

Closure All The Things

.:: Boyan Bonev ::.



A photograph of a dark grey pigeon perched on a textured red wall. The pigeon is facing right, looking out over a city street. In the background, there are buildings, a street lamp, and a car driving away.

The Clojure Profile

- First Encounter ~ 8 years ago
- In production ~ 5 years
- Clojurescript => Very much so
- Community involvement
- Happy ;o)



The Adventure Begins

1

!

The Context

This one sets the stage

2

?

The Journey

This one is the work

3

?

Le Fin

Happily Ever After

Elmar Reizen BV



DIScounter

Geekoper kan niet!

0900 - 7 747 400 (20 cent
Dit ons vanuit:

Hulp nodig? Veel gestelde vragen

Zoek & bespaar!

Geenkoop Europa

| | |
|-------------|-----------------|
| Griekenland | v.a. € 249 p.p. |
| Italië | v.a. € 217 p.p. |
| Portugal | v.a. € 203 p.p. |
| Spanje | v.a. € 167 p.p. |
| Turkije | v.a. € 115 p.p. |

Geenkoop Azië

| | |
|-----------|-------------------|
| Indonesië | v.a. € 799 p.p. |
| Malediven | v.a. € 1.126 p.p. |
| Maleisië | v.a. € 1.080 p.p. |

Geenkoop Caribbean

| | |
|-------|-----------------|
| Aruba | v.a. € 689 p.p. |
|-------|-----------------|

Waarom de VakantieDiscounter?

- Gegarandeerd de beste deal
- Zekerheid van ANVR en SGR
- Uiteraard geen boekingskosten
- Als eerste de laatste last minutes

Toon 12053 vakanties

Zoek op trefwoord

Als eerste de laatste Last minutes!

Top last minute vakanties

Prijskenners!

Black Bird Hotel
Turkije - Istanbul - Istanbul
Logies + ontbijt, vr, 2 jan. 2015, 3 dagen, Beoordeling: 6.7

