@svenpet

How to do Kick-Ass Software Development

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Atlassian Ambassador
NO PARKING ANY TIME
svenpet.com
@svenpet

better software

less overhead

faster development

happy customer

happy developers

Agile

What's the state of

Agile

2013 ?

DIABOLICAL DEVELOPER

Compiles? == Ship it!

The Dark Manifesto of Agile Software Development

We are uncovering ~~better~~ **the only** ways of developing software by ~~doing it and helping~~ **teaching** others ~~do it~~.
Through this work we have come to value:

Individuals and interactions ~~over~~ **and not** processes and tools
Working software ~~over~~ **and not** comprehensive documentation
Customer collaboration ~~over~~ **and not** contract negotiation
Responding to change ~~over~~ **and not** following a plan

That is, ~~while~~ **since** there is **no** value in the items on the right, we value **only** the items on the left ~~more~~.

Programming, Motherfucker

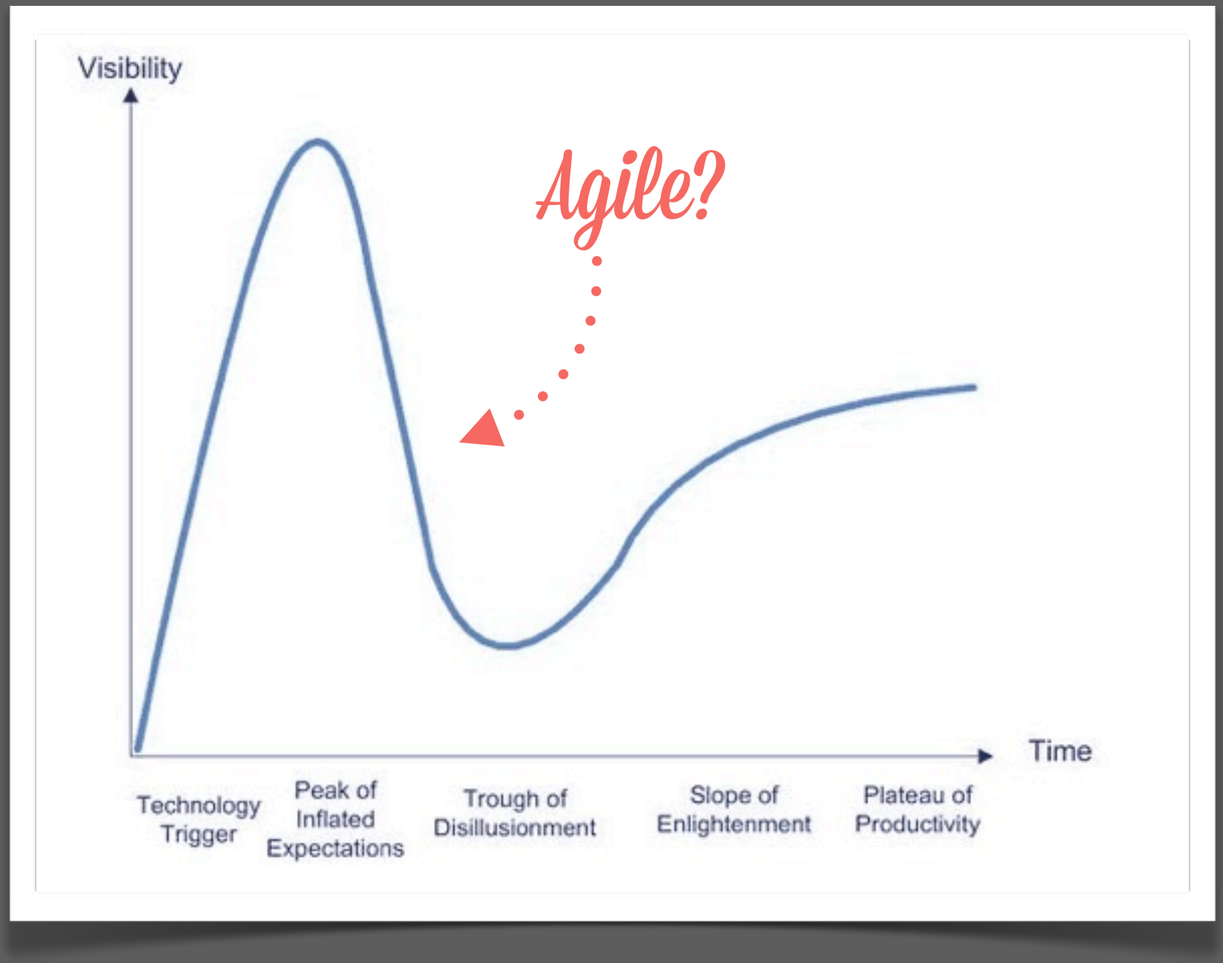
Do you speak it?

Is

Agile

dead?

