

Stride Guest Speakers



Dan Mason

Principal, Head of AI Practice

20+ years experience in product, engineering, eng mgmt, corp dev + strategy – ESPN, Shutterstock, People Mag & more.



Michael Carlson

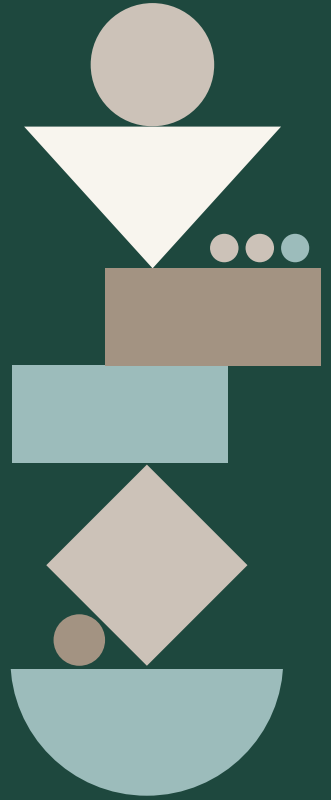
Partner, Head of Stride Labs

18 years of experience building products with emerging technologies, from early iOS applications to automated manufacturing systems, IoT and now Generative AI

Agenda

- GitHub Copilot: Overview and Challenges
- Beyond Copilot: Agent Driven Development with Stride Conductor
- Predictions

About Stride



About Stride

Collaborative. Non-Dogmatic. Transparent.

GenAI and Agile experts building
transformative custom software with the
world's best brands.

Founded in 2014
by Debbie Madden

Headquarters in NYC

Striders in 15 cities
throughout the USA



Our Clients

Trusted by the world's top brands

Casper

AbleTo

meetup

shutterstock

splice

STASH

SIMON &
SCHUSTER

SEAT
GEEK

Blue
Apron

Wunderkind

2U

Presence

JOOR

AWAY

WARBY PARKER

Spotify

newsela

SLICE

Plated.

CUNY
THE CITY
UNIVERSITY
OF
NEW YORK

ELYSIUM


CLEAR

codecademy

EQUINOX

www.stride.build






[GEN AI](#)
[SERVICES](#)
[CASE STUDIES](#)
[ABOUT](#)
[INSIGHTS](#)

SCHEDULE DEMO


GenAI Thought Leadership

Welcome to Stride's GenAI Thought Leadership Hub. Our goal is to share insights and explorations into GenAI Codegen's transformative potential.


Articles



Top CodeGen Tools



6 Levels of CodeGen Automation




Coding Assistance vs. Autonomous Coding


GenAI / LLM Thought Leadership




Demos and Webinars




Full Stack Bug Fixes



Conductor X Claude 3




Conductor Preview



Data Engineering

Dan's Weekly Insights

Hover and scroll to read!




Dan Mason
Principal, AI @ Stride | ex-ESPN, ...
1w · Edited

If you read only one thing about AI/LLMs this week, make it this:
SWE-Bench Technical Report from Cognition Labs
<https://lnkd.in/e4sSWEwY>

Like most of you, I've been hearing a lot this week about Devin, a semi-autonomous AI software developer agent.

Congrats to the team! It's an impressive product that thinks about software



Dan Mason
Principal, AI @ Stride | ex-ESPN, ...
2w · Edited

If you read only one thing about AI/LLMs this week, make it this:
AI startups require new strategies: This time it's actually different by [Jason Cohen](#)
<https://lnkd.in/ez4p9BFR>

I'm dispensing with my usual format this week -- there's a great bulleted summary at the top of the article, click thru and enjoy. Bottom line: as we discussed last week, it's becoming clear that the typical disruptor playbook no longer works in the

GenAI / LLM Execution



Proof of Concepts

Fintech

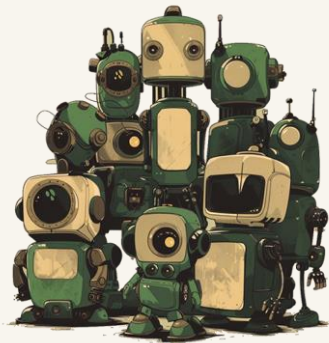
Stride built LLM-powered agents capable of extracting holdings over time from broker statements.

