



The Road to Observability Everywhere

David Gohberg





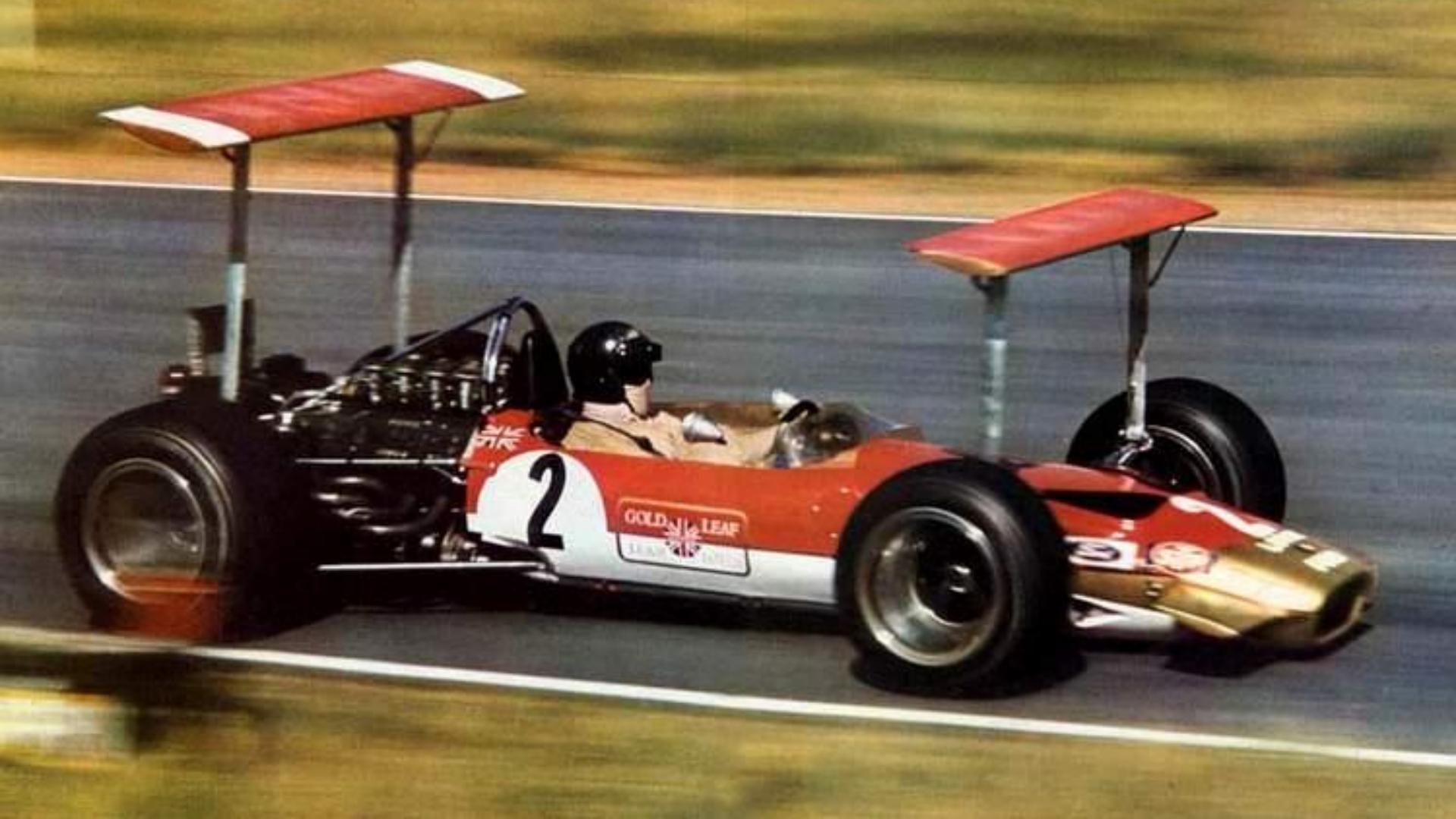
The Road to Observability Everywhere

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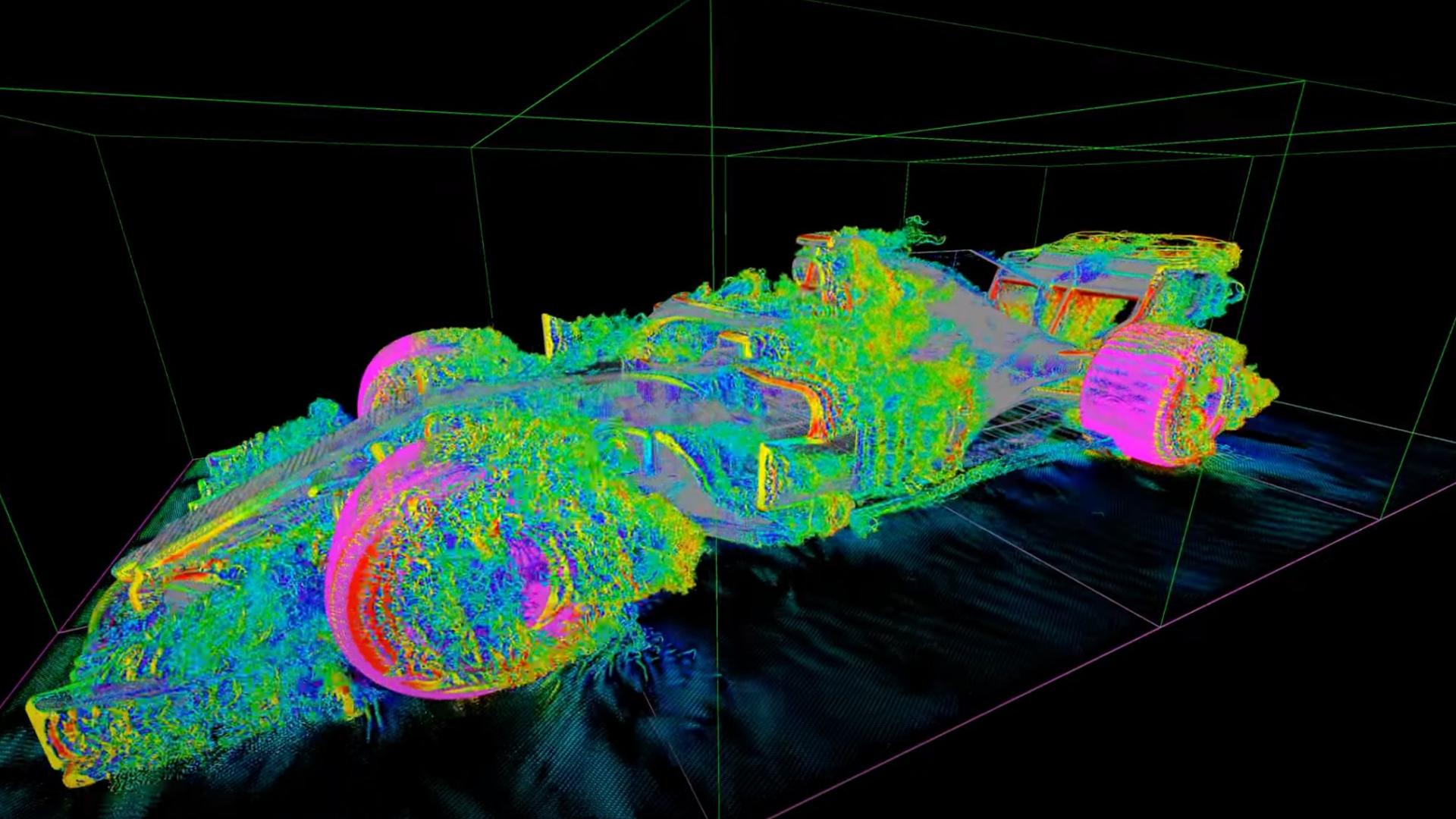