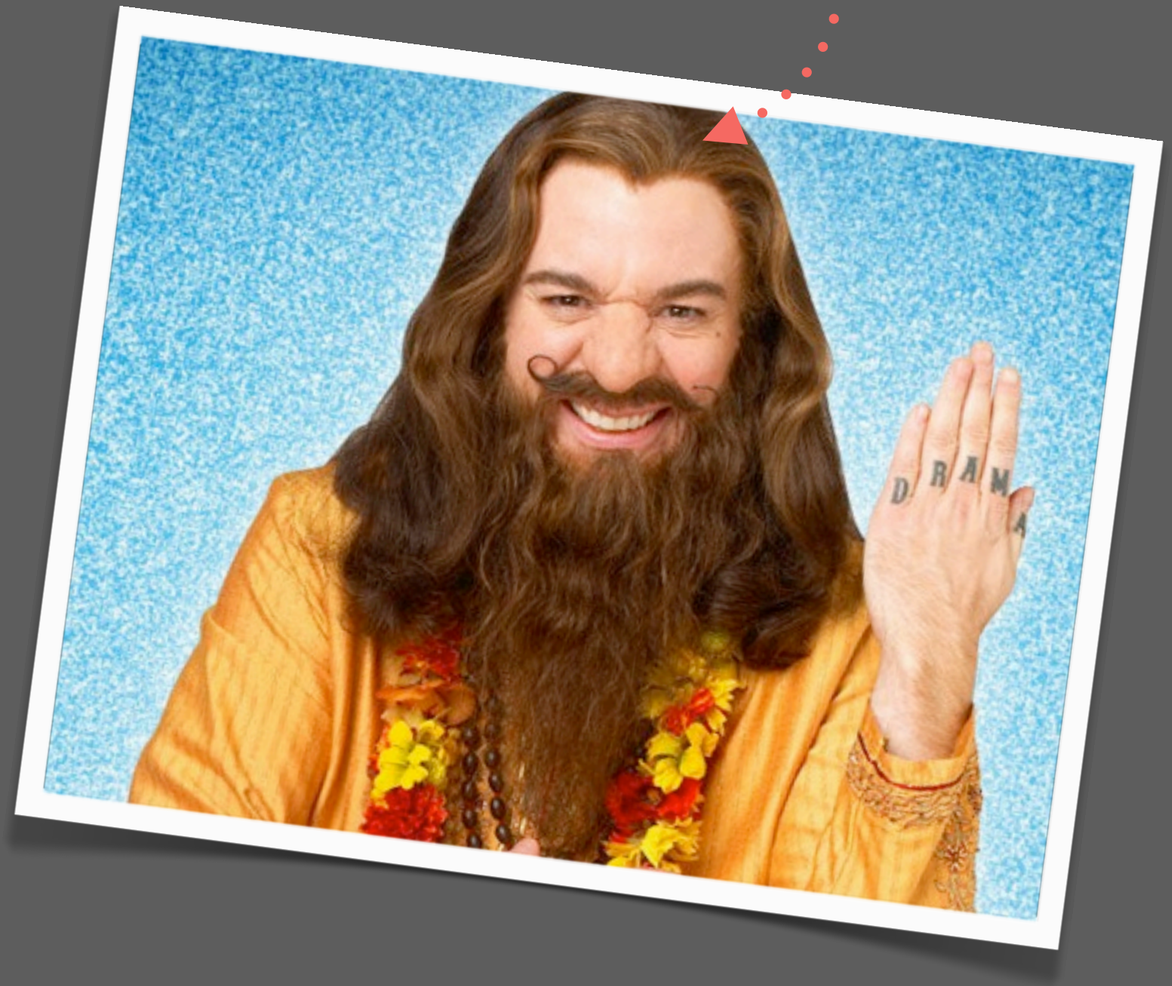
The Gartner Hype Curve



We need

some **smart** people!

Guru



Stop following the next **guru**

and kick-ass again

Ass Kicking Topics

- Deliver Kick-Ass Software
- One Kick-Ass Team
- Kick-Ass Collaboration

Deliver

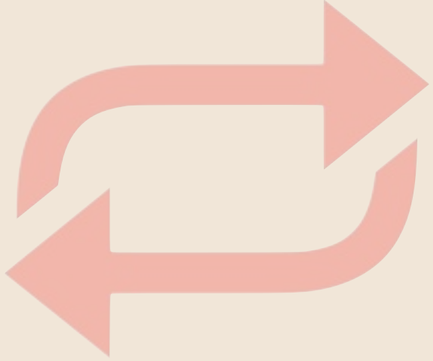
Kick-Ass Software

Feedback

Create Issue
Configure Fields
JIRA
Dashboards
Projects
Issues
Agile
Milton Waddams
Angry Nerds / ANERDS-142
Nerds is not spelled right. Please fix it!
Create Issue
Quick Search
Edit
Comment
Planning Board
Task Board
More Actions
Details
Type: New Feature
Priority: Major
Affects Version/s: None
Component/s: UI
Labels: None
Environment: ?? It's on the Angry Nerds website!
Rank: 115233
Status: Open
Resolution: Unresolved
Fix Version/s: None
Views
People
Assignee: Anton Mazkovoi [Atlassian]
Reporter: Milton Waddams
Participants: Anton Mazkovoi [Atlassian] ... (1)
Vote (0)
Watch (0)
Dates
Created: Today 6:42 PM
Updated: Today 6:42 PM
Last commented: Less than a minute ago
Description
It's spelled "Nreds"!
Activity
All
Comments
History
Activity
Test Sessions
There are no comments yet on this issue.
Comment
Bug tracking and project tracking for software development powered by Atlassian JIRA (v5.0#713-sha1:aec58e2) | Report a problem
that caused the problem.
Attachment
Choose Files
No file chosen
The maximum file upload size is 10.00 MB.
Original Estimate
(eg. 3w 4d 12h)
An estimate of how much work remains until this issue will be resolved.
The format of this is ' *w *d *h *m ' (representing weeks, days, hours and minutes - where * can be any number)
Examples: 4d, 5h 30m, 60m and 3w.
Labels
Begin typing to find and create labels or press down to select a suggested label.
Create another
Create
Cancel

You get
feedback
Haters
Fanboys

You want
feedback
THE CROWD



Generate a kick-ass

Feedback

Experience

How was your
security experience
today?
Heathrow
tell us how we
can make your
rney better
Easy to find
Make it simple
Fast to submit

GOT FEEDBACK?

JIRA Dashboard Projects Issues Agile Create issue GOT FEEDBACK? quick search

Startseite Agile

Opt In for a Better GreenHopper

Help us make GreenHopper better! We're continuously working to optimise the GreenHopper experience for the needs of users like you. Anonymous usage data helps us do just that.

Would you like to turn on the collection of anonymous usage data for this GreenHopper instance? View details about information that will be collected, read our Privacy Policy for the data and our End User Agreement.

Yes, please No, thanks

JIRA Agile

Getting Started with GreenHopper

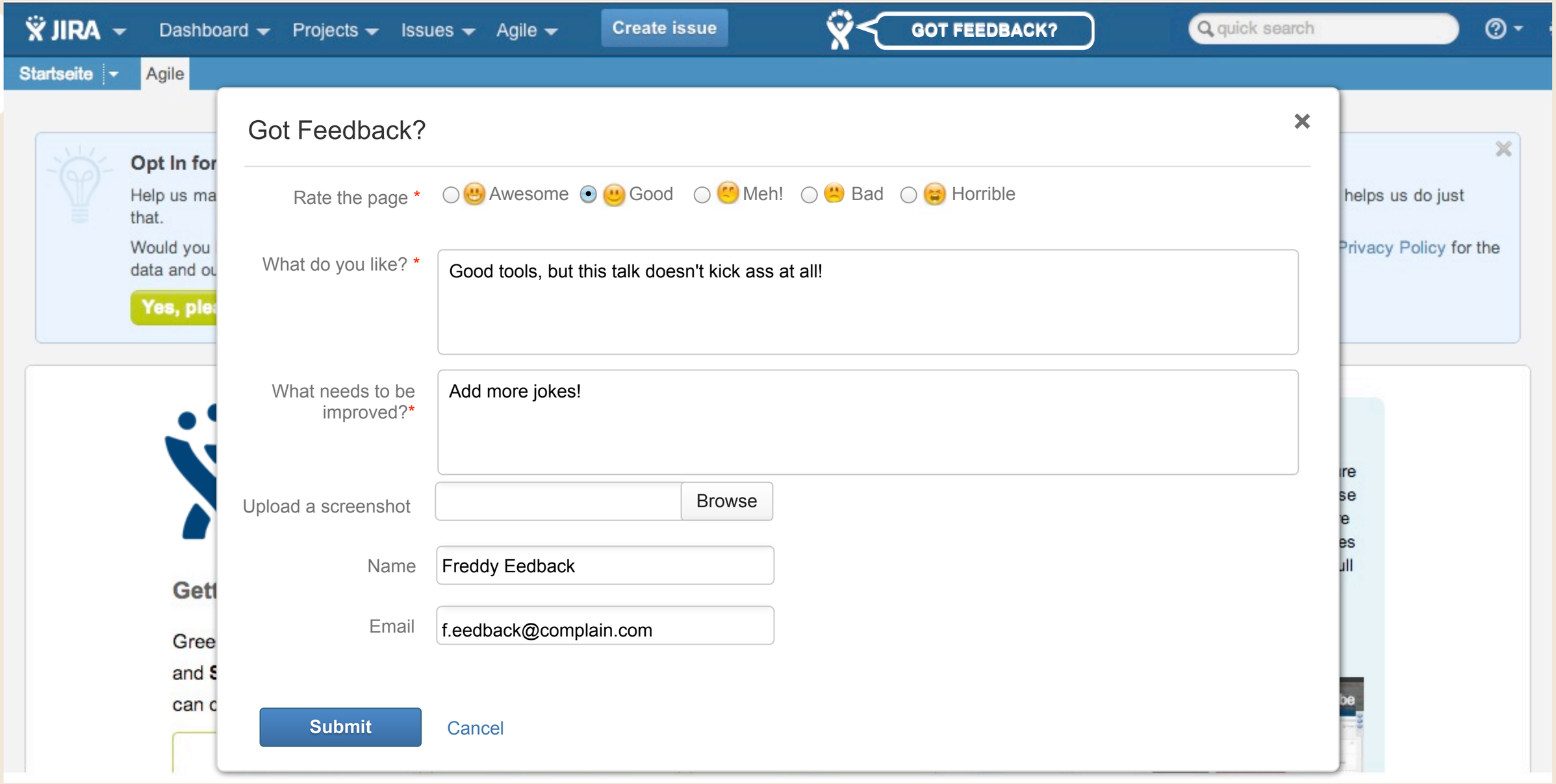
GreenHopper has two primary modes, **Kanban** for constraint-based task management, and **Scrum** for iteration planning. If you're not sure which one is right for your needs you can check out the learning links we've provided.

