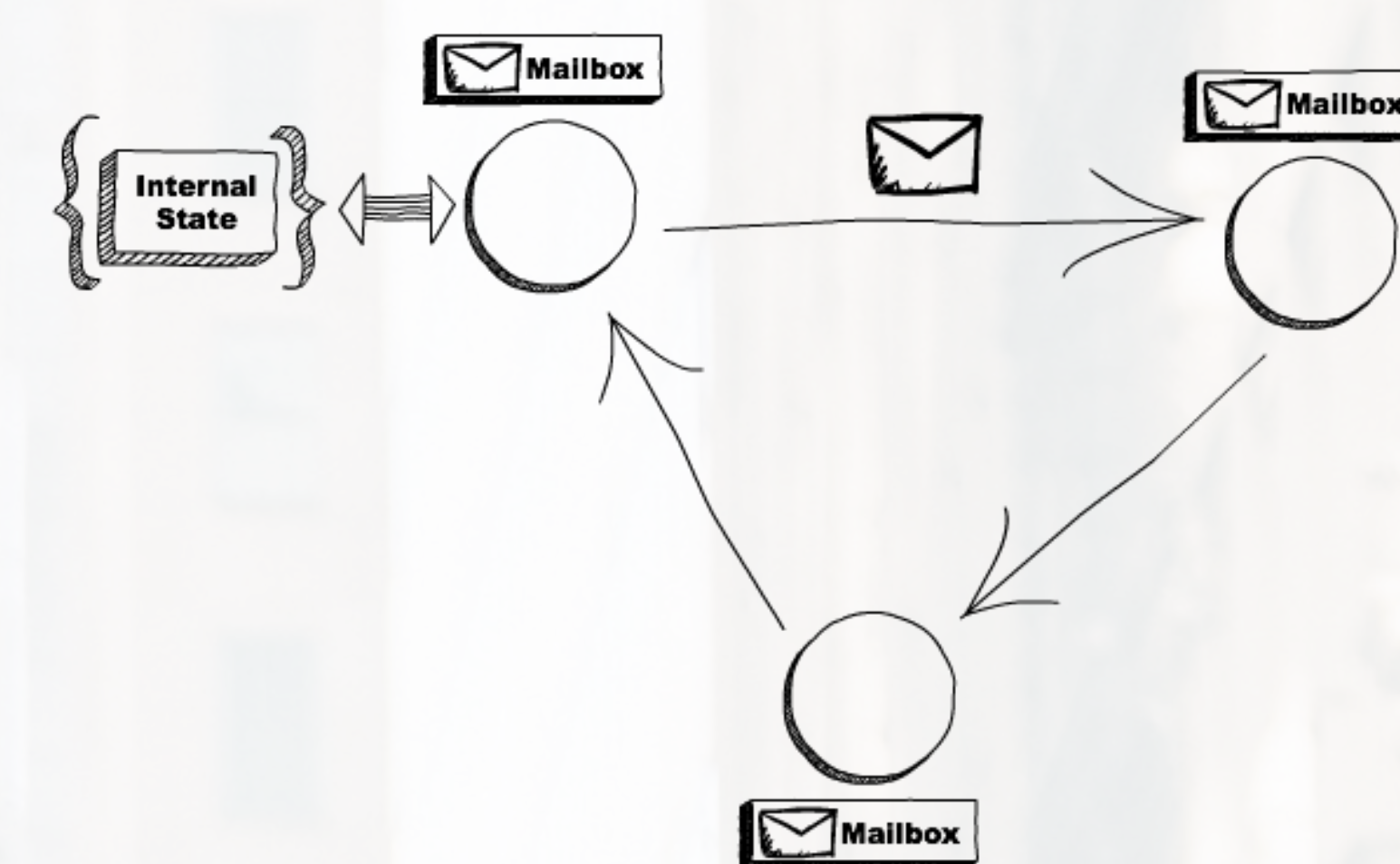
**Cryptrader**
Trading platform

## Distributed architecture

*Speed without the metal*

Distributed architecture offers scalability and reliability, that could not be achieved with conventional approaches.
Utilizes Kubernetes & Actor model.



