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GitHub Copilot: where, how,  
when, ~~how much~~!

# GitHub Copilot meets you where you are



## Favorite IDE



## Models of Choice

Standard Models

GPT-4.1 (Base)	Included
Premium Models	
Claude 3.5 Sonnet	1x
Claude 3.7 Sonnet	1x
Claude 3.7 Sonnet Thinking	1.25x
Claude Opus 4	10x
Claude Sonnet 4	1x
Gemini 2.0 Flash	0.25x
Gemini 2.5 Pro (Preview)	1x
✓ GPT-4.1	1x
GPT-4.5 (Preview)	50x
GPT-4o	1x
o1 (Preview)	10x
o3 (Preview)	5x
o3-mini	0.33x
o4-mini (Preview)	0.33x

Add Context...  
Ask Copilot  
Ask GPT-4.1



## Extensibility

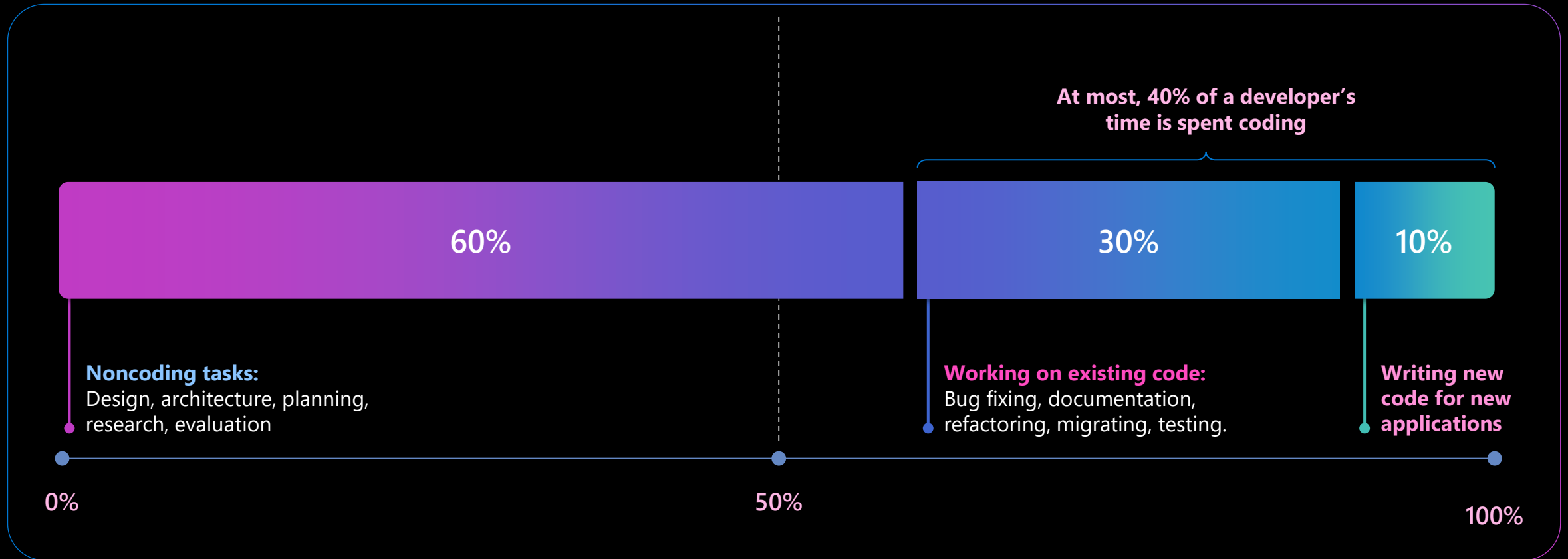


## Marketplace



## MCP

# Productivity is heavily impacted by non-coding tasks!

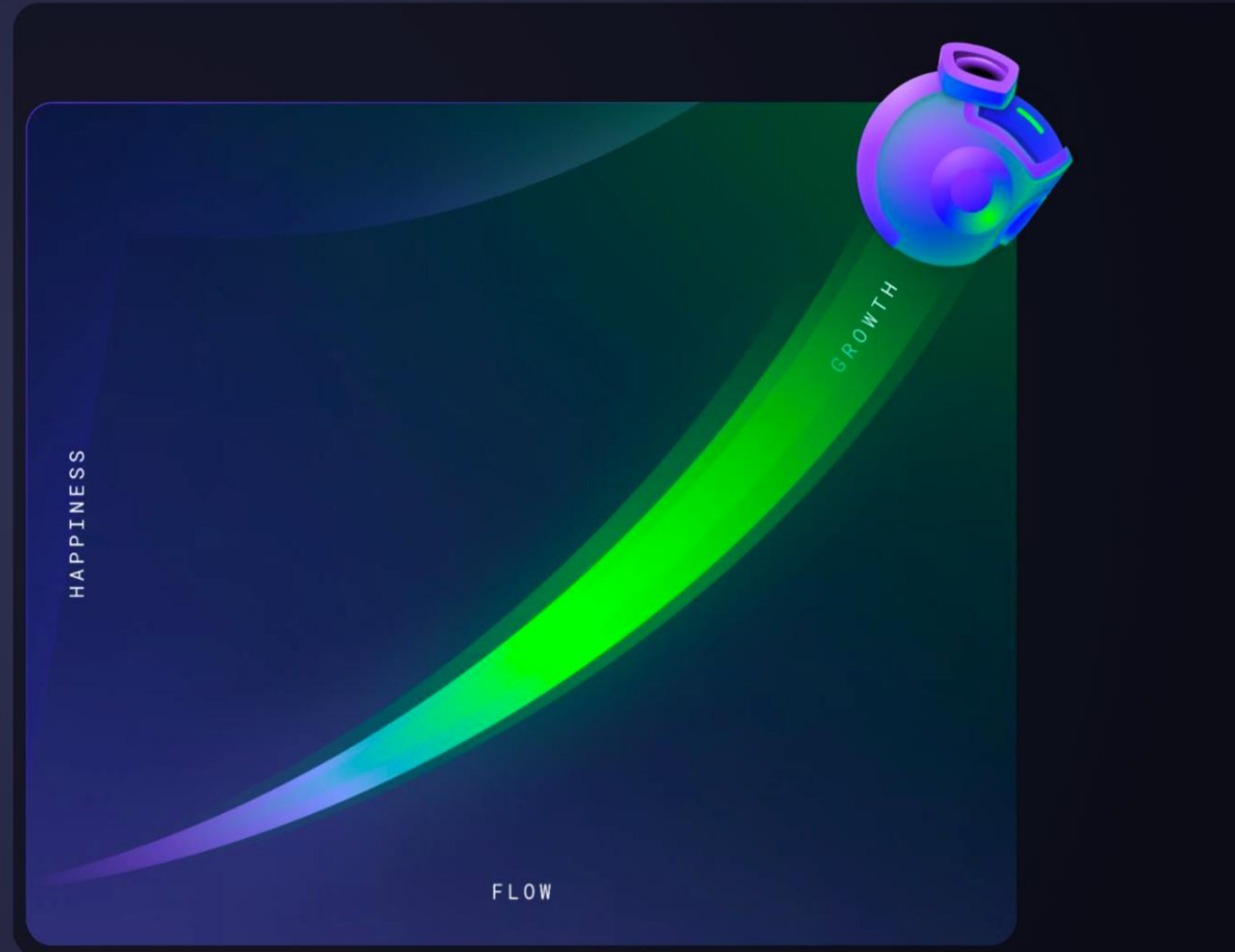


# AI is transforming the developer experience






A McKinsey study found that equipping developers to be their most productive also significantly improves the developer experience, and developers using generative AI-based tools were more than twice as likely to report overall happiness, fulfillment, and a state of flow.