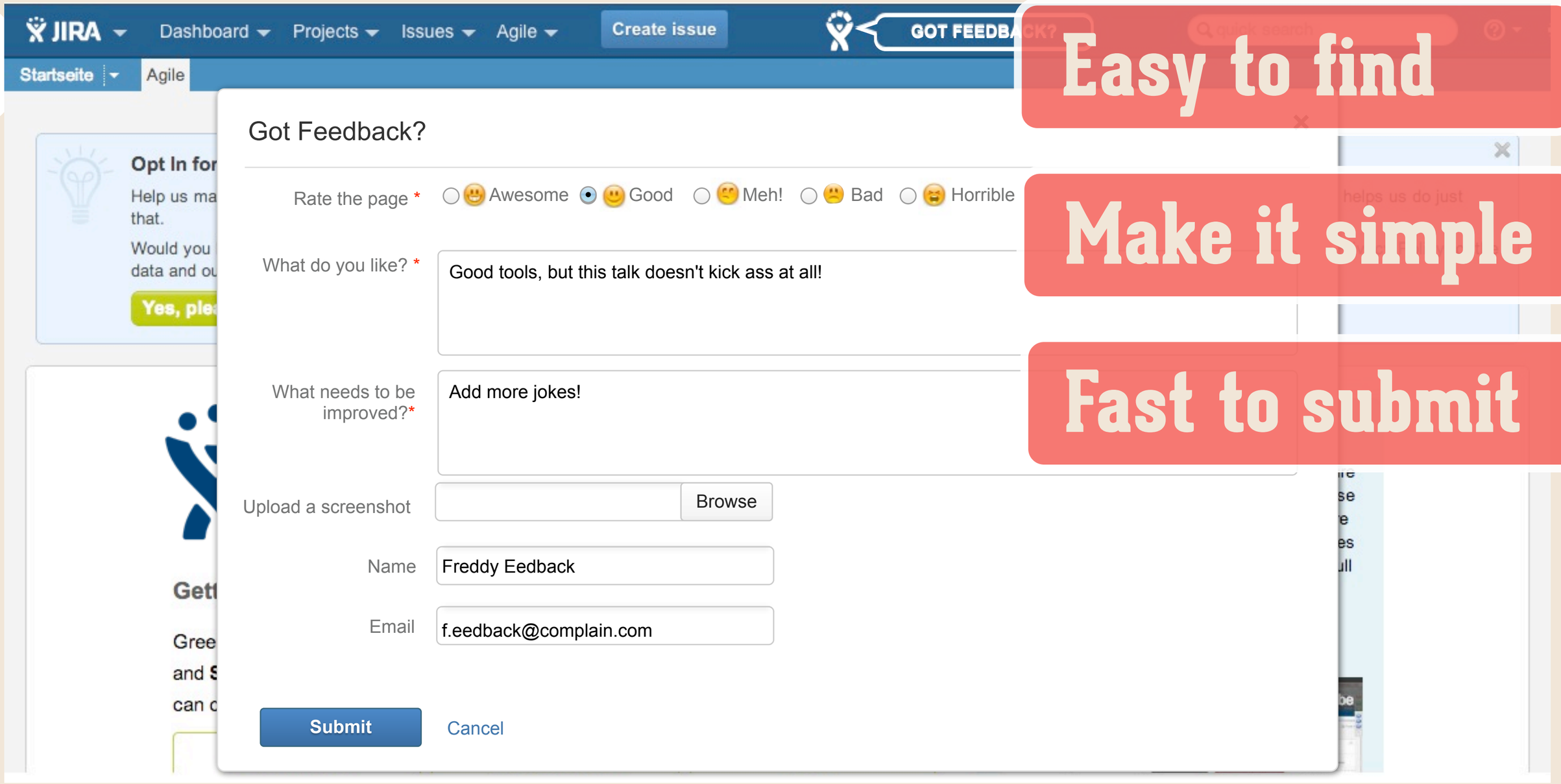
Scrum Kanban DIY

What's New in GreenHopper 6.1

We're excited to introduce Epics, a new feature for Scrum teams that enables them to organise a growing backlog. Epics represent big feature areas that the team will break down into stories and complete over a number of sprints. For full details read the release blog.
Follow our progress and stay in the loop.