Berlijn
08.24.14 - 20.01.2015
v.aaf € 219 p.p.
Logies + ontbijt

San Feliciano
08.26.14 - 20.01.2015
v.aaf € 306 p.p.
Logies

Waffle Country

The Low Countries



```
*cider-repl pegthing* 0 — (126 x 30)
; CIDER 0.8.1 (package: 20141120.1746) (Java nil, CL
; 1, nREPL 0.2.3)
pegthing.core

user-entered-valid-move
user-entered-invalid-move
prompt-move
game-over
prompt-rows)

ate the board

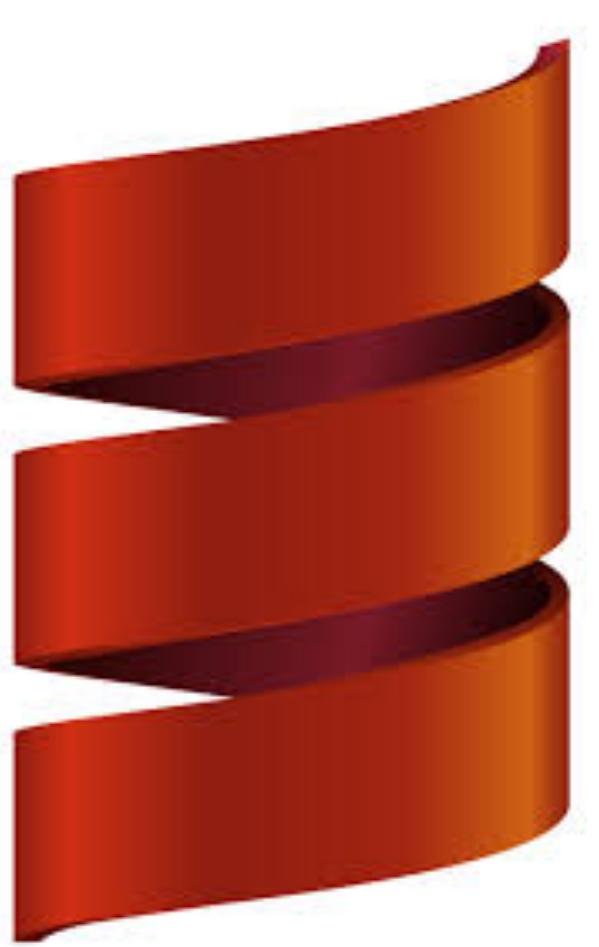
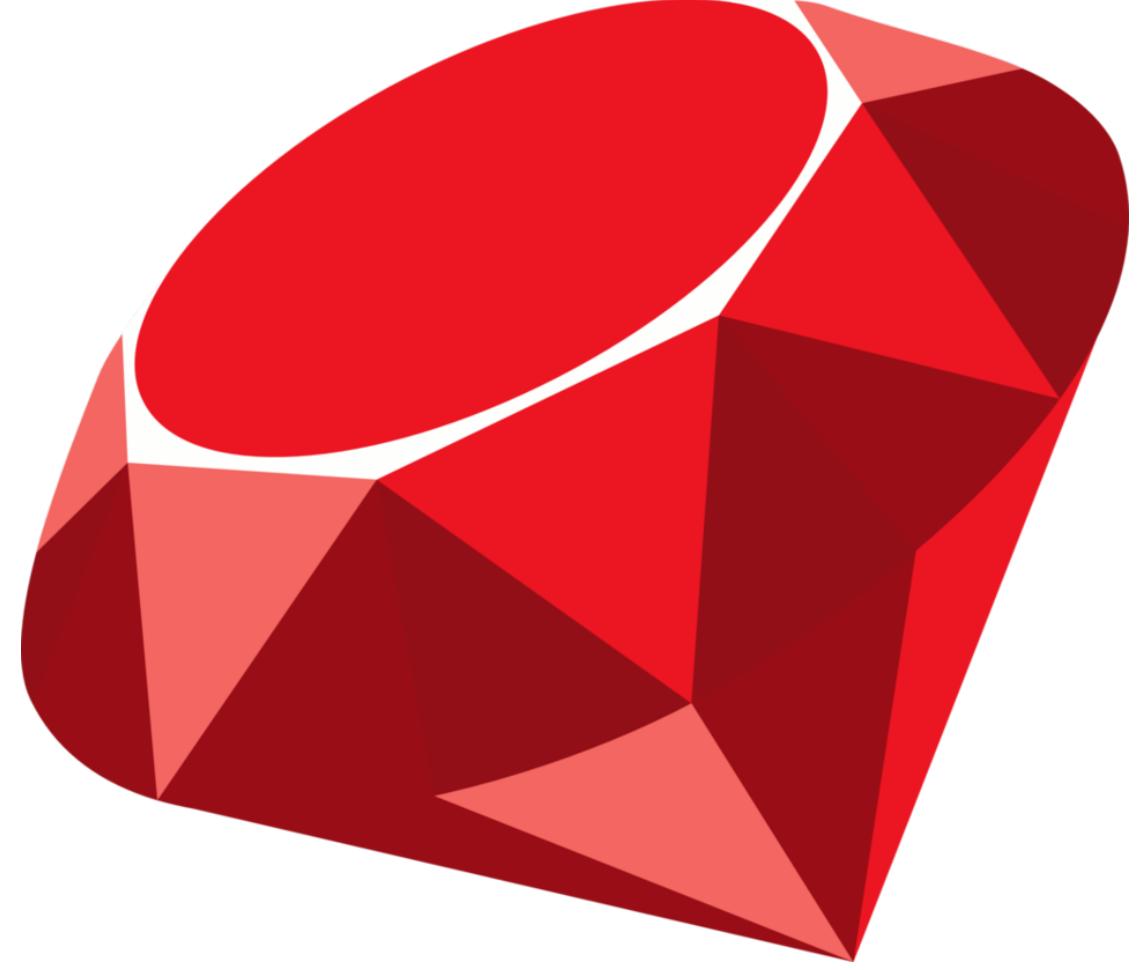