Source: [McKinsey, 2023](#)






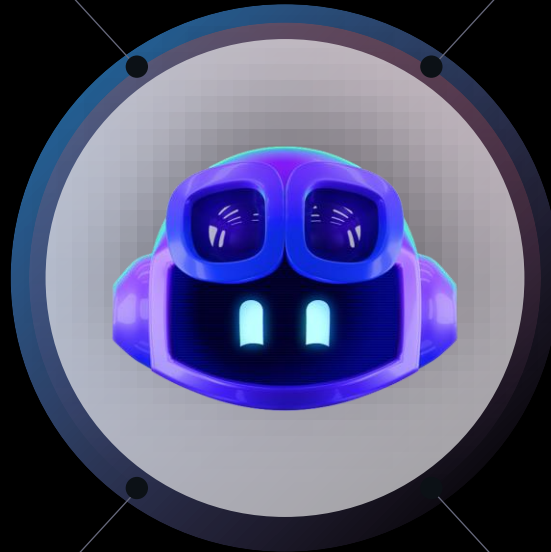
# GitHub Copilot in a nutshell

## Code completion




- Ask Mode 
- Next Edit Suggestions 
- Copilot Vision 

## Model Context Protocol (MCP)





- GitHub 
- Playwright 
- Azure 
- 3P Services



## Agentic Features

-  Agent and Plan Mode
-  Custom Agents
-  Agent Skills

## Extensibility

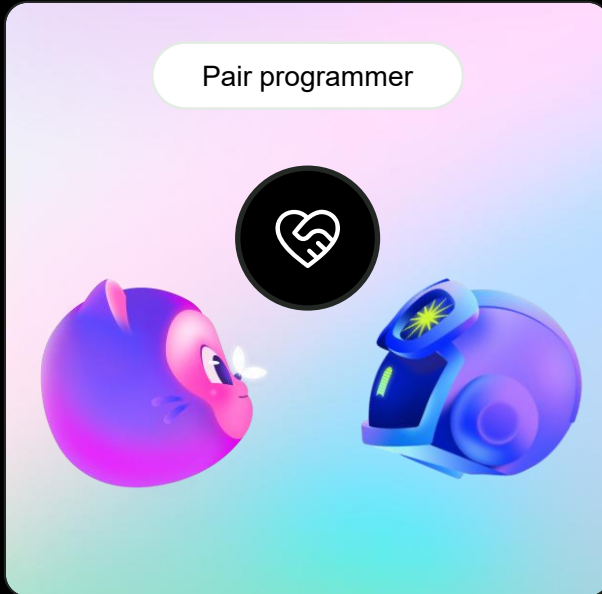
-  App Modernization
-  Upgrade
-  Migrate
-  Copilot for Azure