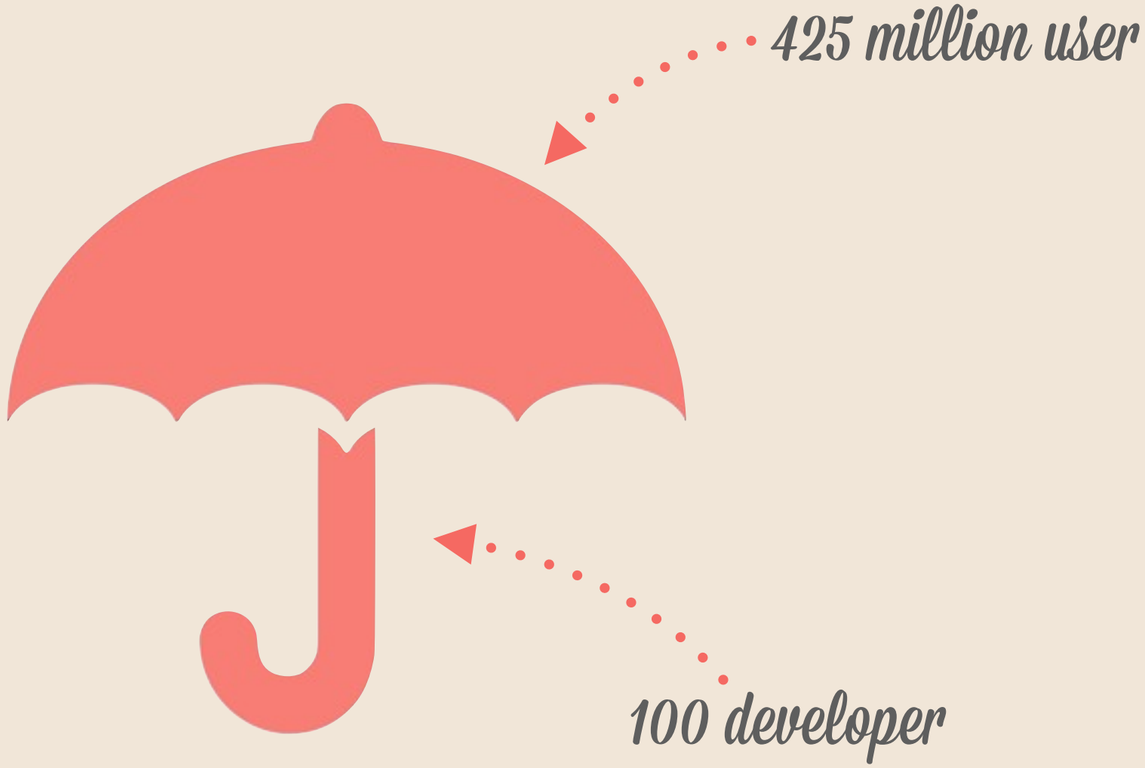
GreenHopper Welcome Video


JIRA
Dashboard
Projects
Issues
Agile
Create issue
GOT FEEDBACK?
quick search
Startseite
Agile
Got Feedback?
Rate the page *
Awesome
Good
Meh!
Bad
Horrible
What do you like? *
Good tools, but this talk doesn't kick ass at all!
What needs to be improved?*
Add more jokes!
Upload a screenshot
Browse
Name
Freddy Eedback
Email
f.eedback@complain.com
Submit
Cancel


JIRA
Dashboard
Projects
Issues
Agile
Create issue
GOT FEEDBACK?
Startseite
Agile
Got Feedback?
Rate the page *
Awesome
Good
Meh!
Bad
Horrible
What do you like? *
Good tools, but this talk doesn't kick ass at all!
What needs to be improved?*
Add more jokes!
Upload a screenshot
Browse
Name
Freddy Eedback
Email
f.eedback@complain.com
Submit
Cancel
Easy to find
Make it simple
Fast to submit

Protect your Developers

The Sh*t umbrella



We're not doing

Everyone On The Front Line

Feedback

Close the Loop

and get pers❤nal

Care about your customers!
Have an effective feedback loop

Keep improving!

One Kick-Ass Team

Different Roles Responsibilities

The Problems

Bottlenecks : Accountability : Scalability

Developer on Test

So the developers are doing all the work?

QA

Qual-i-ty As-sis-tance [kwol-i-tee] [uh-sis-tuh ns]

Quality is everybody's responsibility. QA employees help and train developers to become better tester, testing the more complicated stuff, creating test data, investigating in new test tools and working on test strategies.

6 Tips

for kick-ass DoTing.....

1. Training

2. Pairing

3. Blitz Test

4. Test Recipe*

* advanced doting

5. Split Sessions*

* advanced doting

6. Bug Hunter*

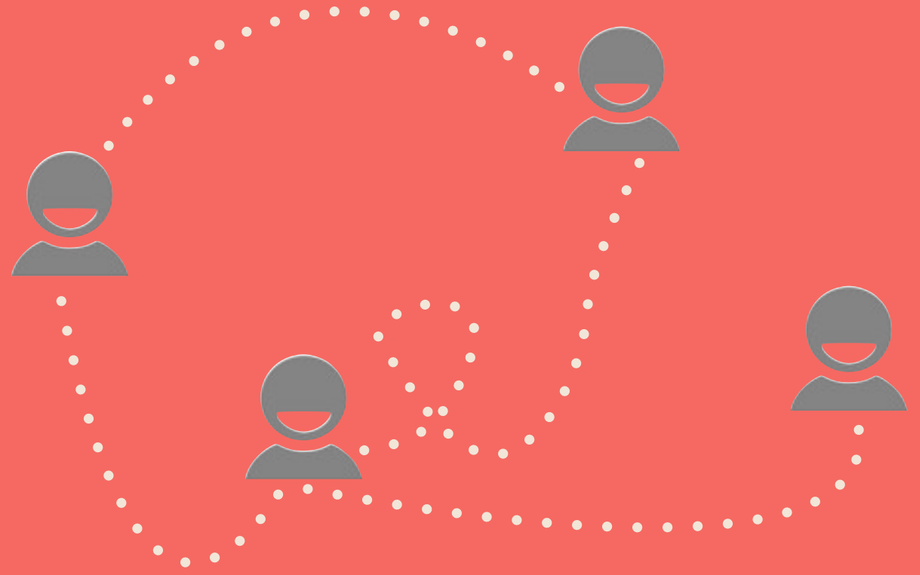
* advanced doting

Quality is everybody's responsibility

Department barriers slows you down!
Work together as **one team!**

Keep improving!