Source: Ren-Haur Liu







**Why am I telling
you this?**

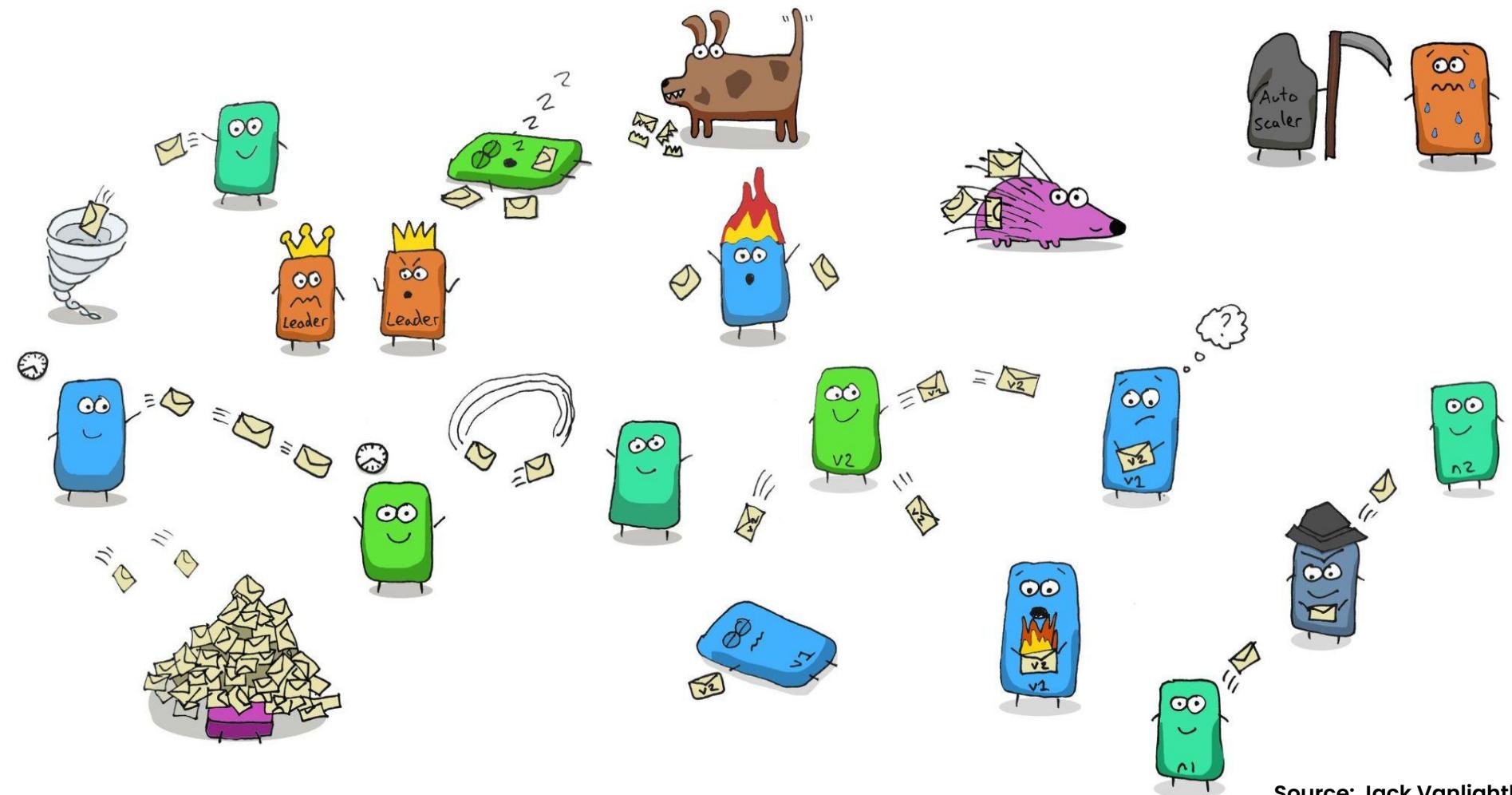


Feedback loop

Weeks → Hours



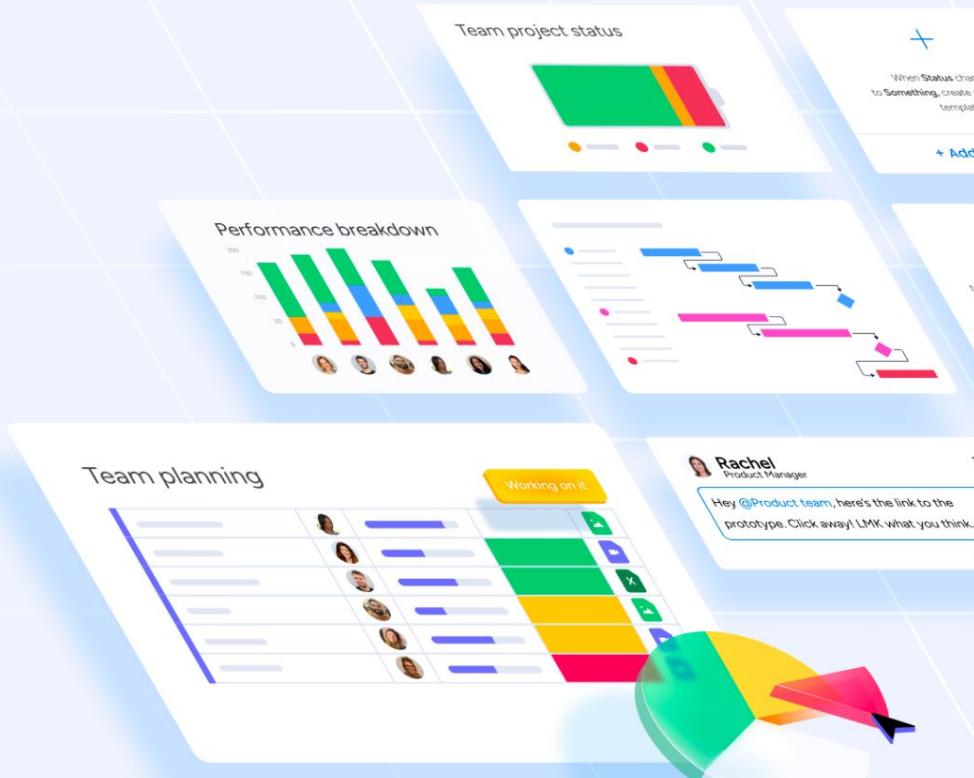




Source: Jack Vanlightly



Work Management Platform





Customer Relationship Management





Contacts ▾

[Main Table](#)[Cards](#)[New contact](#)[Search](#)[Person](#)[Filter](#)[Group by](#)

▼ Primary Contacts

<input type="checkbox"/>	Contact	Accounts	ⓘ	Priority	Phone	Email
<input type="checkbox"/>	Phoenix Levy	HSBF		High	+1 325 478 5698	Phoenix@email.com
<input type="checkbox"/>	Madison Doyle	Bindeer Inc.		High	+1 854 722 0499	Madison@email.com
<input type="checkbox"/>	Leilani Krause	Pear inc		Medium	+1 312 563 2541	Leilani@email.com
<input type="checkbox"/>	+ Add contact					



Contacts ▾

[Main Table](#)[Cards](#)[New contact](#)[Search](#)[Person](#)[Filter](#)[Group by](#)

▼ Primary Contacts

	Contact	Accounts	Priority	Phone	Email
<input type="checkbox"/>	Phoenix Levy	HSBF	High	+1 325 478 5698	Phoenix@email.com
<input type="checkbox"/>	Madison Doyle	Bindeer Inc.	High	+1 854 722 0499	Madison@email.com
<input type="checkbox"/>	Leilani Krause	Pear inc	Medium	+1 312 563 2541	Leilani@email.com
<input type="checkbox"/>	+ Add contact				



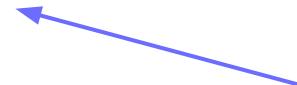
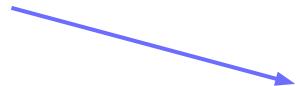
**How we as engineers
achieve this level of
confidence?**



Change contact priority
to 'High'



OK, bye 🖐

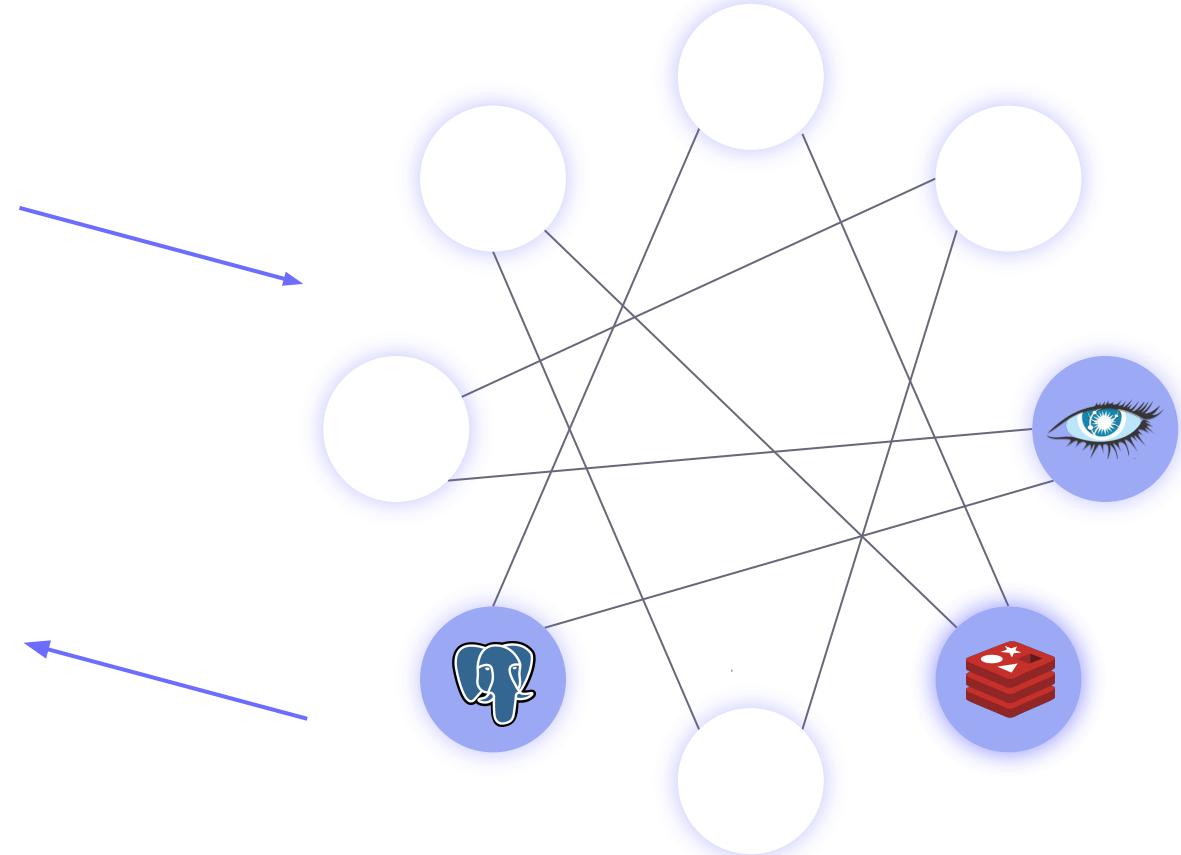




Change contact priority
to 'High'