# Riding the waves

Wave 1

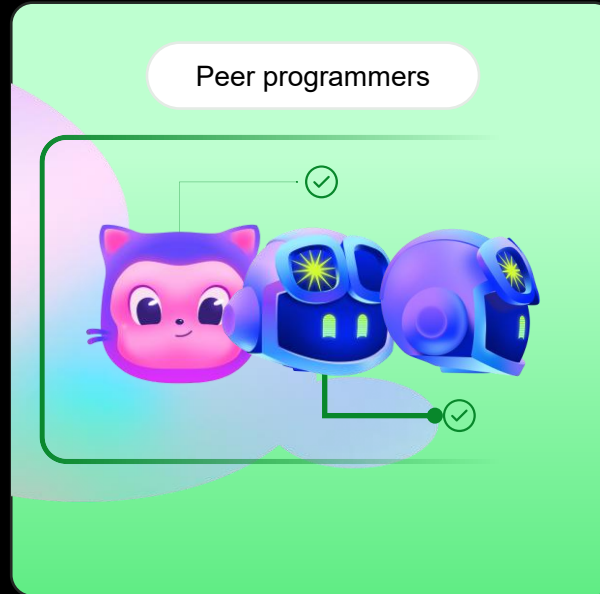
Wave 2

Pair programmer



Code Completion | Copilot Chat

Peer programmers



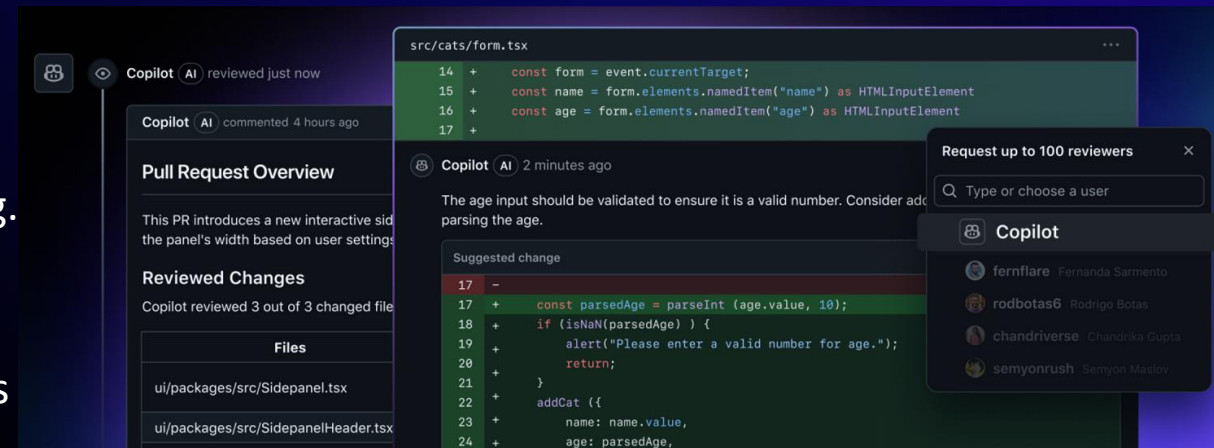
Sync Agent Mode



# Copilot Code Review Agent

Review code with Copilot from your PR

- **Faster reviews:** Instant, actionable feedback—no waiting.
- **Understands context:** Looks beyond the diff for smarter suggestions.
- **Lightens the load:** Handles routine comments so humans can focus on what matters.