tri*
generates lazy sequence of triangular numbers"
(tri* 0 10)
n]
let [new-sum (+ sum n)]
(cons new-sum (lazy-seq (tri* new-sum (inc n)))))

usually create the lazy triangle sequence
tri (tri*)
triangular?
the number triangular? e.g. 1, 3, 6, 10, 15, etc"
(last (take-while #(>= n %) tri)))

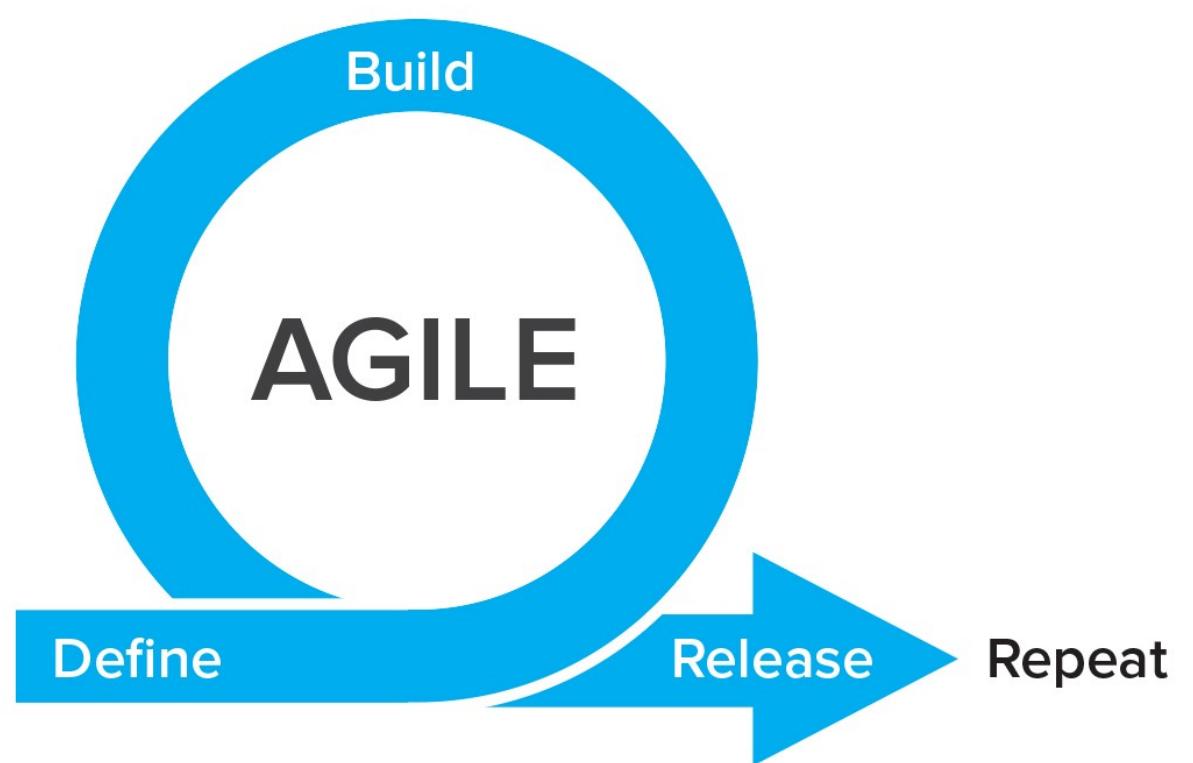
re.clj Top L10 Git:rev2 Clojure cider[pegthi :-**- *cider-repl pegthing* All L2 (REPL Pared
. May the Source be with you!
```