OK, bye 🖐



1k

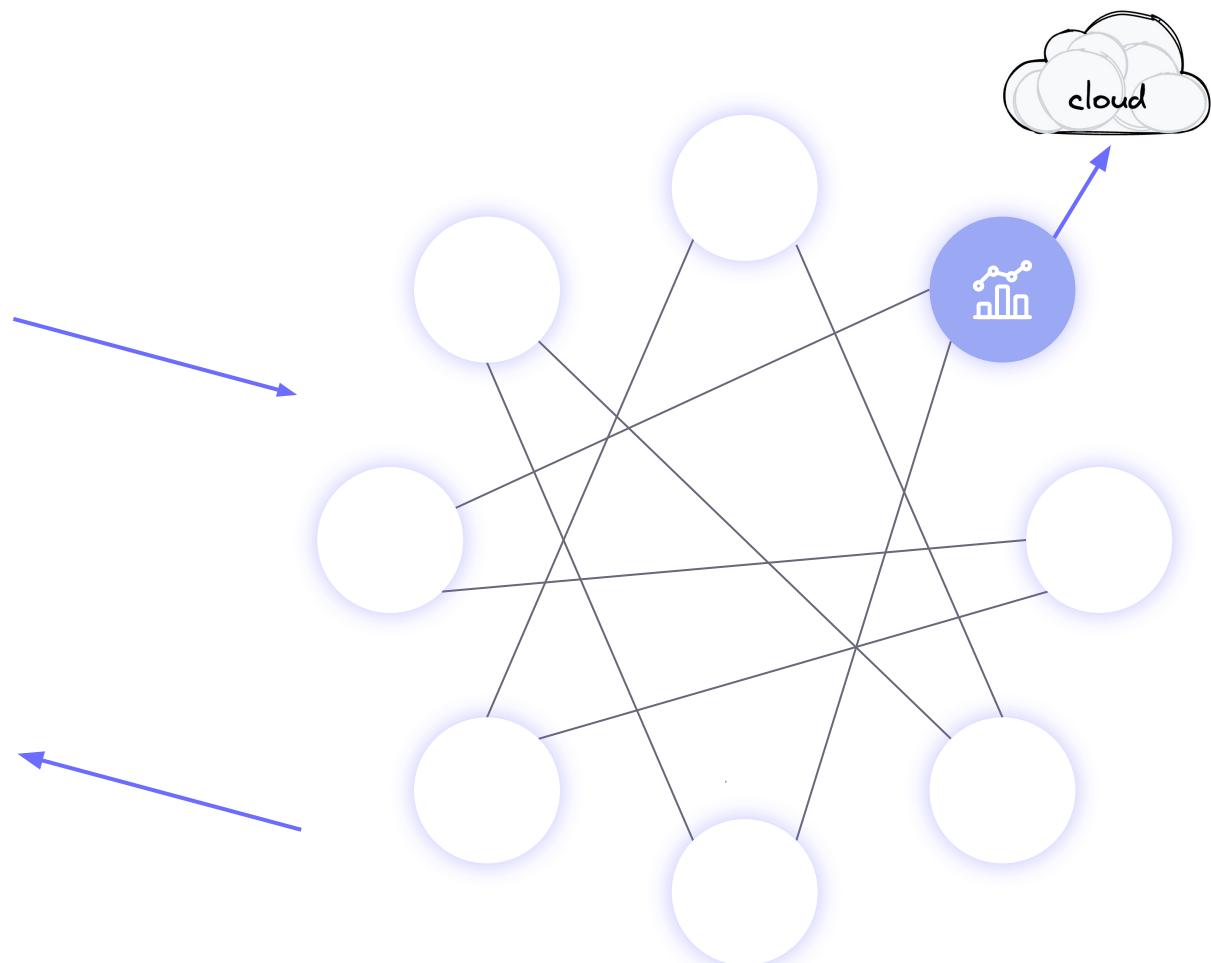
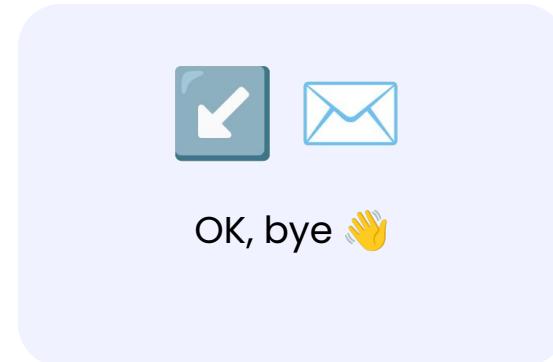
100k

1M

Little
Optimization

Moderate
Optimization

**Highly
Optimize
d**

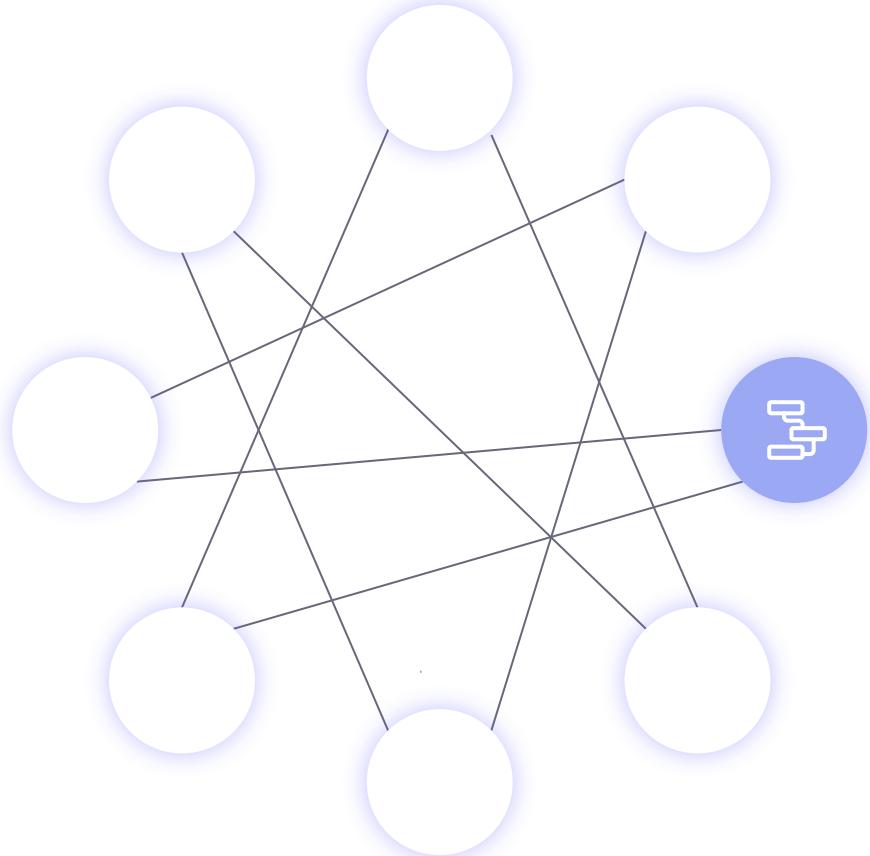




Change contact priority
to 'High'