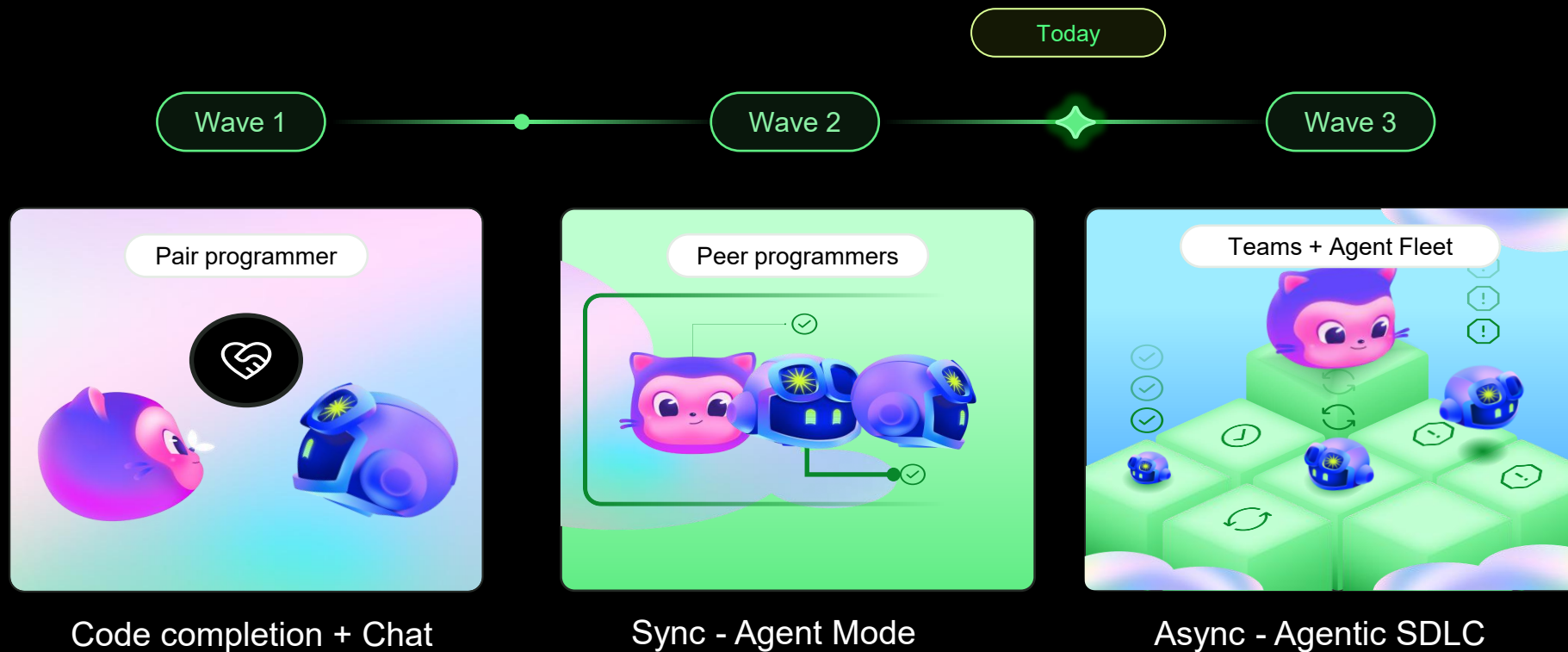
# A little tour...



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# Wave 3 Changes Everything



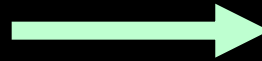
**More Agents**

**Agents run for longer**

**Shared Infra**

## Prompt Engineering

Teaching Engineers how  
to prompt for better  
outcomes from AI agents



## Context Engineering

### Artifacts

- User Stories
- Specs (PRD / ERD)
- Documentation
- Code
- Test Cases
- Production logs

### Agentic Primitives

- Skills
- Custom Instructions
- Custom Agents
- MCP Tools
- Slash Commands
- Hooks

### Shared Memory

# Spec Driven Development & GitHub Spec Kit

## Spec-driven development with AI: Get started with a new open source toolkit

Developers can use their AI tool of choice for spec-driven development with this open source toolkit.

### 💡 **What is spec-driven development?**

Instead of coding first and writing docs later, in spec-driven development, you start with a (you guessed it) spec. This is a contract for how your code should behave and becomes the source of truth your tools and AI agents use to generate, test, and validate code. The result is less guesswork, fewer surprises, and higher-quality code.

# Agent HQ

Any agent, any way you work on GitHub



 Code



# Copilot CLI



GitHub Copilot v0.0.411

Describe a task to get started.

Pick a model with `/model`. Send this session to GitHub with `/delegate`, and Copilot will create a PR. Copilot uses AI, so always check for mistakes.

-  Experimental mode is enabled. These features are not stable, may have bugs, and may be removed in the future.
  -  No copilot instructions found. Run `/init` to generate a `copilot-instructions.md` file for this project.
  - Configured MCP servers: `workiq`, `markdown`, `octocode`, `playwright`
  - Connected to Visual Studio Code - Insiders
  - Autopilot mode enabled with all permissions.
- > `/agent-council`
- `skill(agent-council)`
  - I've loaded the Agent Council skill. It's ready to dispatch 3 subagents in parallel across different model families for multi-perspective analysis.
  - Asking user: What task or question would you like the Agent Council to...

What task or question would you like the Agent Council to work on?

