

# ISTANBUL SOFTWARE TESTING CONFERENCE

---



#ISTC2026

# FEEDBACK AS FERTILISER

**From Sh\*t to Quality  
through AI and Knowledge Automation**

May 22, 2026

Anais van Asselt

**#ISTC2026**

# Meanwhile at Choco

~50%

of bug reports were NOT  
actual defects

## What were they?

- Product misunderstandings
- Known limitations
- Expected behaviour
- Feature requests

**What if people could get  
answers before filing a bug?**



**Cerrado**



**Pantanal**



**Amazon**

# The Cerrado

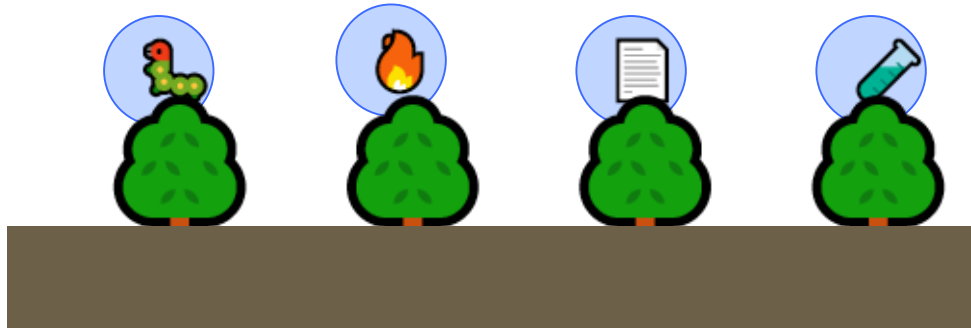


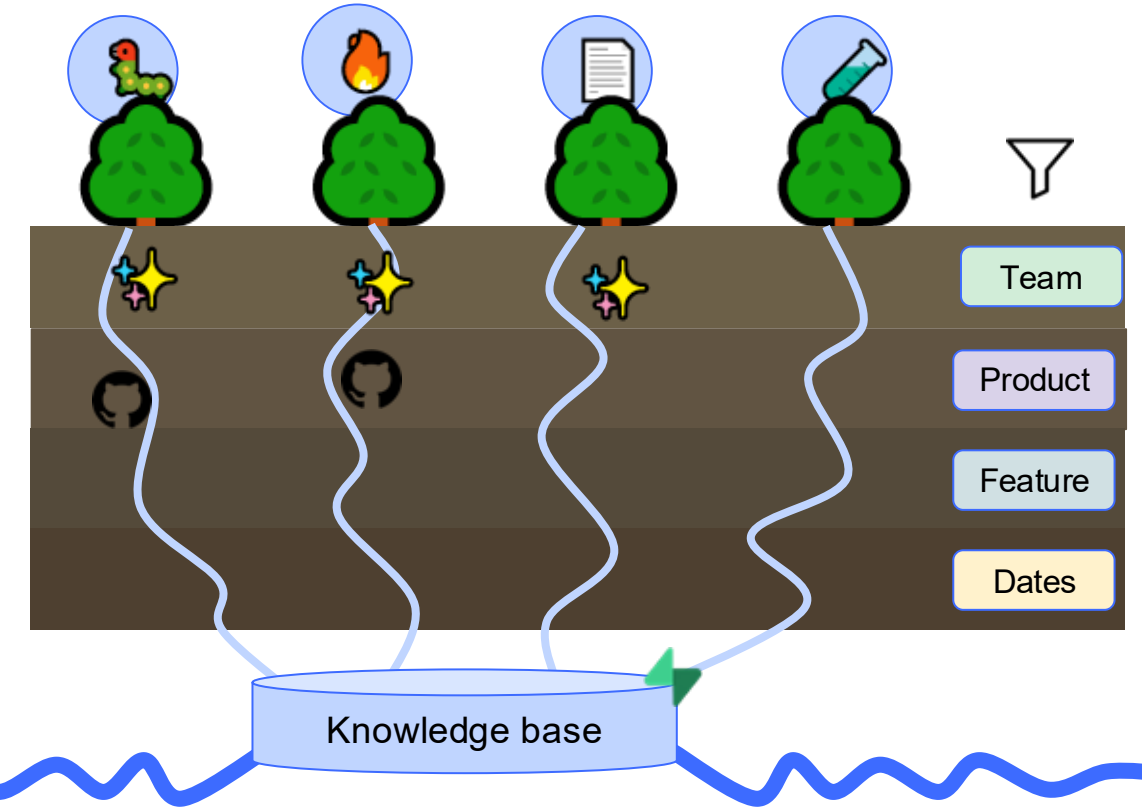
**CHOCO**







## The invisible root system





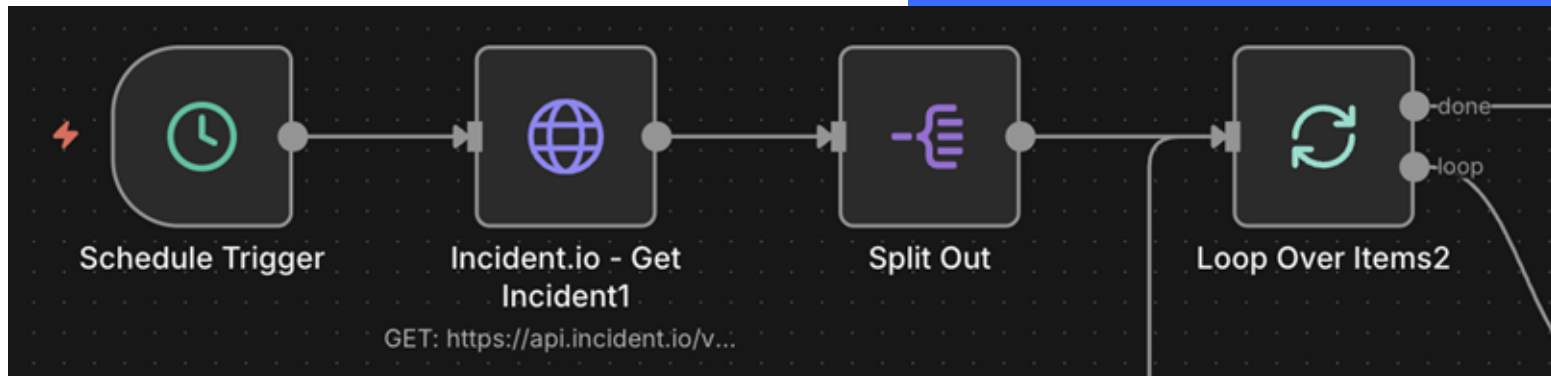
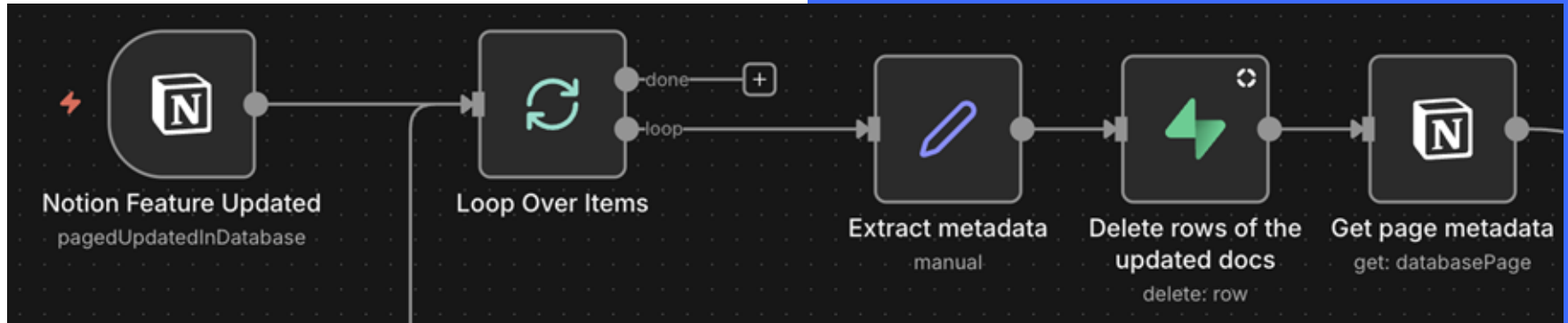


-  Supabase vector DB
-  AI powered summaries/classifications
-  Metadata for filtering
-  PR info/files