Kick-Ass *Collaboration*



Lonesome Cowboy Coder

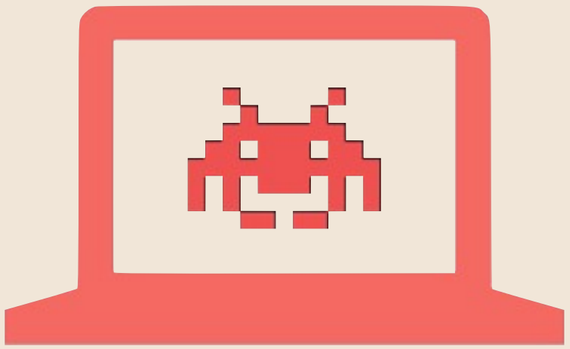
The trouble starts
with the team

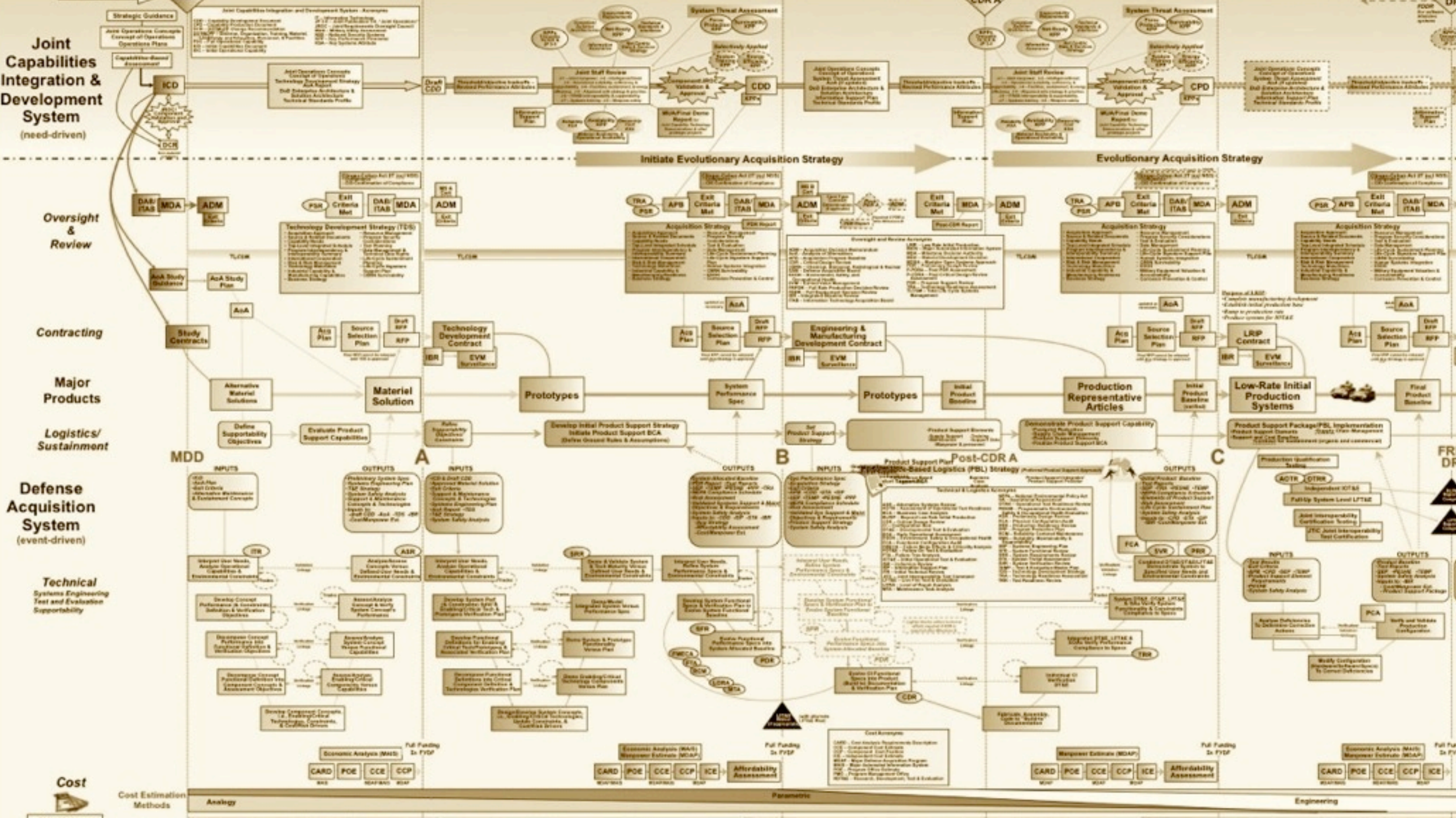
Traffic **Rules**

are protecting us from **accidents**

Development **Rules**

are protecting us from **making mistakes**




Joint Capabilities Integration & Development System
(need-driven)
Defense Acquisition System
(event-driven)
Oversight & Review
Contracting
Major Products
Logistics/ Sustainment
Technical
Systems Engineering
Test and Evaluation
Supportability
Cost
Cost Estimation Methods
Analogy
Parametric
Engineering
Initiate Evolutionary Acquisition Strategy
Evolutionary Acquisition Strategy
MDD
A
B
Post-CDR A
C
ICD
CDD
CPD
Study Contracts
Technology Development Contract
Engineering & Manufacturing Development Contract
LRIP Contract
Materiel Solution
Prototypes
Production Representative Articles
Low-Rate Initial Production Systems
Affordability Assessment