- > 1. I'll describe the task now (freeform)  
2. Collaborative mode: brainstorm/explore an idea  
3. Adversarial mode: debate/stress-test a decision  
4. Other (type your answer)

↑↓ to select · Enter to confirm · Esc to cancel

# GitHub Agentic Workflows

Repository automation, running the coding agents you know and love, with strong guardrails in GitHub Actions.

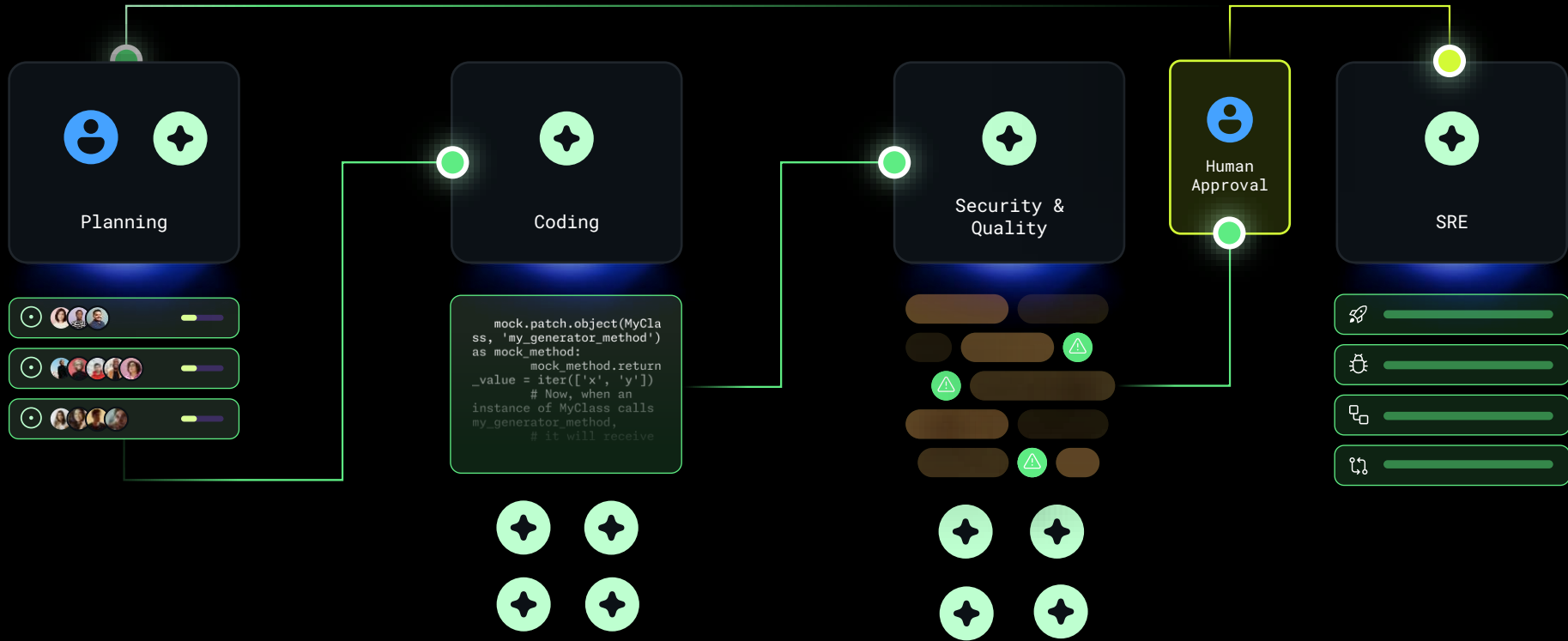
[Quick Start with CLI →](#)

[Creating Workflows →](#)