## Web interface

*No need for local installation*

You don't need to buy a raspberry pi in order to keep your trading bot running overnight without blowing up your energy bill

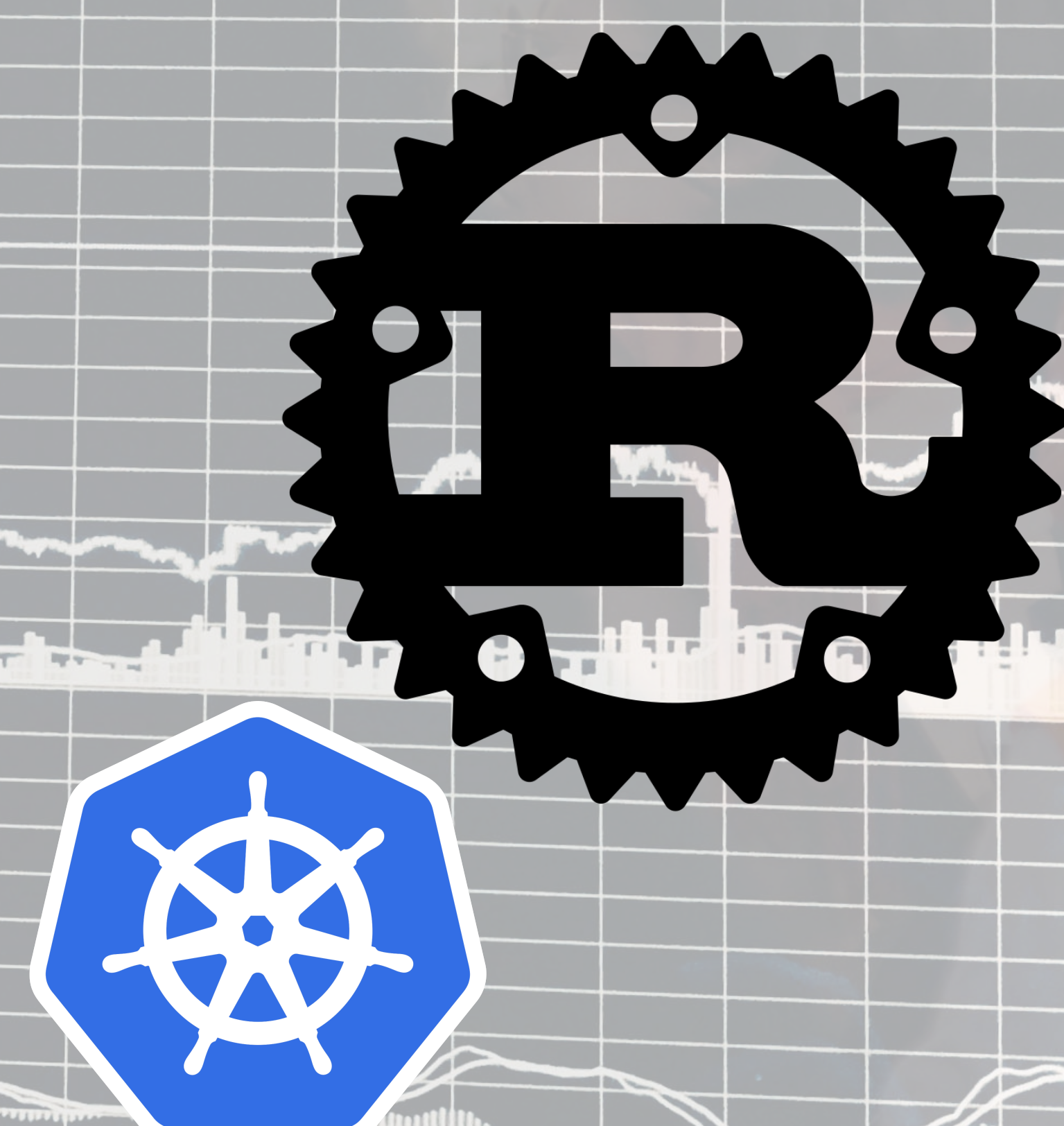## Custom strategy scripts

*Master the market secrets*

Write custom strategies in LUA with help of technical analysis library. Test your ideas about the cryptocurrency markets

```lua
1   local slow = ta.sma(20);
2   local fast = ta.ema(20);
3   local macd = ta.macd(1,2,3);
4   local rsi = ta.rsi(10);
5   local eee = ta.sma(10);
6
7   if fast() > slow() then
8       return "long"
9   elseif slow() > fast() then
10      return "short"
11  else
12      return 'neutral'
13  end
```

**02**

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Práce # 2

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kubernetes