<3 Clojure

How to end up as the shortest person in a country 101



The Situation



Clojure.All.The.Things

1

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The Context

The Adventure Begins

2

!

The Journey

Work Happens Here

3

?

Le Fin

Happily Ever After

The Plan

- UX Matters
- Phase out Ruby
- Forget about Angular
- Rebuild in Clojure(script)
- Never stop iterating on features

Hotel Beatriz Playa & Spa ★★★★
Spanje - Lanzarote - Puerto del Carmen

7.5 Erg goed
206 beoordelingen van **zoover**

vanaf **€296** p.p.
incl. vlucht + transfer

vertrekdatum za 18 mei 2019
reisgezelschap 2 personen
vervoer Alle luchthav...
verzorging Geen voorkeur

Vergelijk de laagste prijzen:

| vertrekdatum | reisgezelschap | vervoer | verzorging |
|----------------|----------------|------------------|---------------|
| za 18 mei 2019 | 2 personen | Alle luchthav... | Geen voorkeur |

Toon reisduur van: Geen voorkeur

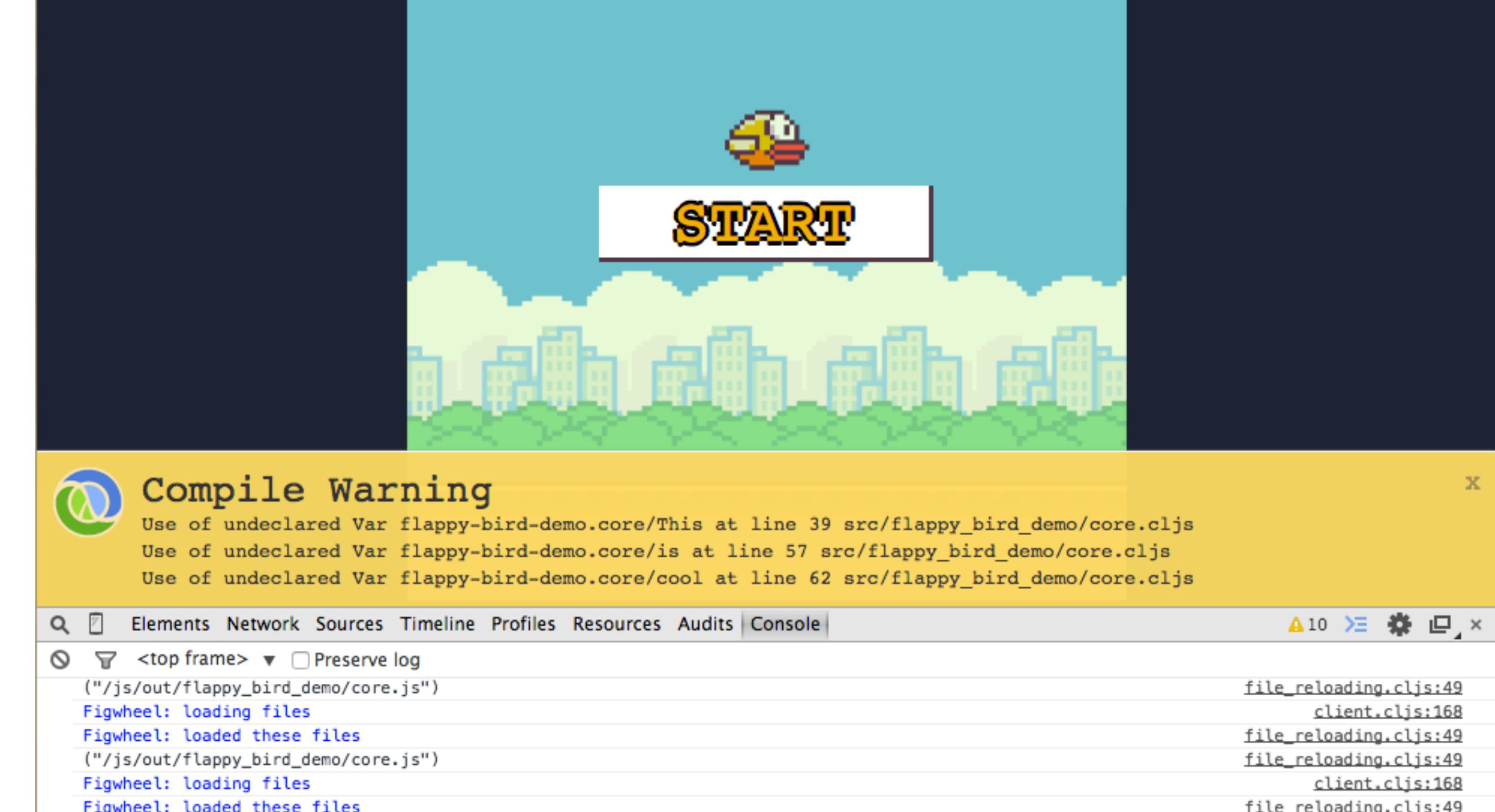
eerder woensdag 15 mei donderdag 16 mei vrijdag 17 mei zaterdag 18 mei zondag 19 mei maandag 20 mei dinsdag 21 mei later

laagste prijs **€296** 4 dagen

controleer prijs en beschikbaarheid

vertrek terugkomst luchthaven verzorging zaterdag 18 mei 2019 dinsdag 21 mei 2019 (4 dagen) Eindhoven Logies + ontbijt

€296 p.p.
incl. vlucht + transfer



- Rebuild one page in CLJS
- Port to JRuby compatibility
- Setup Proxy and run from inside JVM
- Start migrating backend business logic
- Gradually get to single Clj/Cljs codebase



Stormy weather ahead

- Always in *production*
- Ecosystem familiarity
- Performance fine-tuning
- Learning on the job



The Good Parts

- Team eager to learn
- Culture of exploration and experimentation
- Clojure Community focused on results
- Feature development gets easy
- Code Sharing ++
- Magical Growth Happens