# Why not plug 'n play?

- Low effort
- Access to a lot of information
- No control
- Garbage in, garbage out

# Keeping it alive





# Demo

**CHOCO**

***The surface changes.  
The roots endure.***

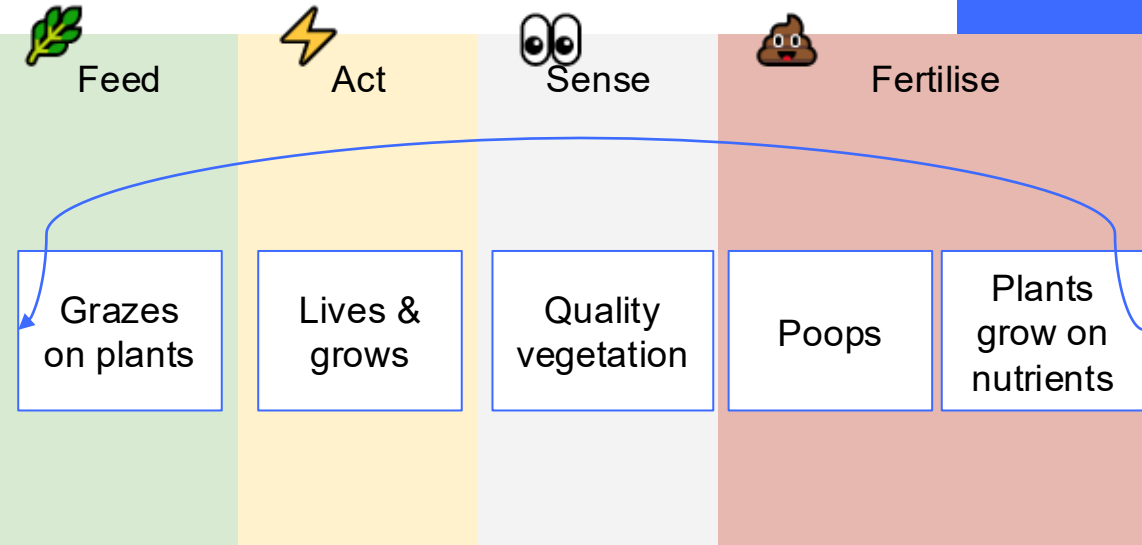