# Recap: Waves of agentic development



# Intent



# GitHub Copilot

across the software development lifecycle



Create  
in the IDE



Collaborate  
across the SDLC



Operate  
in the cloud



GitHub Copilot

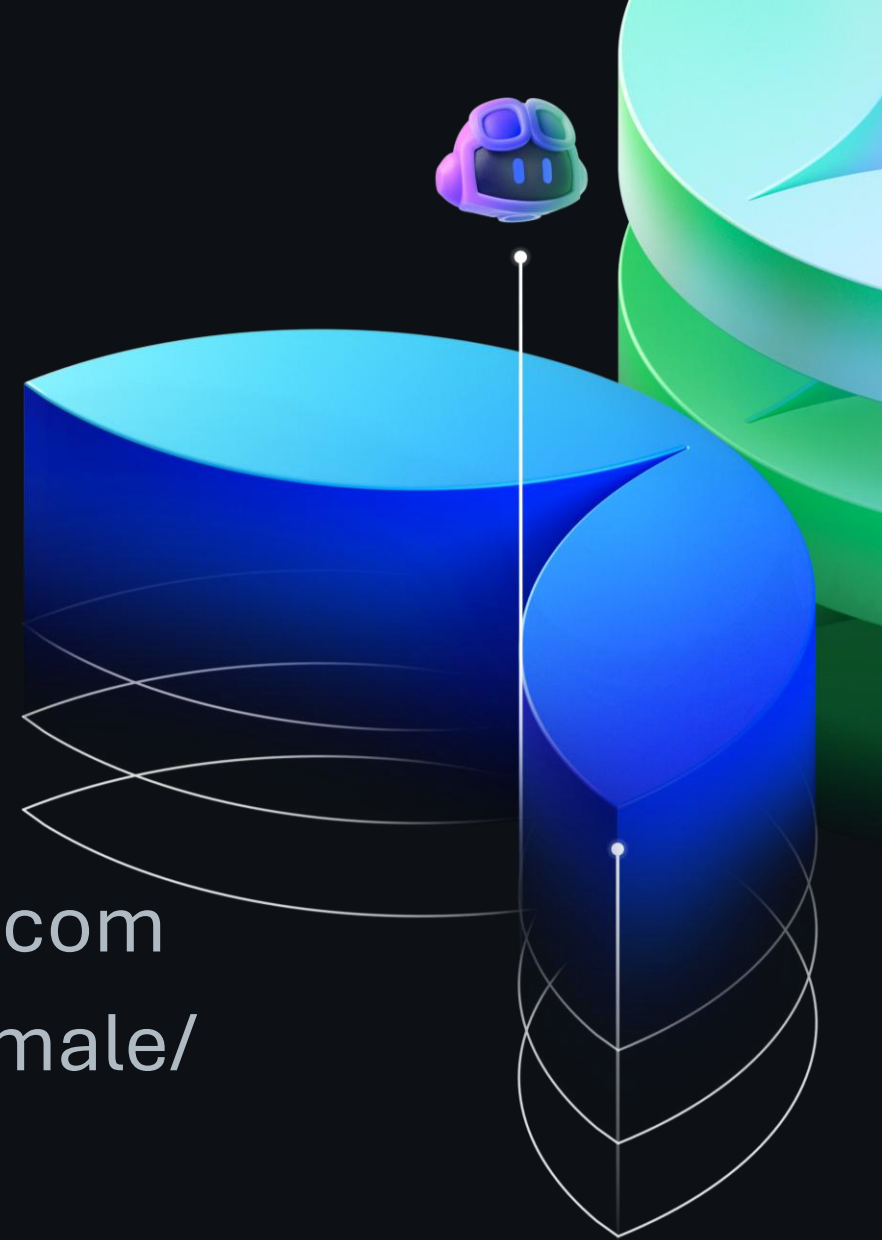
# Thank you!



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## Resources

- [GitHub Copilot Docs](#)
- [Changelog](#)
- [VSCode – Docs](#)
- [VS Code – Youtube Channel](#)
- [Copilot – Youtube Channel](#)
- [GitHub Support](#)
- [Awesome Copilot Repo](#)
- [GitHub Learn](#)
- [Agentic Workflows](#)