BRANCH

PULL

MERGE

A branch

for every task

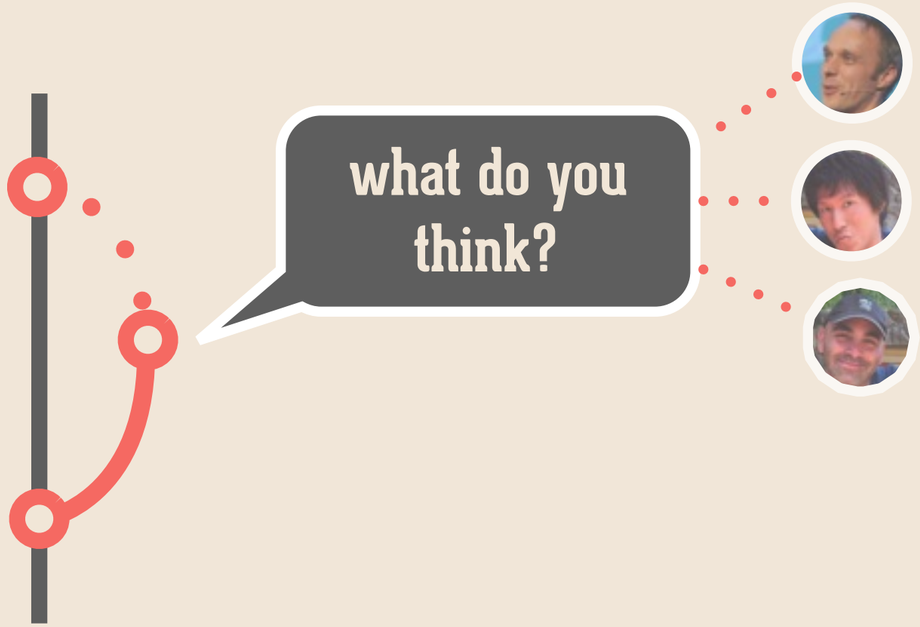
Branches

have short lives

average 2 days

we use

Pull Requests



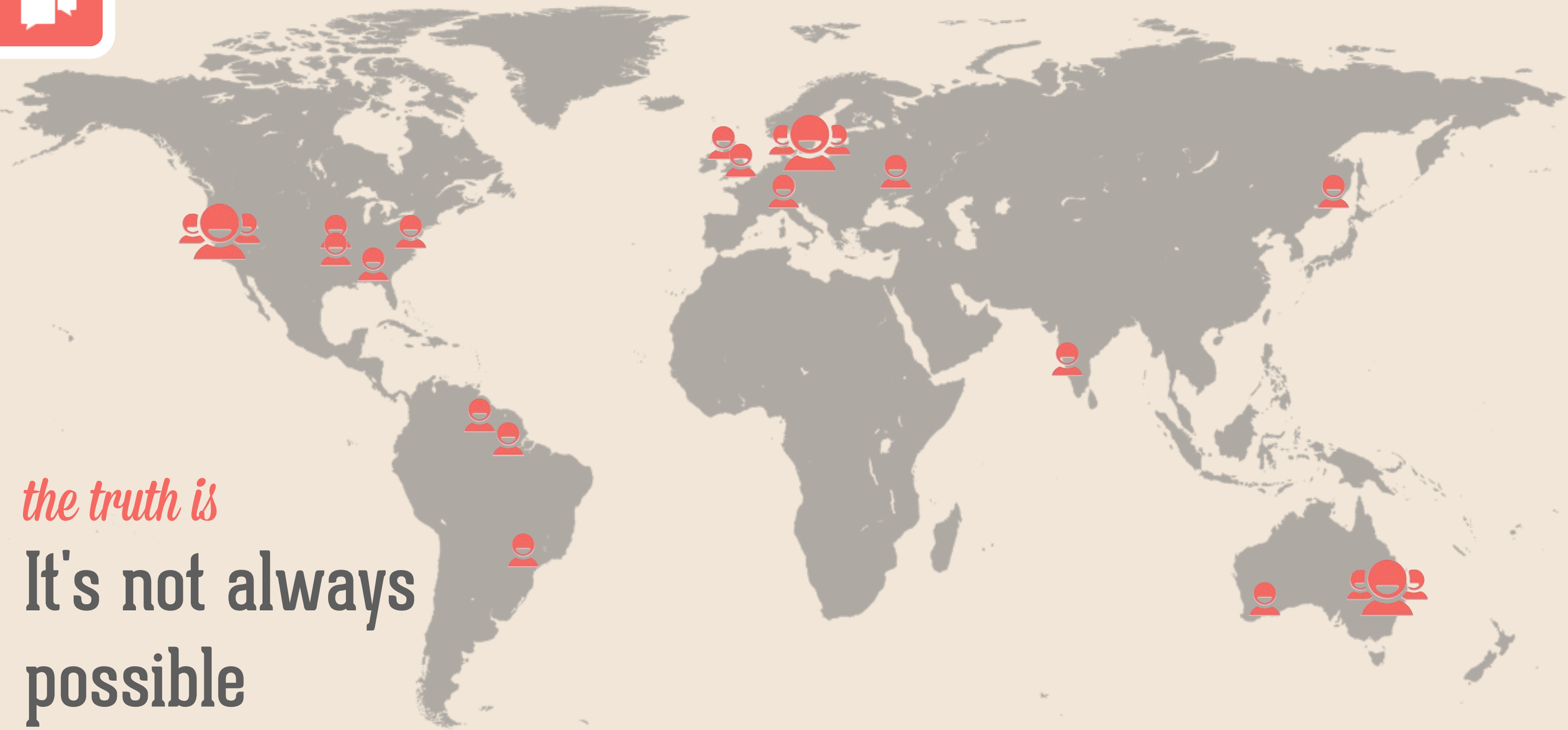
feel better
better quality
blame
learn
ANDY
JULIE
STEVE
LYNNE
Why do you want to discuss your code changes?