OK, bye 🖐

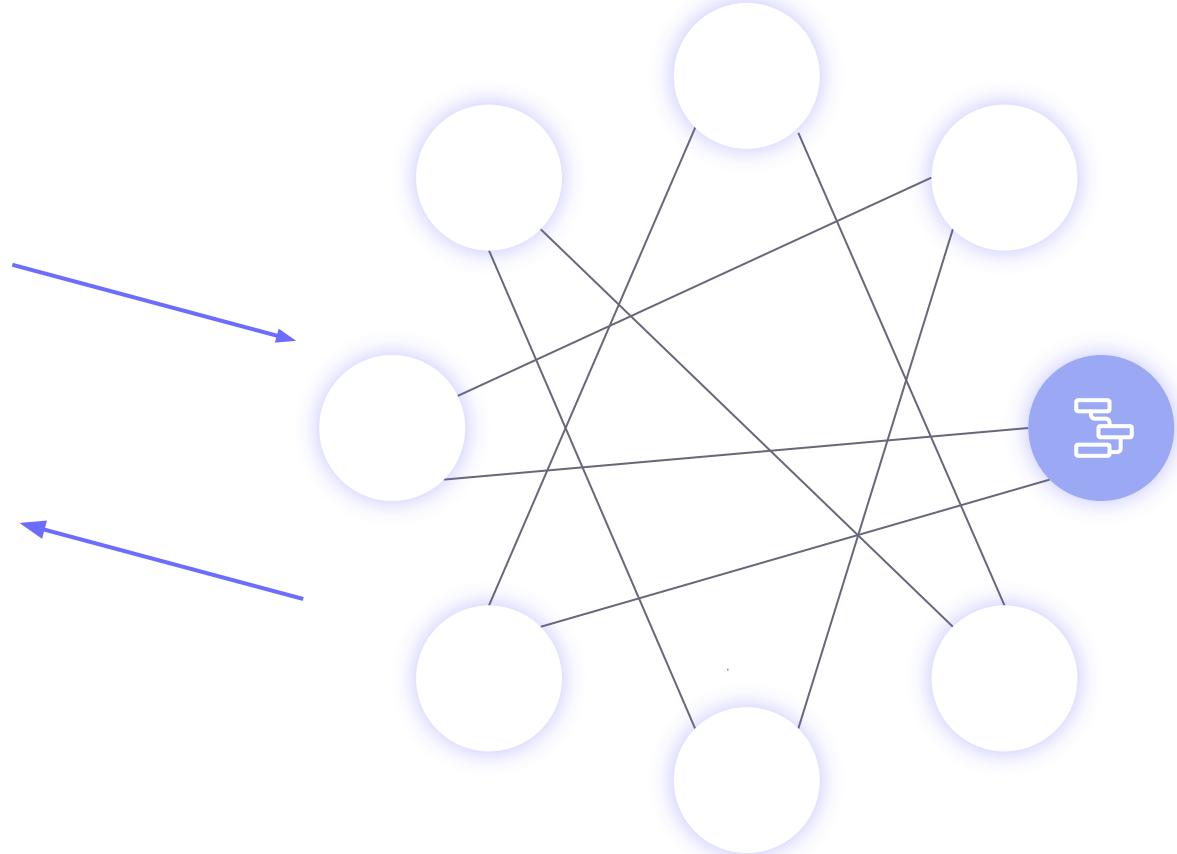


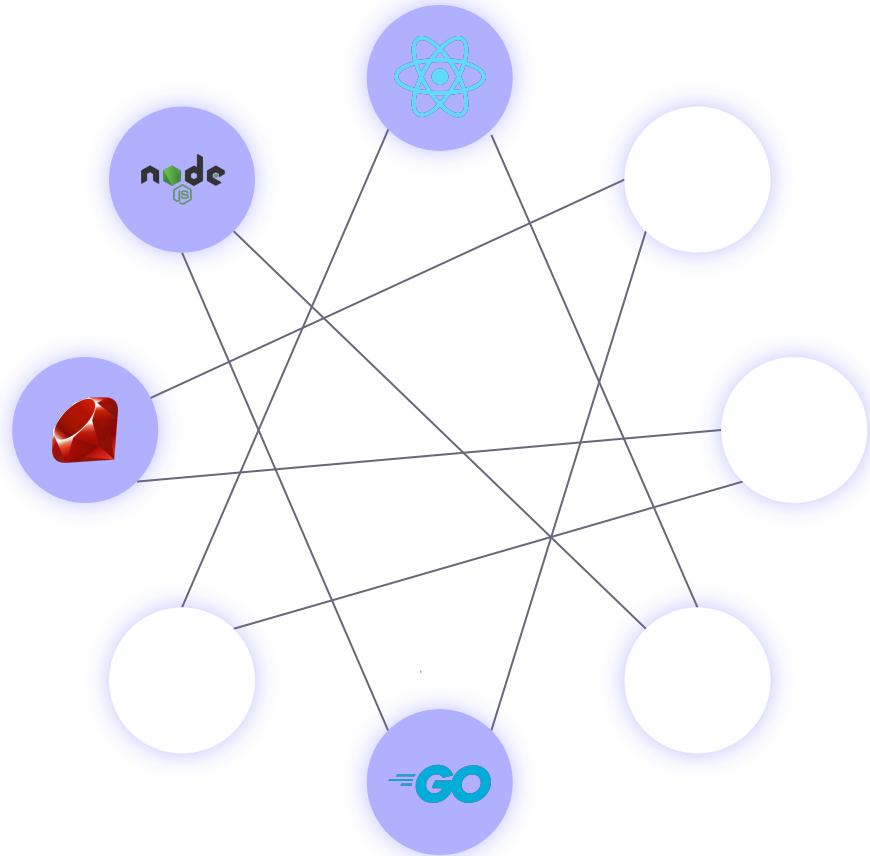
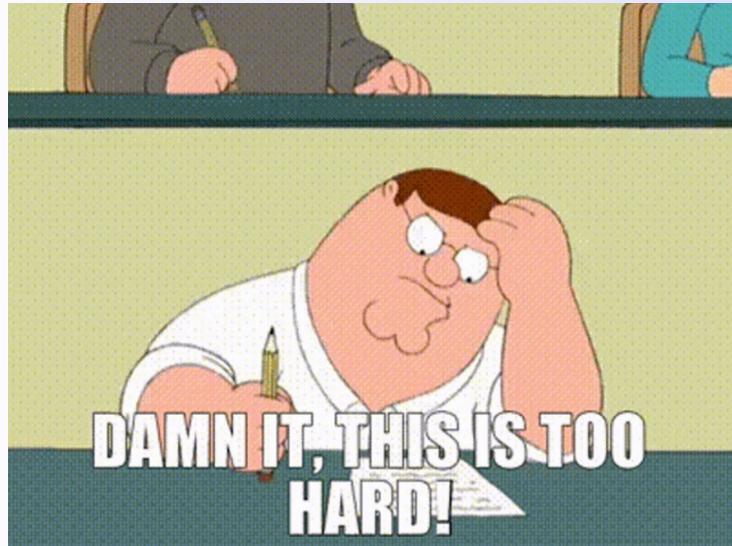
When Priority changes