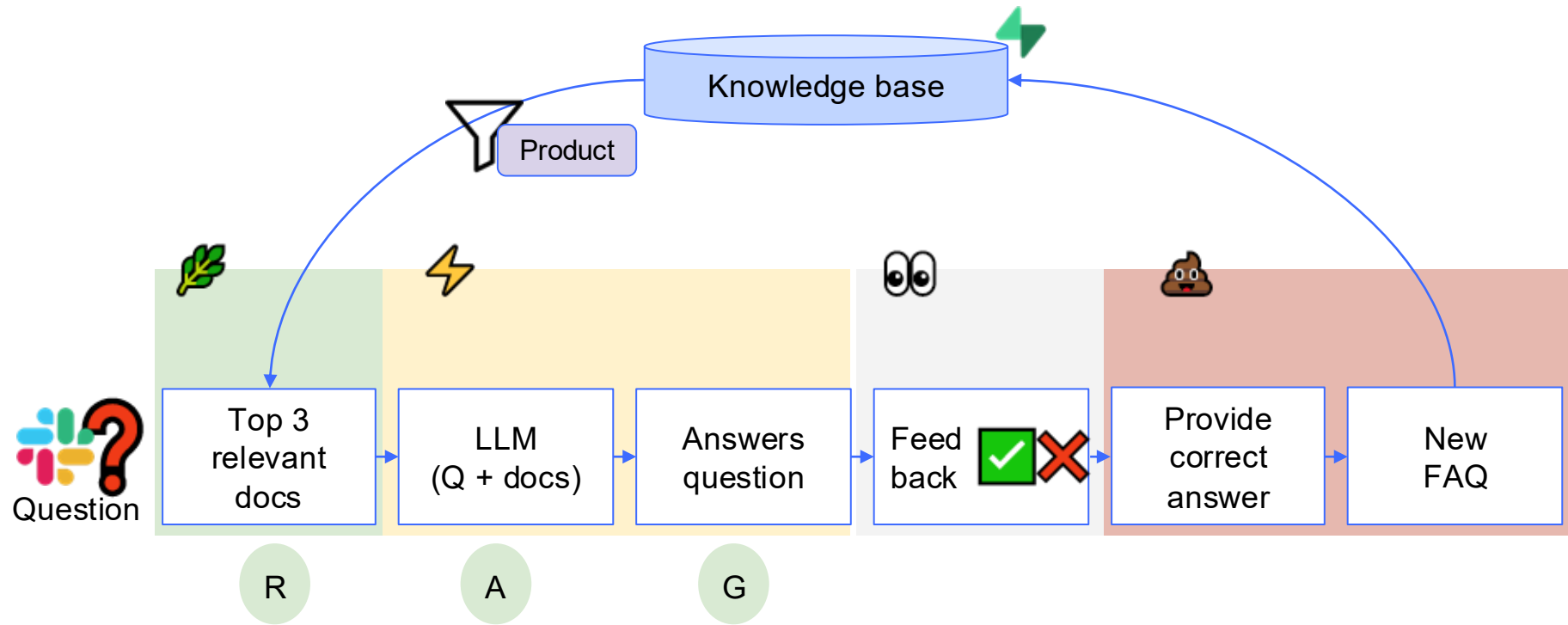
# The Pantanal



**CHOCO**

# Capybara loop

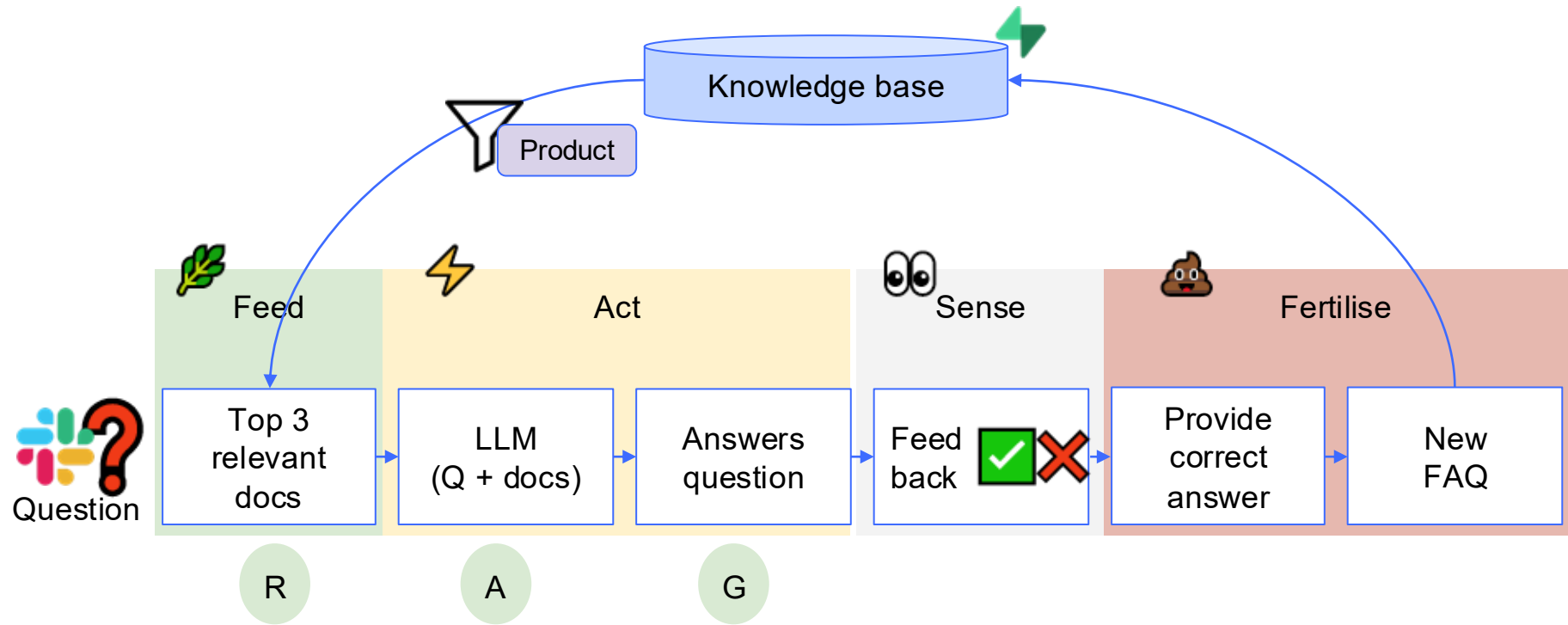






**Demo**

**CHOCO**



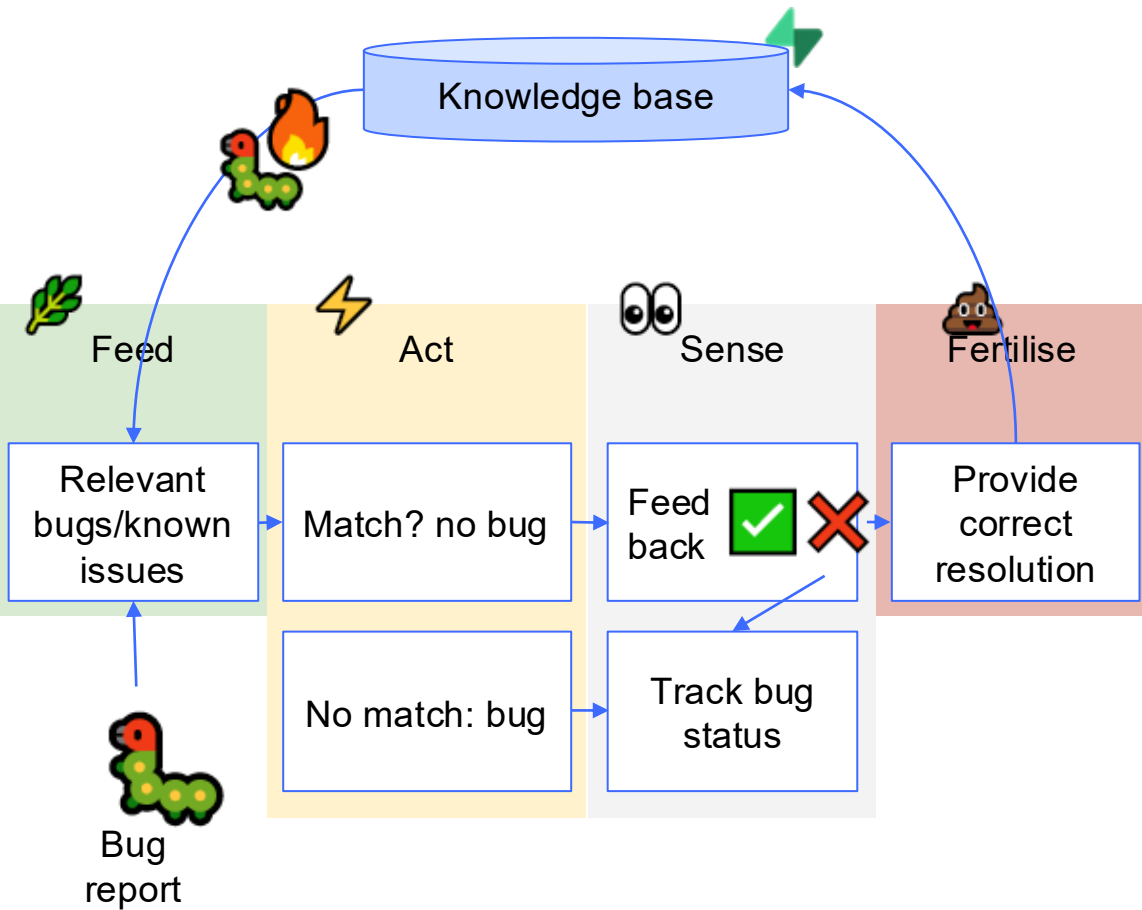
# Meanwhile at Choco

~50%

of bug reports were NOT  
actual defects

## What were they?

- Product misunderstandings
- Known limitations
- Expected behaviour
- Feature requests



# Demo

CHOCO

“

The ecosystem only  
works if organisms  
participate.



