









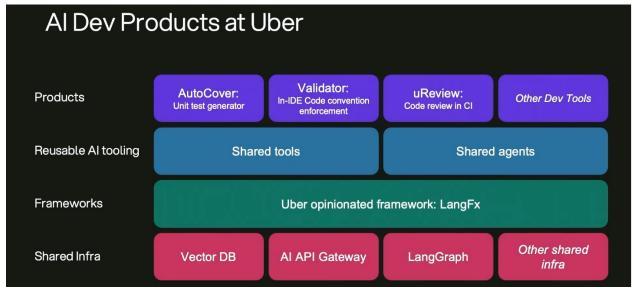


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Hear from Sourabh Shirhatti and Matas Rastenis on Uber's Developer Platform Team in their LangChain Interrupt talk. They dive into how they're building agentic tools serving an organization of 5,000 developers working with hundreds of millions of lines of code.

AGENTIC DEVELOPER PREDUCTS WITH LANGERAPH Uber





```
Products: Validator

Tests should use t.Tempfile(), t.TempDir() or "code.uber.internal/base/testing/lotest" for creating temporary files and directories in tests, as these functions automatically clean up the temporary files and directories after the test is complete. Do not use ioutil.Tempfile() or os.MidirTemp() as they do not clean up the temporary files and directories.

Replace the use of joutil.Tempfile with t.Tempfile(), which integrates with Go's test cleanup and ensures temporary files are removed even if the test falls. For example, use:

first.Tempfile()

first.Tempfile("", "handlers")

require.NoError(t, err)

defor.func()

first.Gusciolare()

grouter.NoError(t, err)

defore.func()

fat.Fprintln(f, "Mello")

fat.Fprintln(f, "Mello")

grouter = NeeMouter()

router.NoErwor()

fat.Eprintln(f, "Mello")

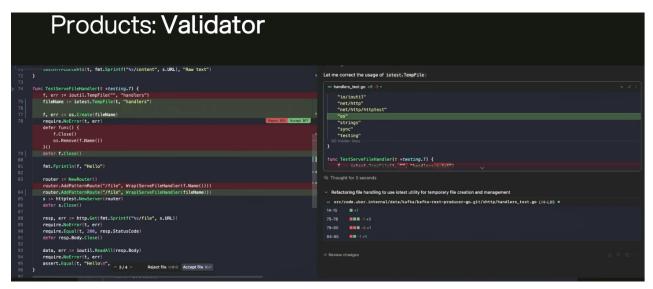
grouter = NeeMouter()

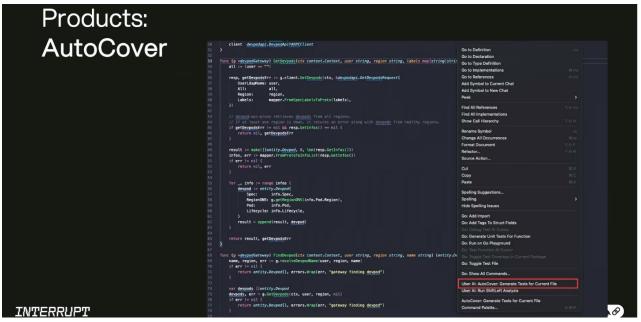
router.NoErwor()

grouter.NoErwor()

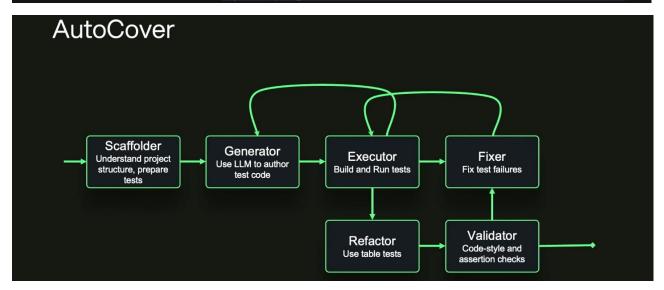
grouter.NoE
```

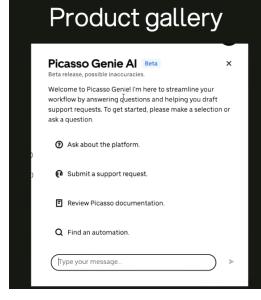
This is effectively a LangGraph agent that we built an IDE around, it calls an LLM and returns the insight back as mouseover help to the developer during coding

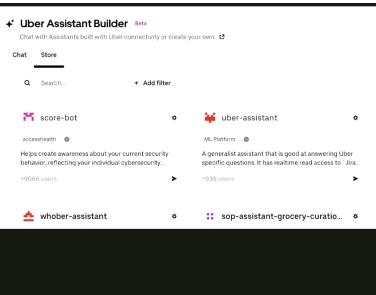


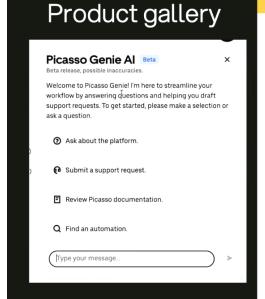


This uses a bunch of domain expert agents in the back that helps to auto-generate test code for the developer.



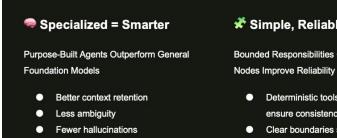








Learnings - Design Principles



Simple, Reliable Nodes Bounded Responsibilities + Deterministic

Deterministic tools (e.g., linters) ensure consistency

Clear boundaries simplify development and debugging

Fast & Scalable Dev

Reusable Agent Nodes Accelerate Development

- Solve scoped problems and reuse across graphs
- Faster composition of new flows
- Reuse nodes; iterate faster

Learnings - Strategy Benefits

Encapsulation Boosts Collaboration

- Agent nodes can be developed and tested in isolation
- Teams work in parallel on isolated agent nodes
- Horizontal scale-out allows you to tackle more problems

Graphs Improve Human + AI Workflows

- O The graph naturally represents complex workflows like human reasoning
- Graph structure reveals real-world bottlenecks and dependencies
- Process improvements for Al also streamline human operations
- E.g., faster infra helps both automated and manual execution