Then notify David Gohberg

Create automation

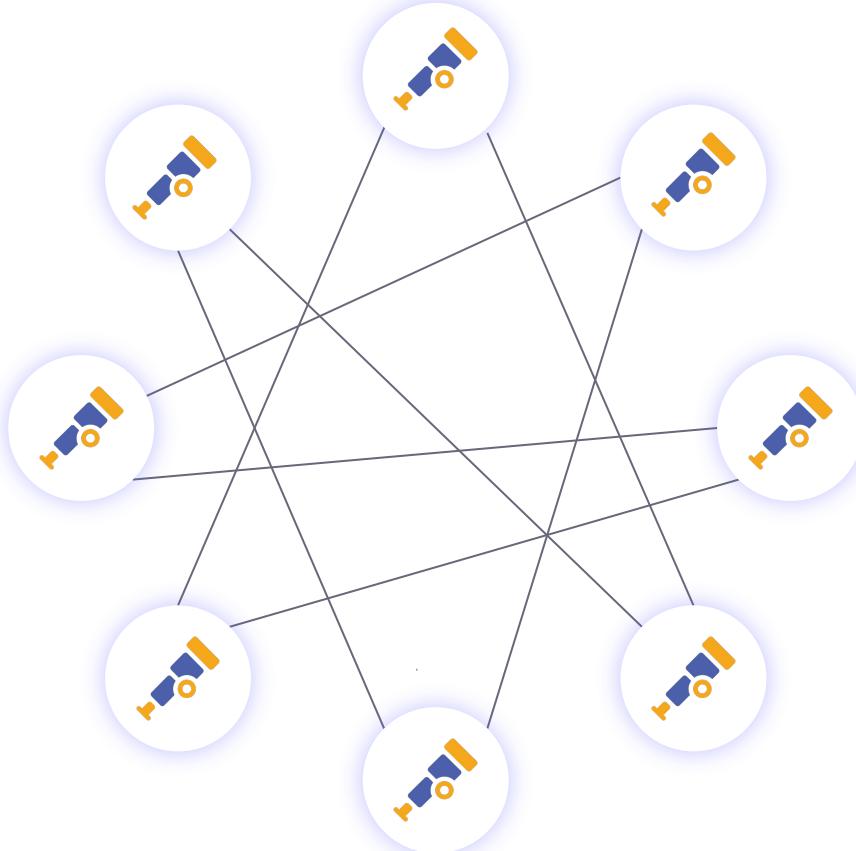


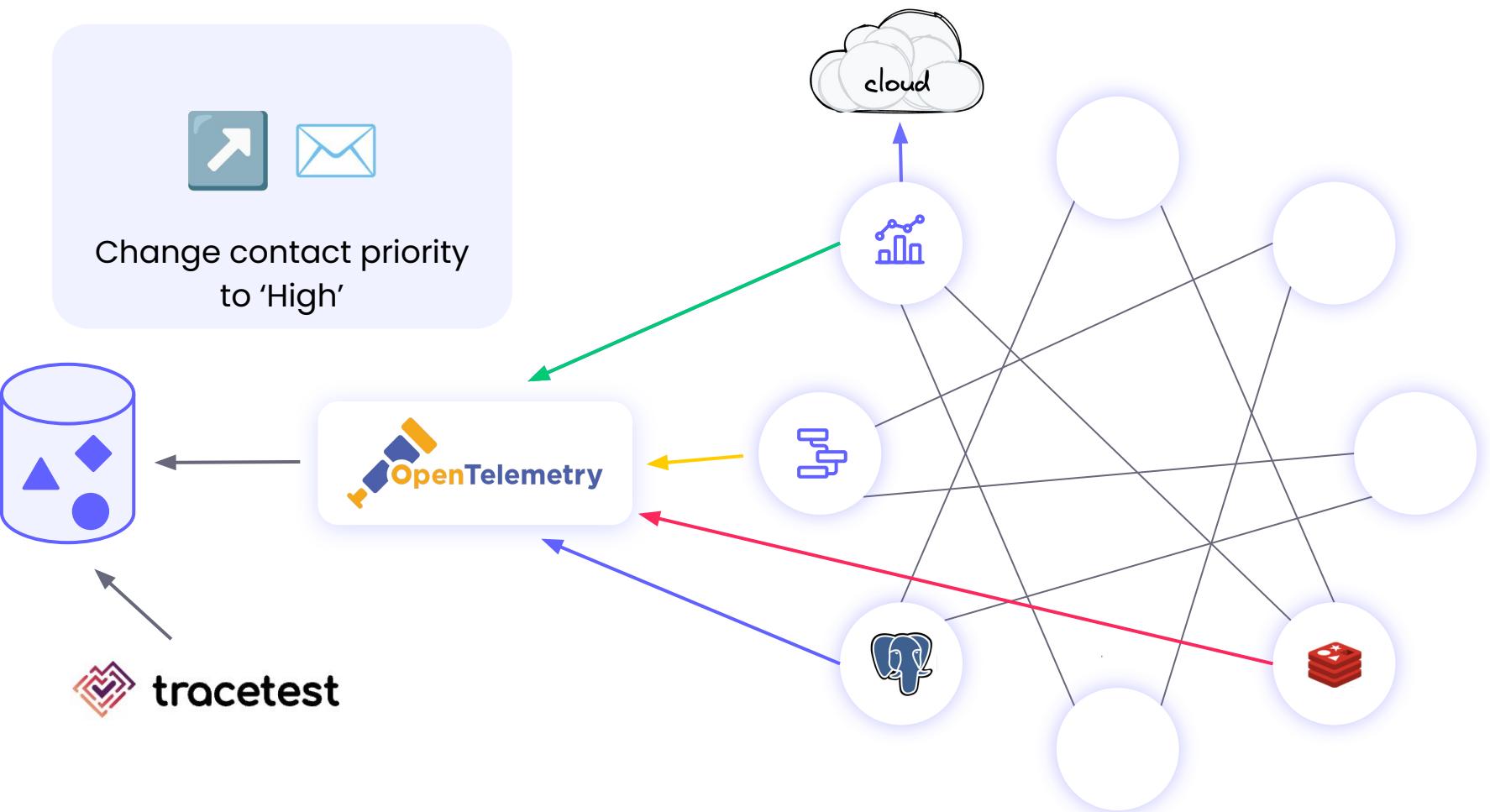


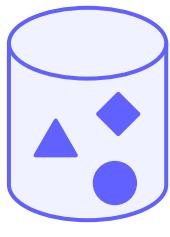
I WISH THERE
WAS A UNIVERSAL WAY
TO KNOW WHAT IS
GOING ON INSIDE MY SYSTEM



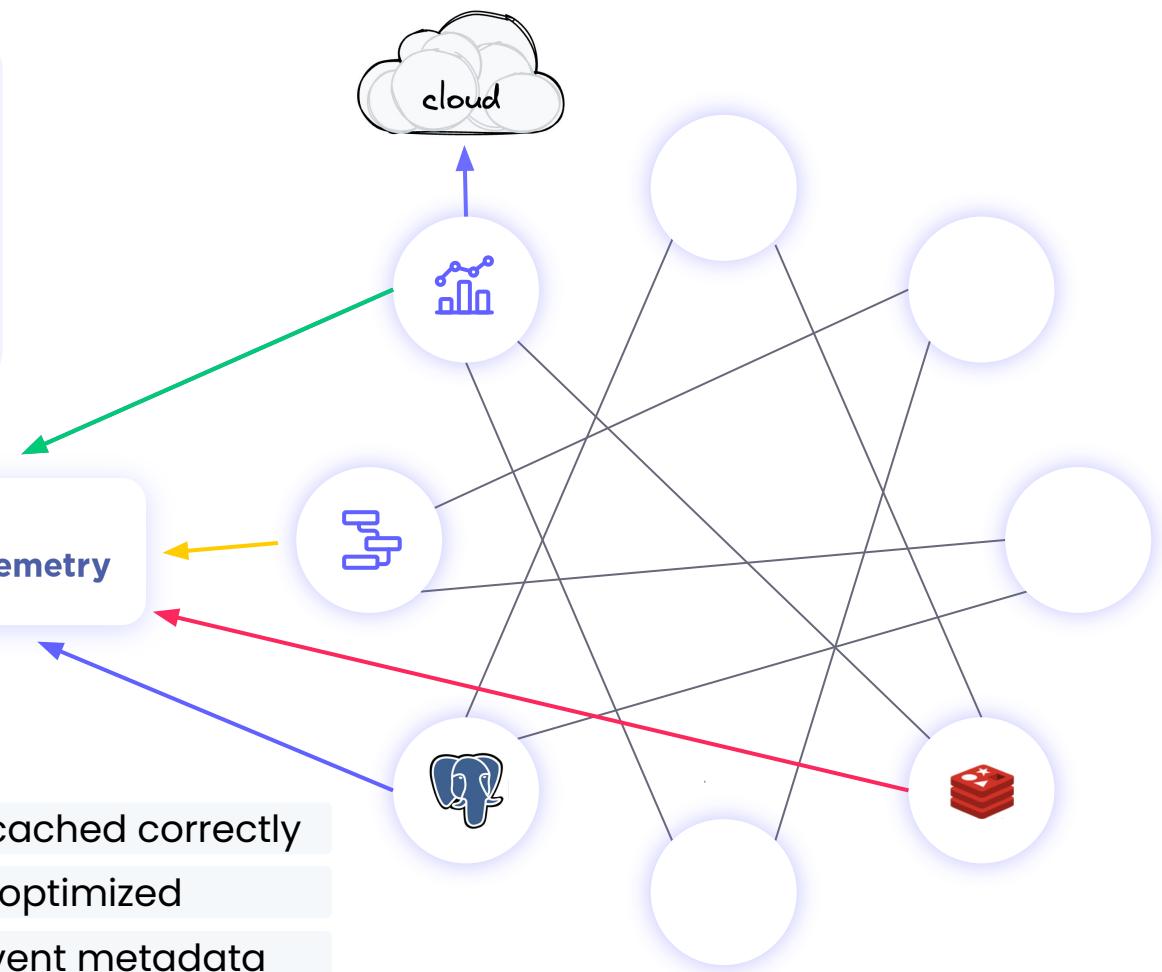