Happily Ever After

1

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The Context

Our Adventure Begins

2

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The Journey

Closure.All.The.Things

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Happily Ever After

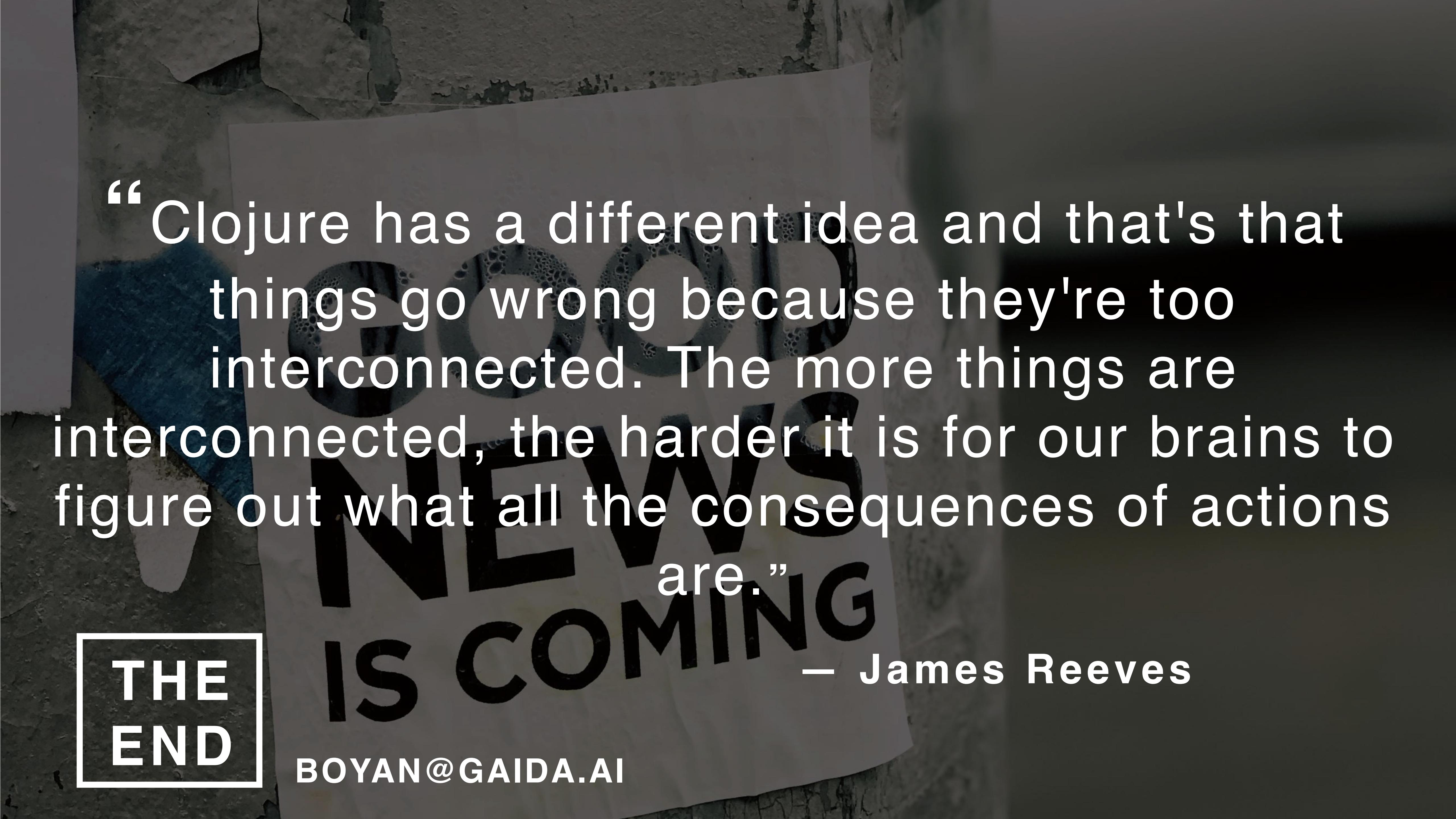
Outcomes for our heroes

- Q1 2017 - Acquisition by Otravo
- Today - Still growing, still using Clojure
- Still doing Clojure... all around the world
- ...also, still keeping in touch



online travel organisation





“Clojure has a different idea and that's that things go wrong because they're too interconnected. The more things are interconnected, the harder it is for our brains to figure out what all the consequences of actions are.”

— James Reeves

THE
END

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