

CLOSURE IN A STARTUP

A MOSTLY FACTUAL TALK



CONTOVISTA

Delightful Banking

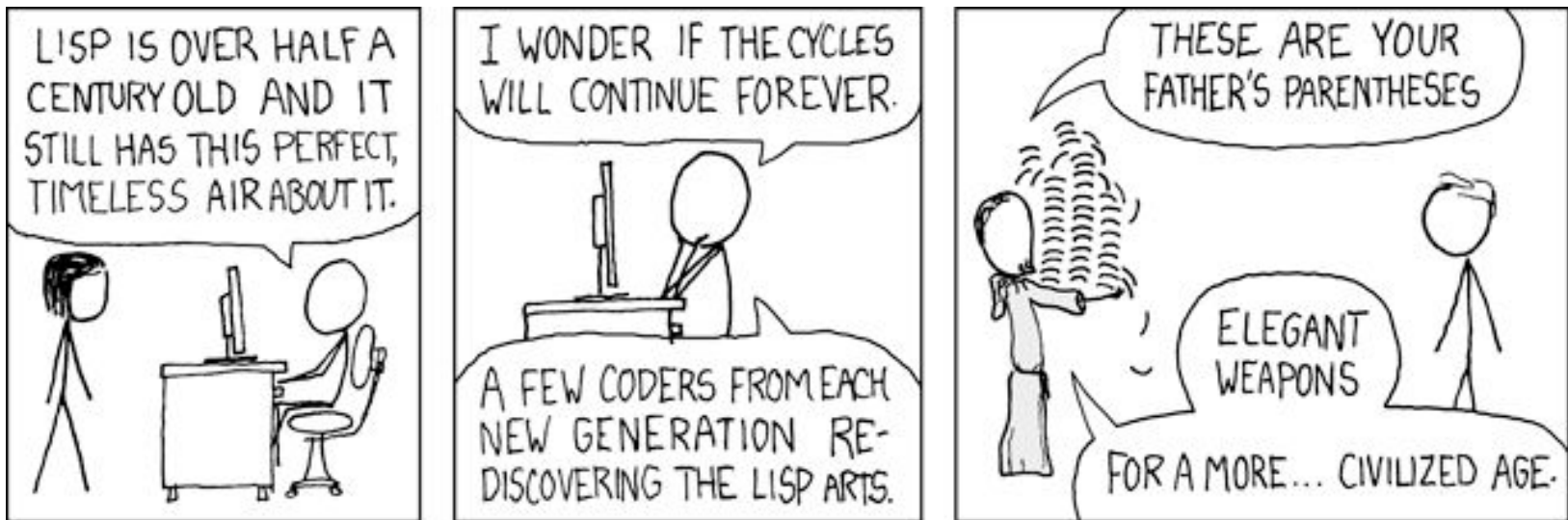
Agenda

1. Why Clojure
2. What we've learnt
3. Would we do it again?
4. Q & A

Why Clojure

It's fun to write

Why Clojure



Source: <https://xkcd.com/297/>

Why Clojure

It's fast to prototype

Why Clojure



```
Give me some Clojure:  
>
```

Source: <http://www.tryclj.com/>

Why Clojure

It's easy to reason about

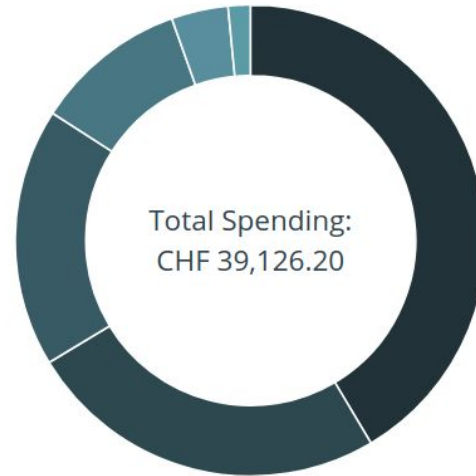
Why Clojure



Why Clojure

It's a hosted language

Why Clojure



Total Spending:	CHF 39,126.20
▶ A Transport & Mobility	CHF 16,224.55
▶ H Household	CHF 9,733.80
▶ T Travel	CHF 6,944.95
▶ L Leisure & Shopping	CHF 4,099.10
▶ L Living	CHF 1,525.80
▶ : Other categories	CHF 598.00