**CHOCO**

# Amazon loop



Feed

Trees  
absorb  
water



Act

Transpi-  
ration

Clouds  
forming



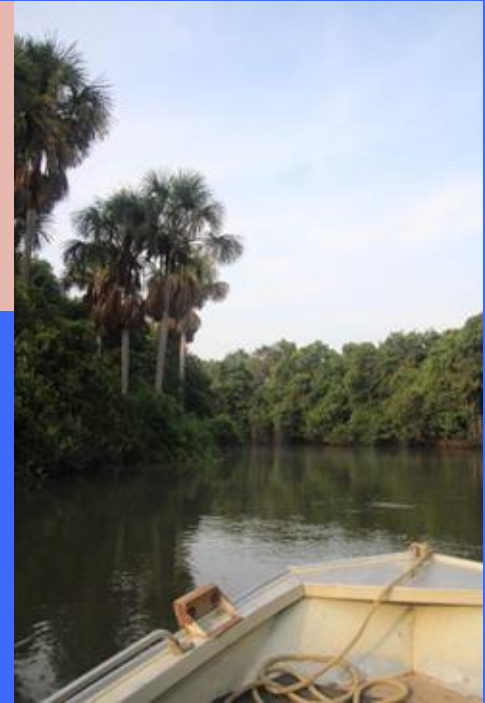
Sense

Rainfall  
patterns  
through roots



Fertilise

Rain falls  
down



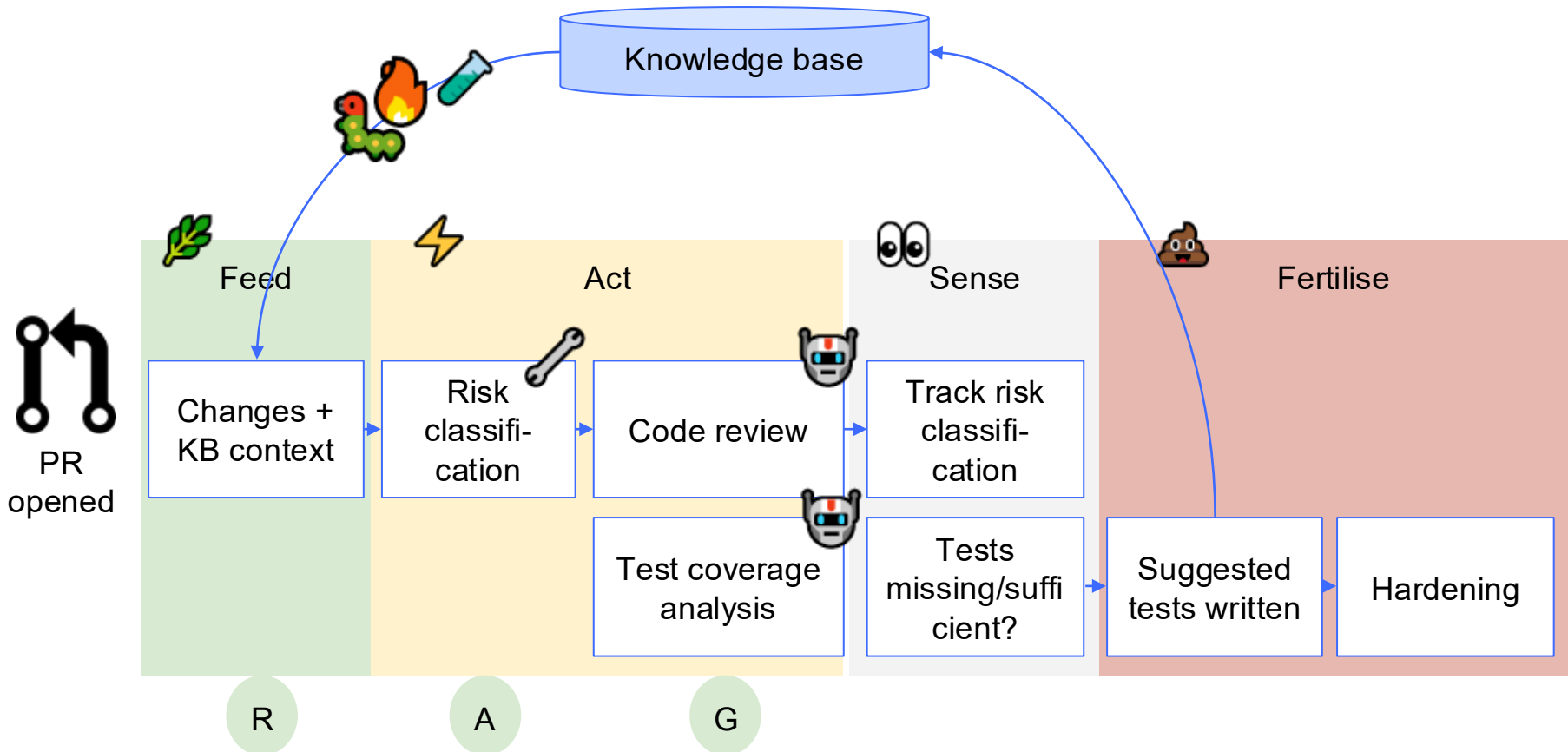
# The problem

**More code. Faster.**

**More risk. Faster.**



**CHOCO**



# Claude code vs Bugbot vs Copilot

## How They Compare

Aspect	Claude (your PR risk check)	Cursor Bugbot	Copilot
Bug detection	Found it with exact line numbers (L190, L241)	Found it with line ranges (L162-179, L189-193)	Found it at L179
Severity/framing	Two separate warnings, clear cause-effect	"Medium Severity", single finding	Single comment, advisory tone
Actionability	Points to both affected callsites specifically	Points to the same area, gives additional locations	Suggests computing a single <code>deduplicatedAcceptedProducts</code> — most actionable fix suggestion
Risk classification	MEDIUM + tags (CROSS_SERVICE, HOTSPOT)	None	None
Test coverage gaps	Identified 2 specific missing test files with concrete test cases	Nothing	Nothing
Scope of review	Code review + test coverage + risk + rollback guidance	Code bugs only	Code review overview + 1 comment
PR description	Updated PR body with risk badge, checklist, rollback plan	Generated a summary (pending at time of review)	Generated a nice overview table of changes