fast approvals 2+

moving fast

we prefer

Collocated Teams



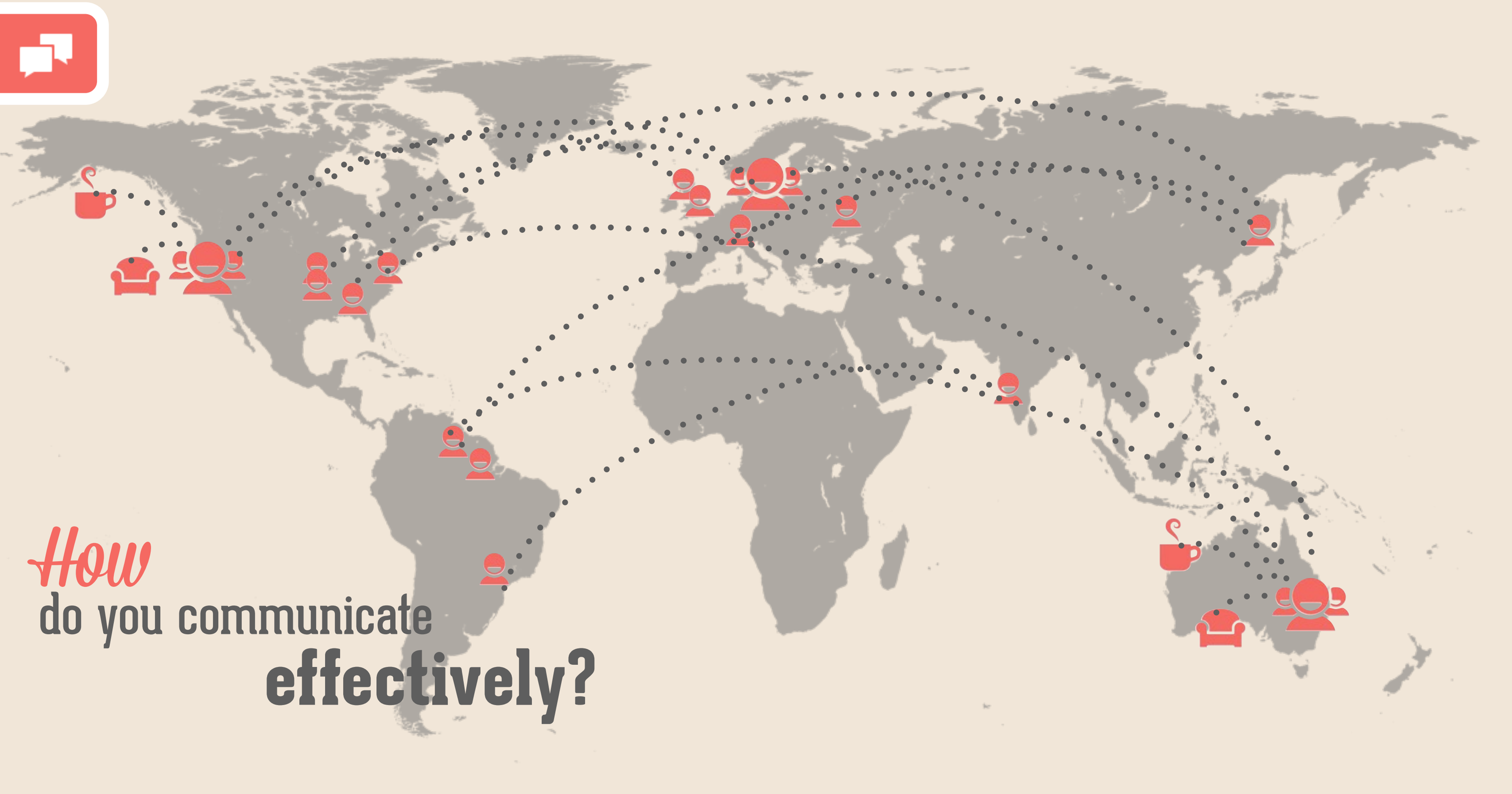
the truth is

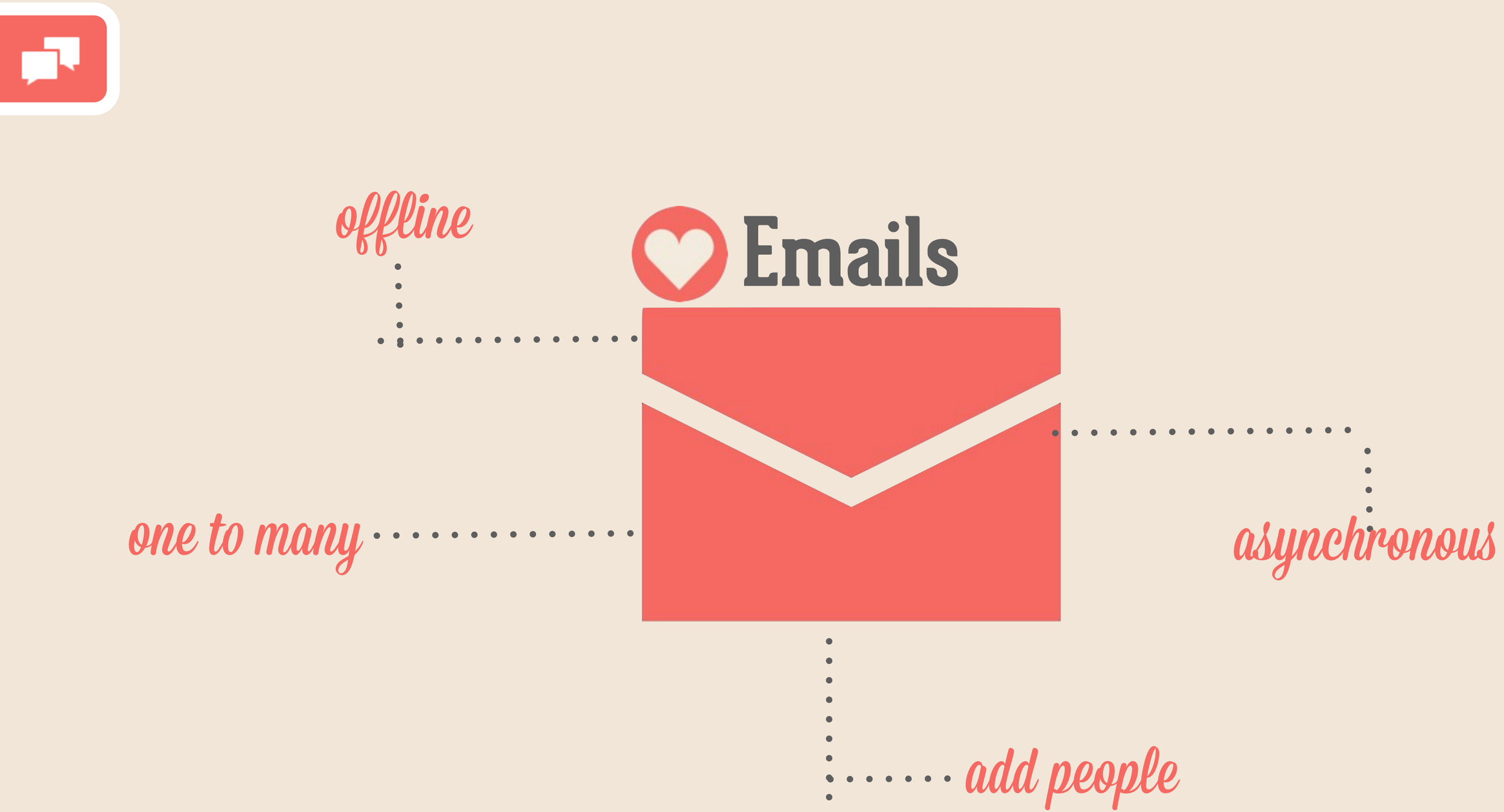
It's not always possible

Where do you work best?

it depends

- ...in the office?
- ...in the coffee bar next door?
- ...on your couch at home?


How
do you communicate
effectively?

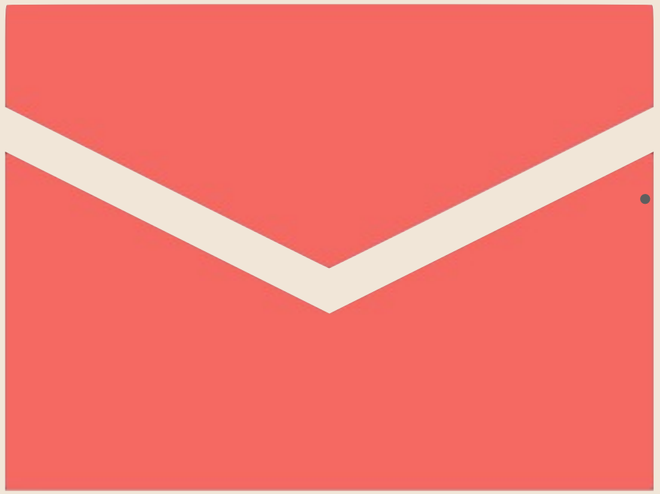

offline
Emails
one to many
asynchronous
add people

Are you crazy?

too much

Problems

Emails



are bad for conversations

lots of spam

often too long

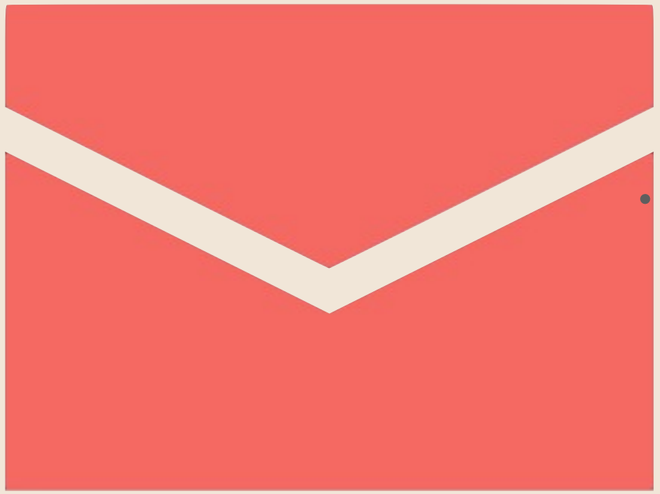
needs an action

Problems

~~Emails~~

are bad for conversations

lots of spam



often too long

needs an action

Who uses ?

Confluence Developer

Design Team

Enterprise Discussions

Beer Drinkers

Just the conversations you need to **kick ass**

is great for **remote** conversations

...and local!