What we've learnt

frame of reference

- Clojure code base of ~75k loc
- Implemented ETL code interfacing systems with Http, File, MQ, JDBC, prop iface
- Serving banking data through REST
- Running clojure software in banks for ~4 years
- Grew the team from 2 to 9 devs
- Use gradle for building java & clojure (delegating to boot)

What we've learnt

technological aspects

- ▶ Clojure tooling
- ▶ Working with a large code base
- ▶ Dependency injection
- ▶ Ecosystem
- ▶ Java8

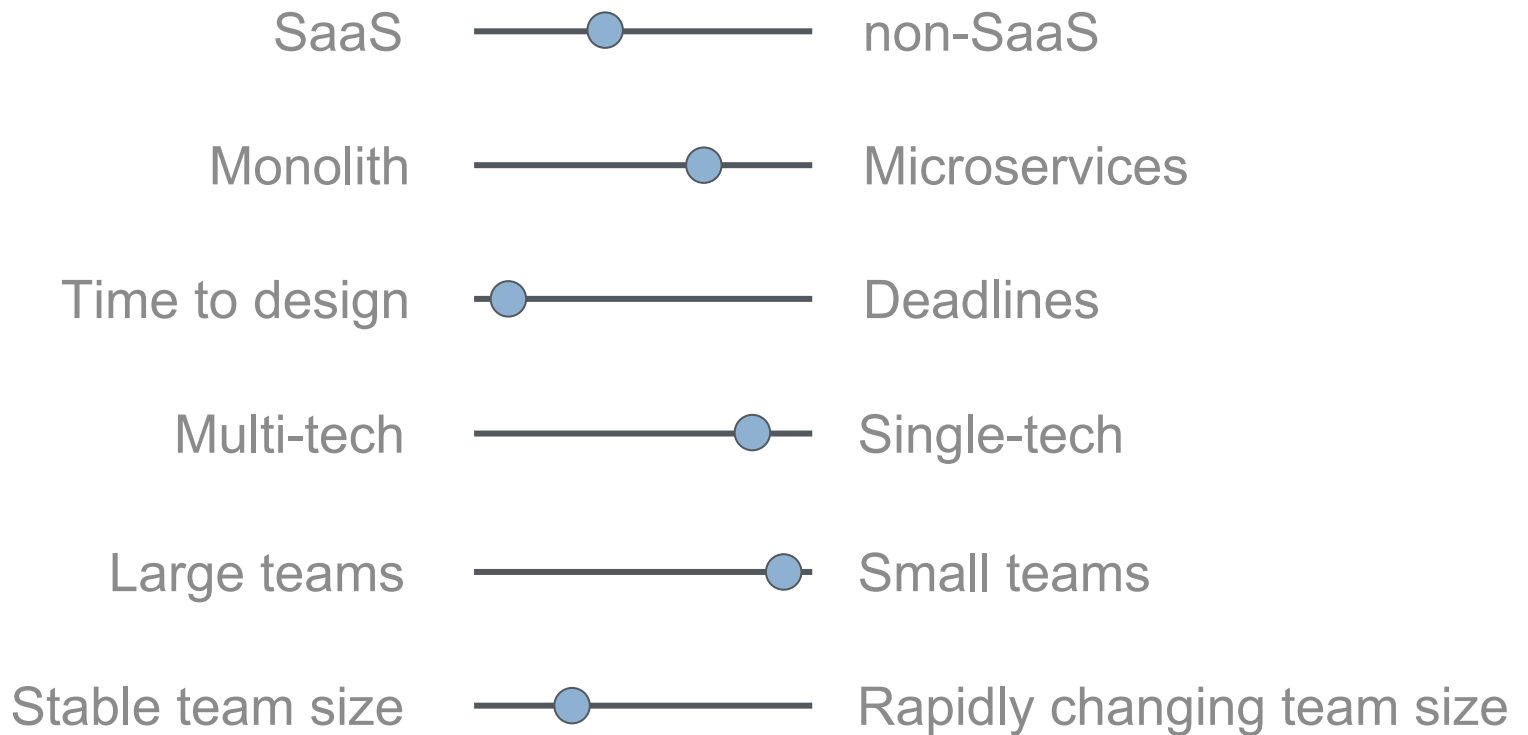
What we've learnt

business aspects

- ▶ Clojure is a self-selector
- ▶ Scaling the team
- ▶ Rapidly changing environments
- ▶ Technology is for solving problems

Would we do it again?

Would we do it again?



Q & A

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