# Demo

**CHOCO**



**CHOCO**

Product	Section	Feature	Risk bucket	Risk score	Total bugs	Open bugs	Done bugs	Manual fix bu...	Not a bug bugs	Total tests ↓	Web e2e tests	Web integrati...	Be e2e tests
Ecommerce	distributor_ca...	catalog_browsing	High	16.9	24	1	7	3	7	10	0	0	10
Buyer Home	preferred_pro...		Low	-4.5	0	0	0	0	0	9	0	9	0
Ecommerce	ordering	checkout_order_submission	Critical	34.1	29	1	13	6	8	9	4	0	5
Sales Rep ...	customers	customer_details	Low	-9	0	0	0	0	0	9	9	0	0
Cashflow	billing_docum...	credit_notes_statements	Low	-4	0	0	0	0	0	7	1	6	0
Ecommerce	distributor_ca...	catalog	Low	-6	0	0	0	0	0	6	6	0	0
	order_guide_...	order_guide	Low	-6	0	0	0	0	0	6	6	0	0
Promohub	campaign_cre...		Low	-2.5	0	0	0	0	0	5	0	5	0
Promohub	campaign_cre...	adding_content_in_app	Low	-2.5	0	0	0	0	0	5	0	5	0
Promohub	campaign_cre...	starting_a_campaign	Low	-3.2	0	0	0	0	0	5	0	4	1
Sales Rep ...	settings	order_preferences	Low	-2.5	0	0	0	0	0	5	0	5	0
Cashflow	buyer_onboar...	customer_list	Low	-2.5	0	0	0	0	0	4	1	3	0
Ecommerce	account_team...	user_management	Medium	3.1	5	0	1	2	2	4	0	0	4
Ecommerce	ordering	order_integration	Low	-4.8	0	0	0	0	0	4	0	0	4

238 results

CHOCO



**CHOCO**



**Cerrado**

**One data source.  
Valuable metadata**



**Pantanal**

**One agent.  
One feedback loop**



**Amazon**

**Connect**



**CHOCO**

ISTANBUL  
SOFTWARE  
TESTING  
CONFERENCE

**Thank you!**