OTEL



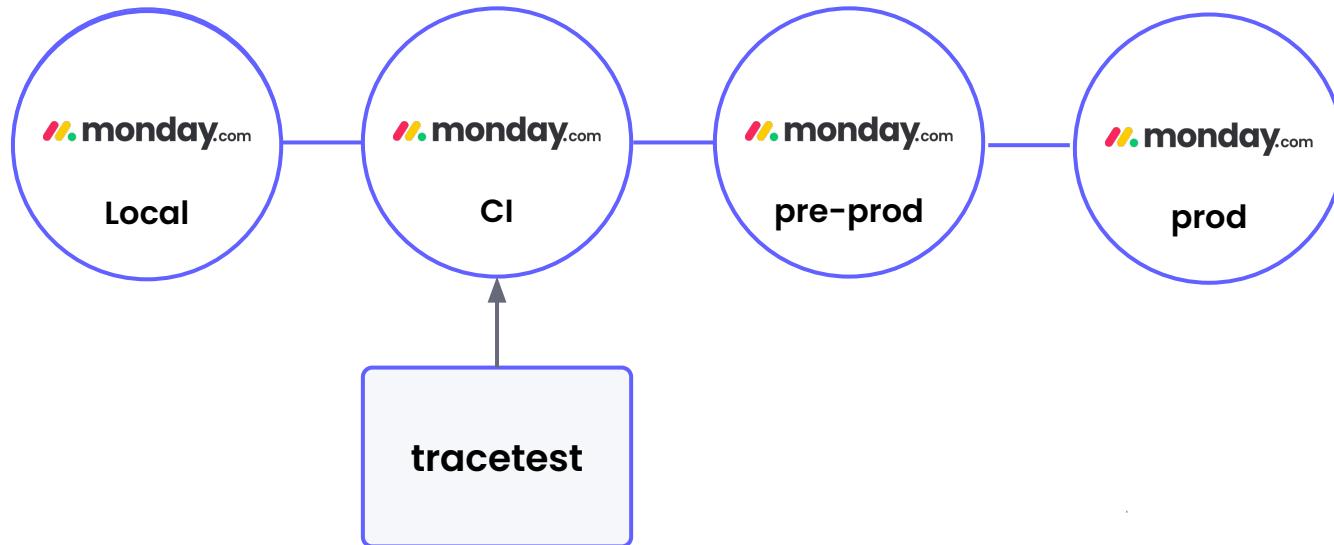




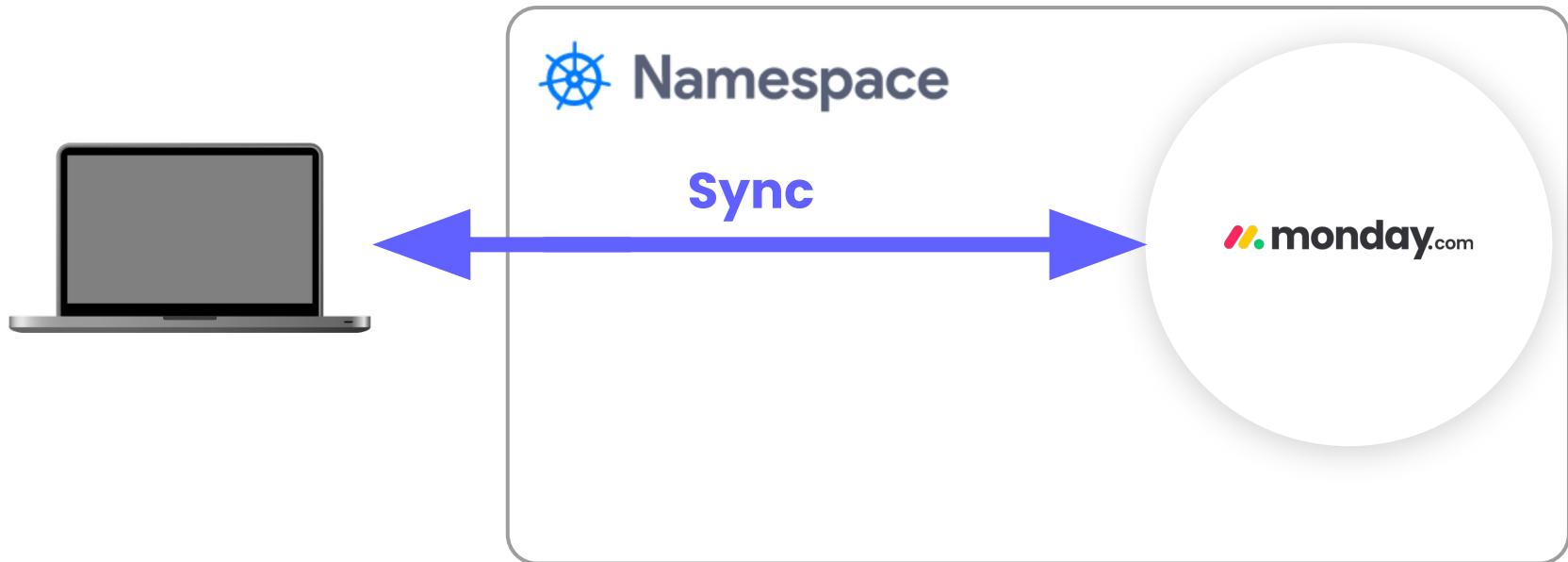
Cache Span	✓ Value was cached correctly
DB Span	✓ DB query is optimized
Analytics Span	✓ Analytics event metadata
Consumer Span	✓ IFTTT consumer successful