People can stay in the **zone**

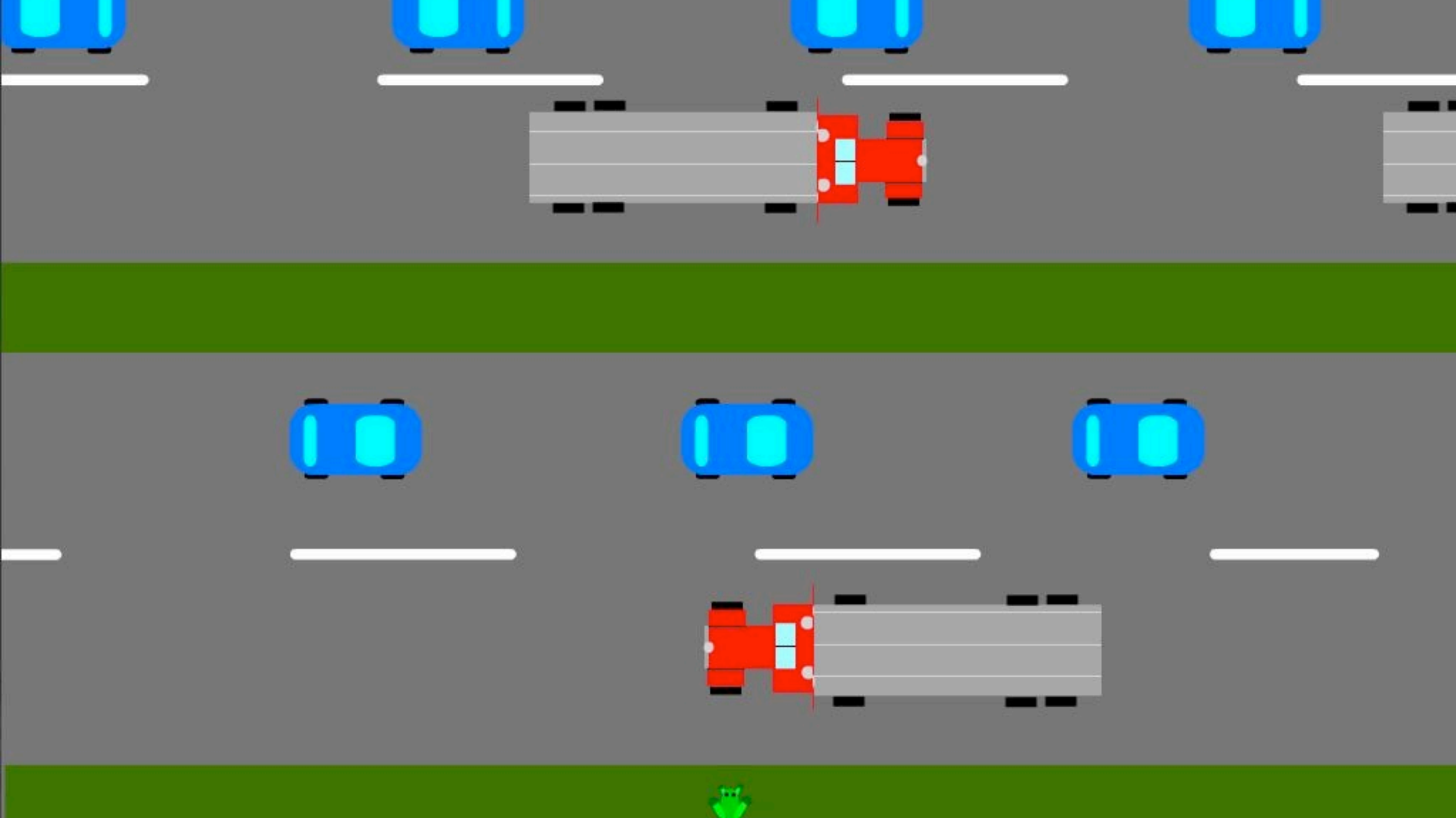
is great for **different** timezones

The chat records all **conversations** that happened during the **night**

can **pull** people into the conversation

with ease

Just @mention someone



We built portals!
03
Camera
TV
Mac mini

Remove collaboration **friction.**
Easy workflows -> fast development

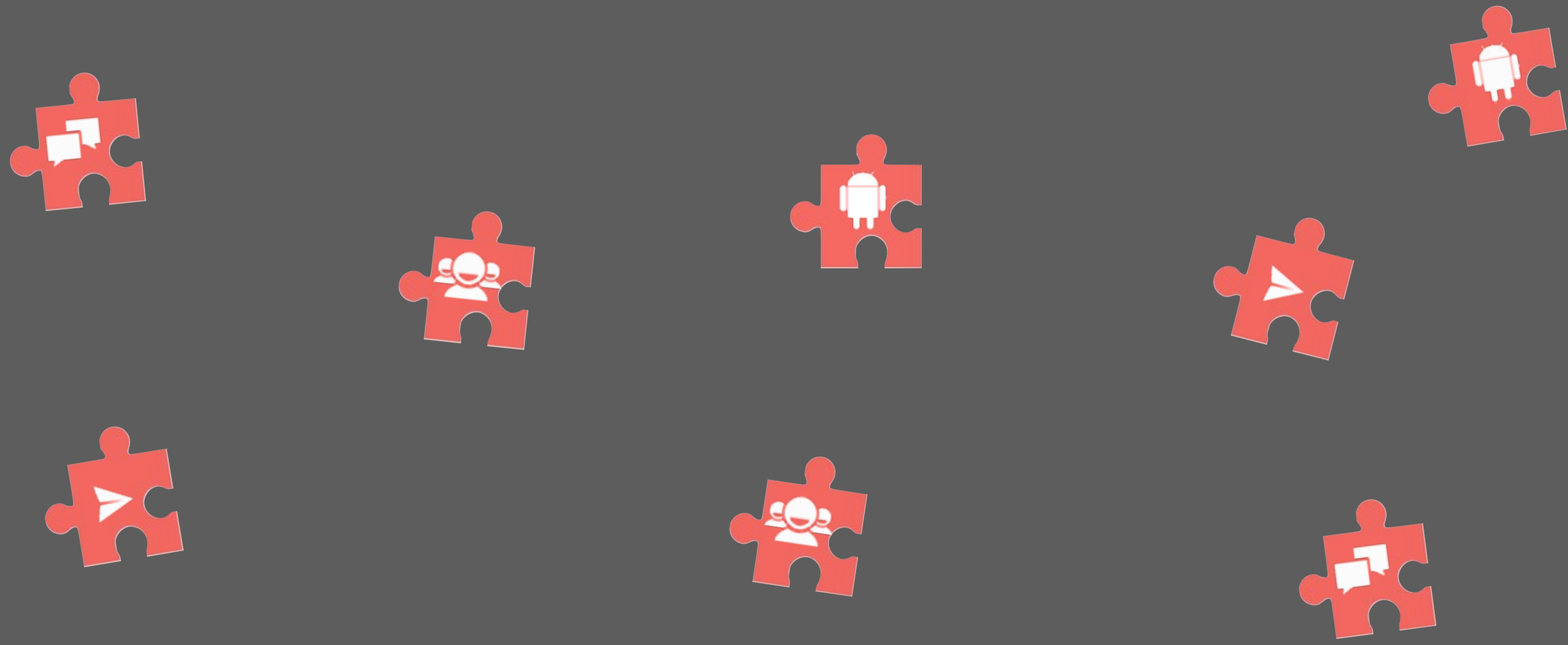
Keep improving!

Deliver Kick-Ass Software

One Kick-Ass Team

Kick-Ass Collaboration

Kick-Ass Software Development



Is

Agile

dead?

Be excellent
in everything you do
82

Build a kick-ass culture

Step out of your comfort zone
and be more awesome

Did you kick ass today?

svenpet.com/talks

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