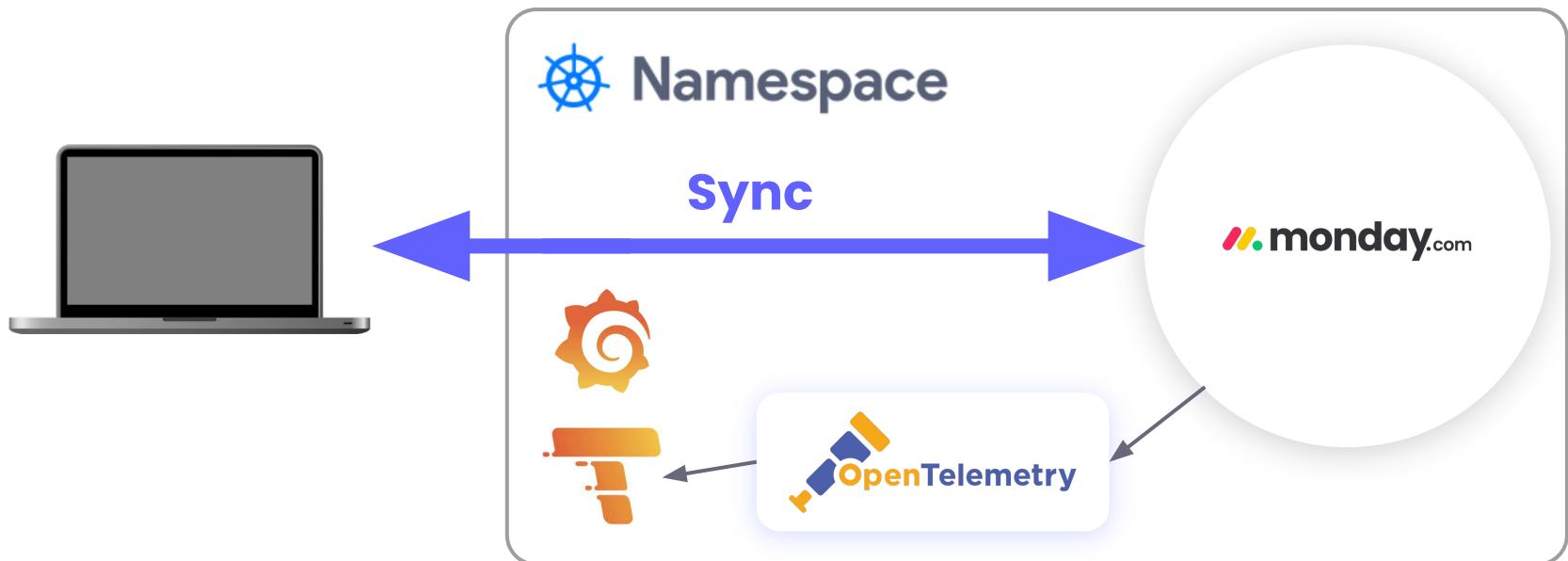
Road so far



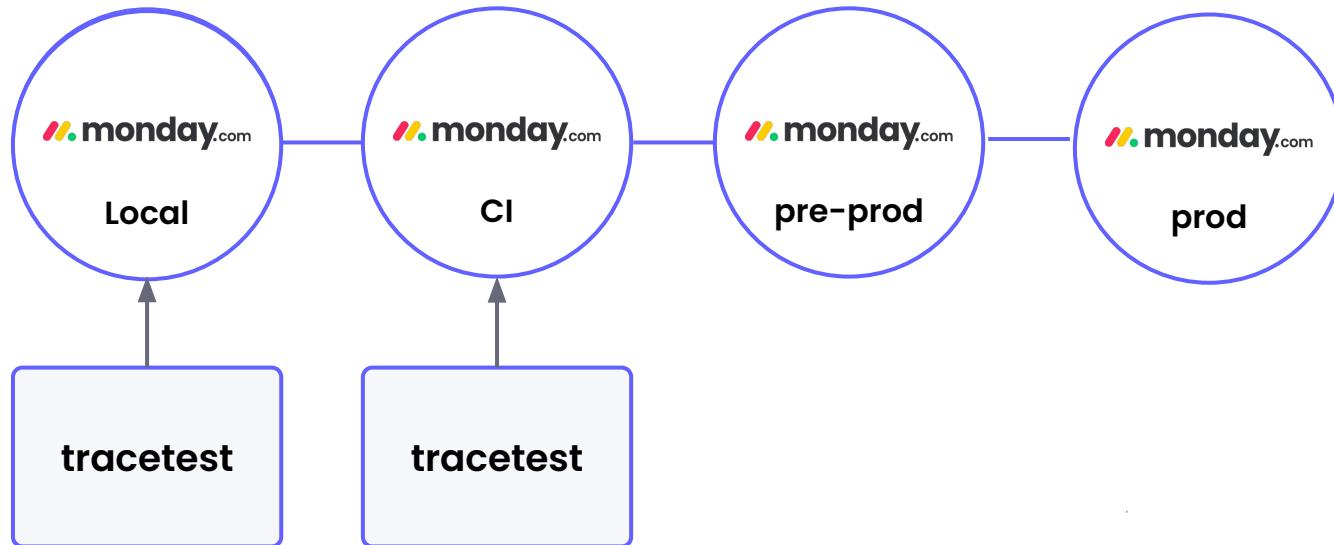
Development Environments



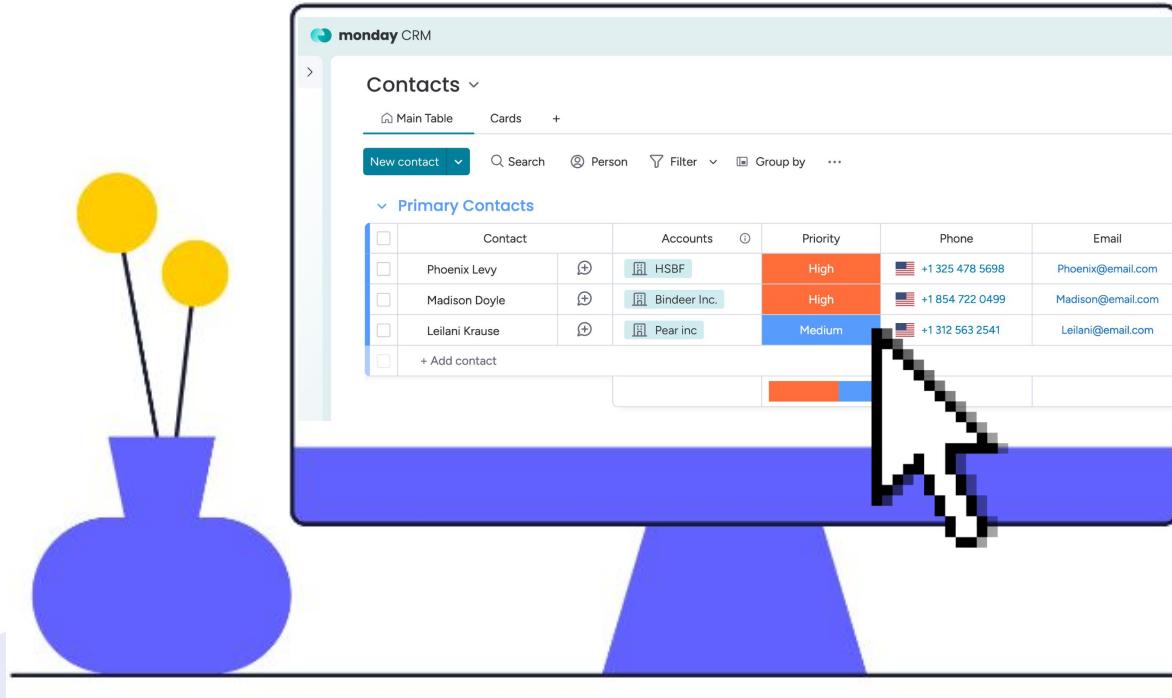
Development Environments with local tracing



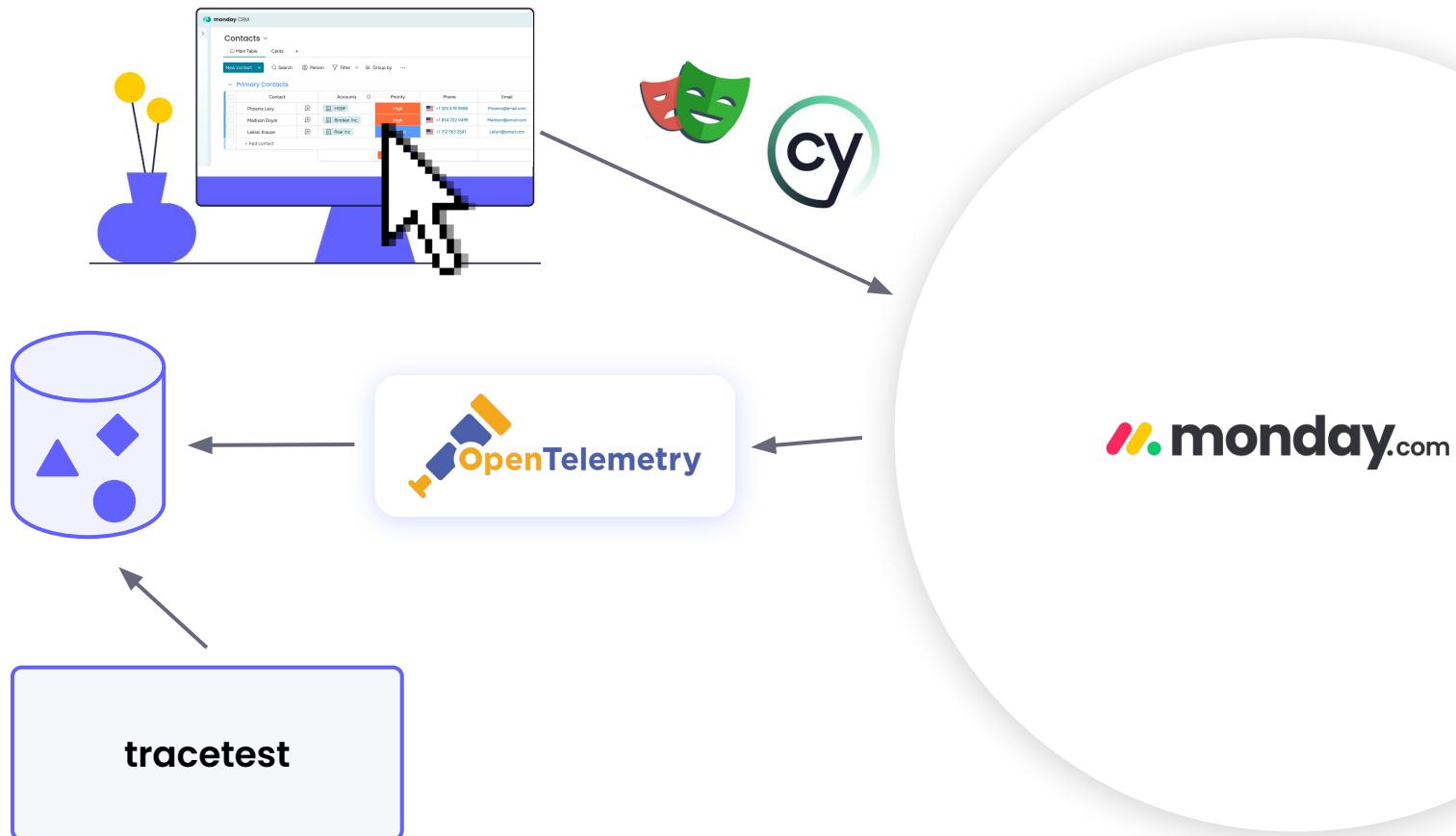
Road so far



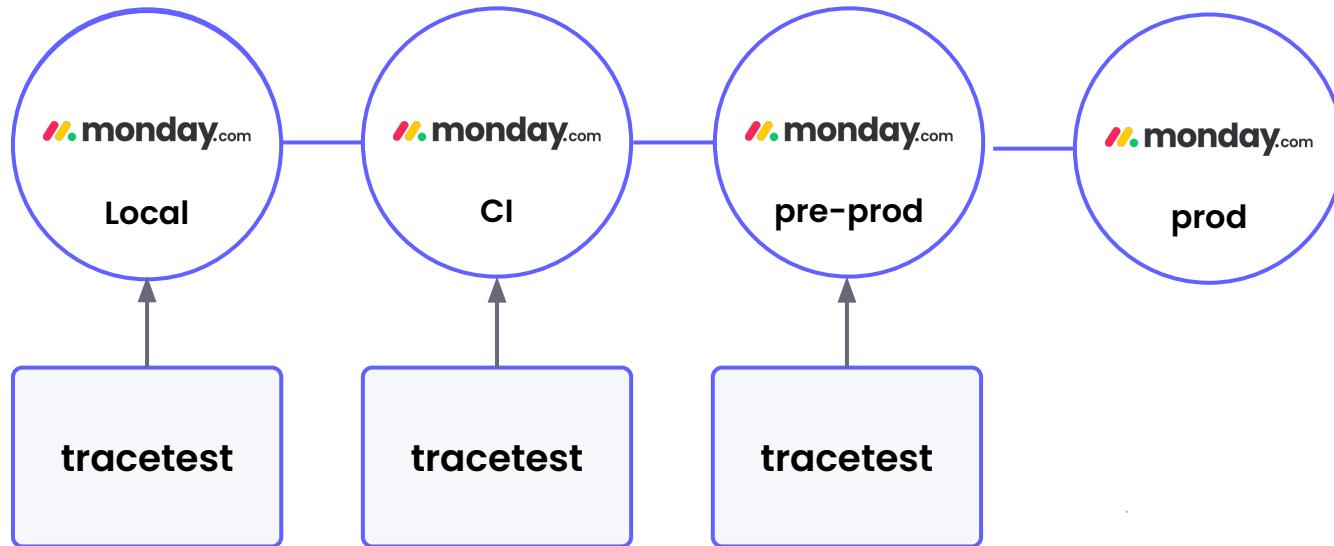
E2E then



E2E now



Road so far





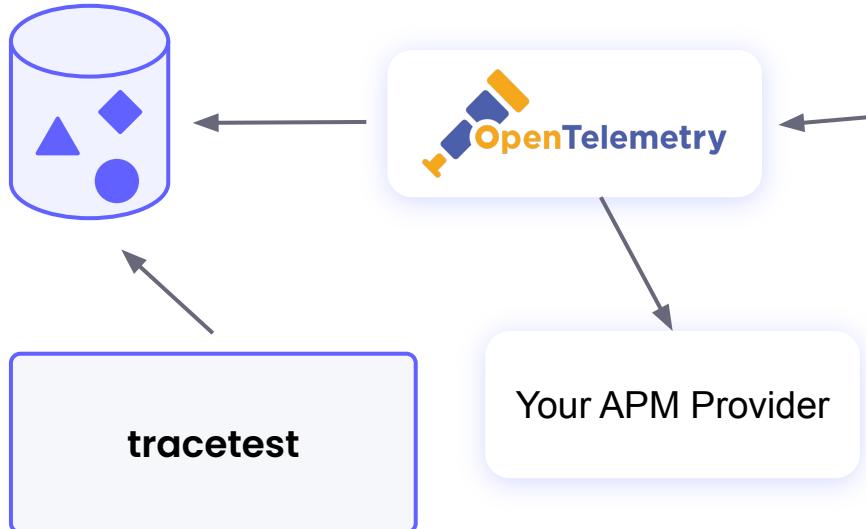
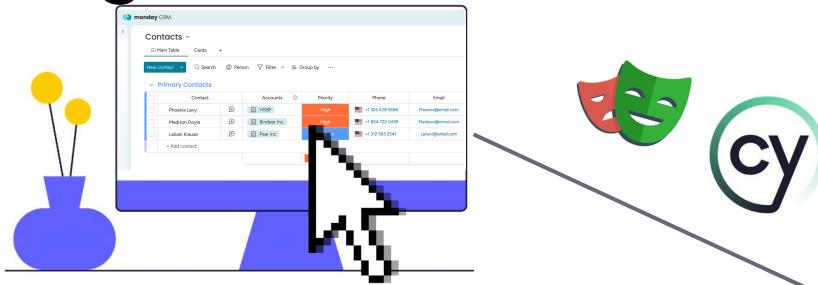


DEV ENV



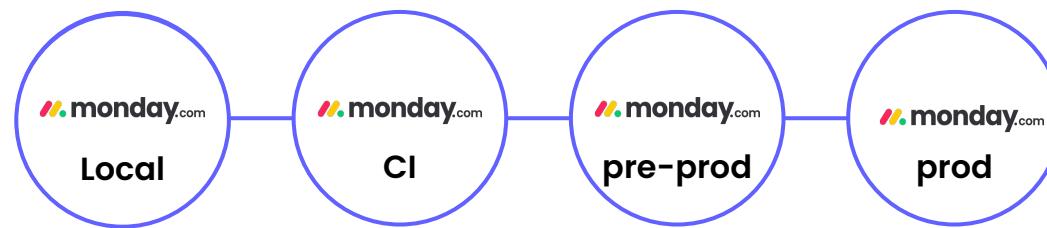
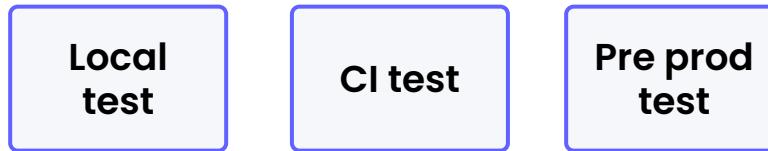
PRODUCTION

Production testing



monday.com

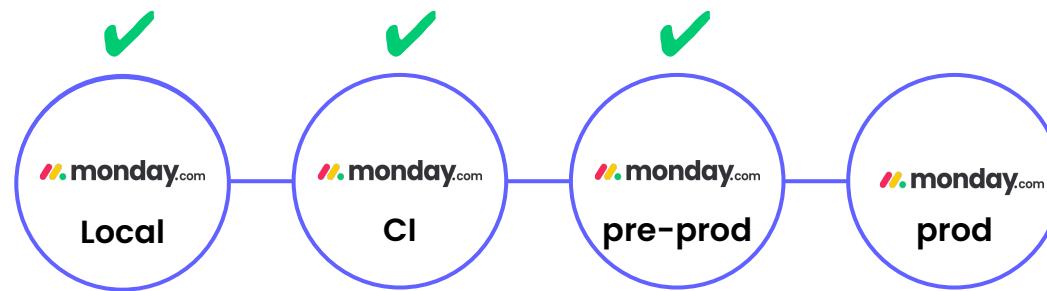
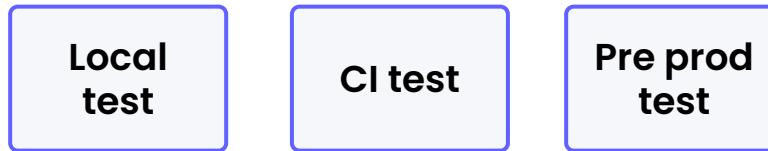
Before



After



Before

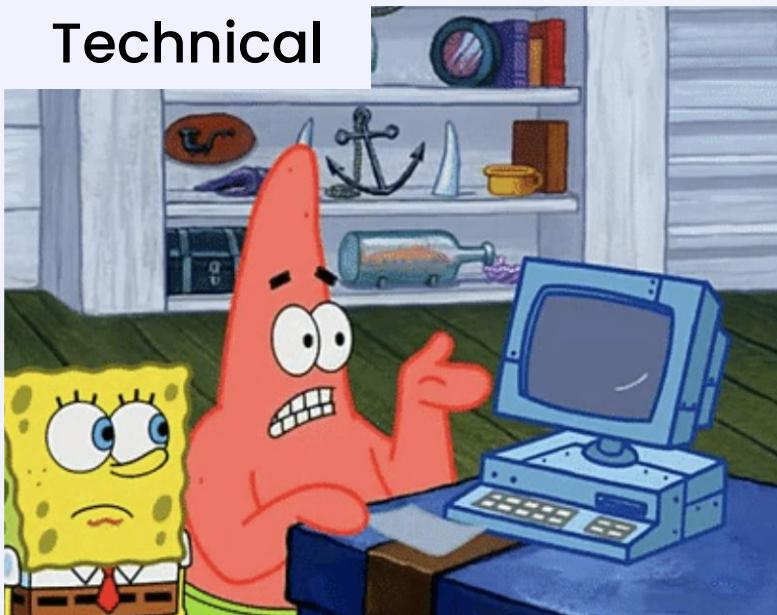


After



Things to consider

Technical



Mental



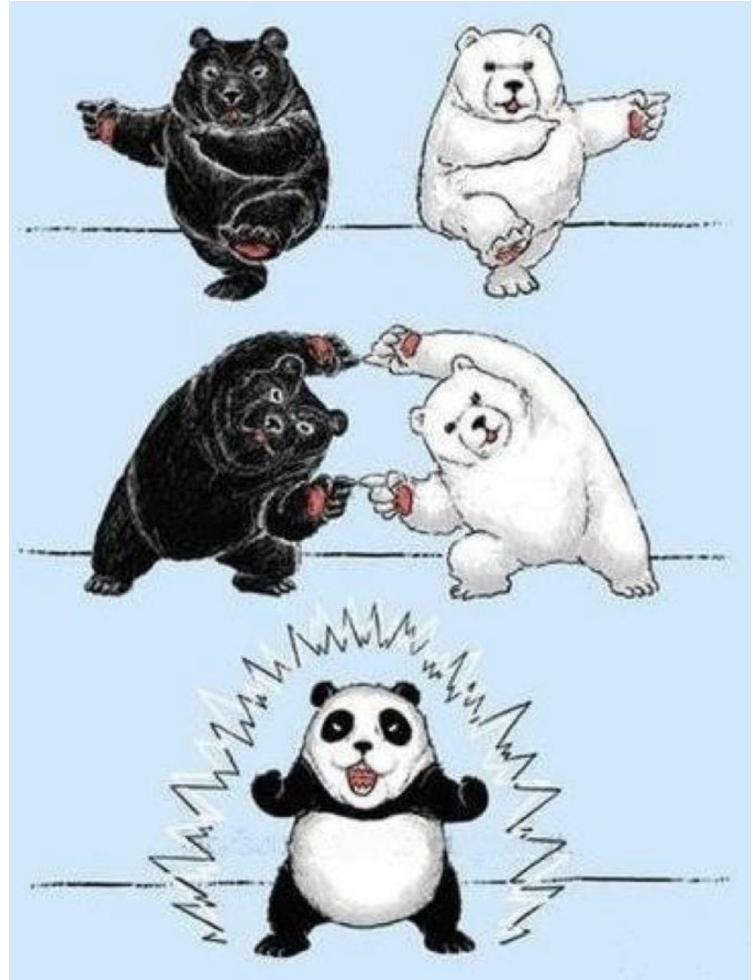
Tracing in development is a must



**Your tests are
as good as your
instrumentation**



**Trace testing
is an exercise in
olly-driven
development**



Thank you