Business Insights

Stride created an LLM-powered technology evaluation workflow to help clients evaluate and rank vendors.

Legal Tech

Stride built a Microsoft Teams-based meeting assistant that analyzes calls via Azure OpenAI and provides real-time guidance on potential legal issues.



Stride Conductor

A truly autonomous, multi-agent GenAI tool.

Generates full stack custom code for both new and legacy codebases – in seconds

Pulls requirements from backlog - no human prompts needed

Full SDLC: coding, testing, deployment, API integration, migrating databases, version control



Production Systems

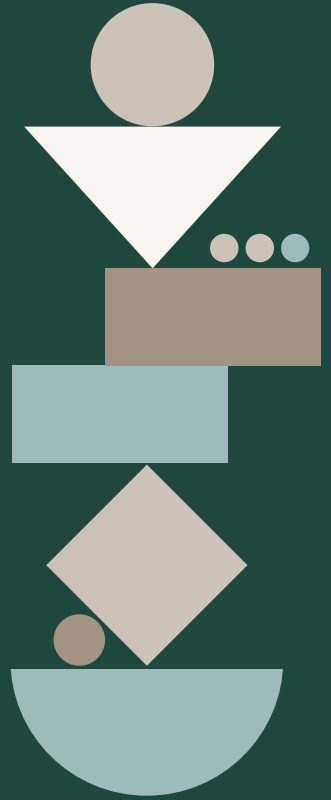
LLM Semantic Search

Stride leveraged Open-AI's Embedding API and Pinecone to empower educators to transition from the Common Core pedagogy to a new way of working.

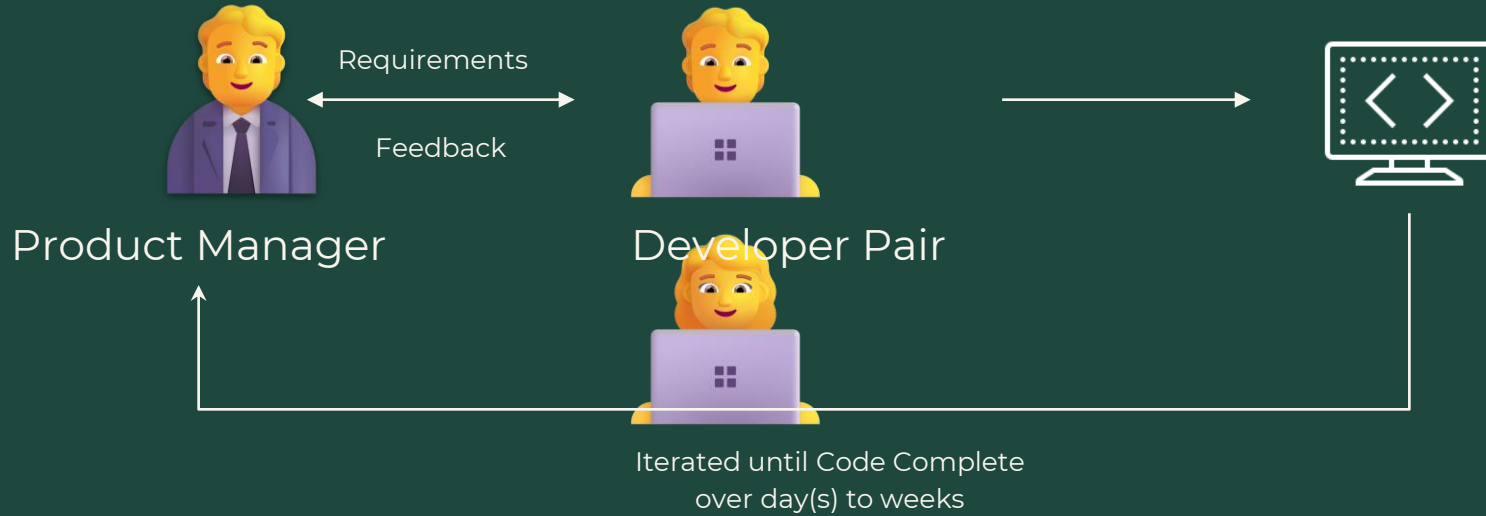
LLama 2 Delivery Project

Stride built a VPC-hosted SECURE LLAMA 2 LLM to create a dynamic knowledge base that reduces reliance on a core central resource group;

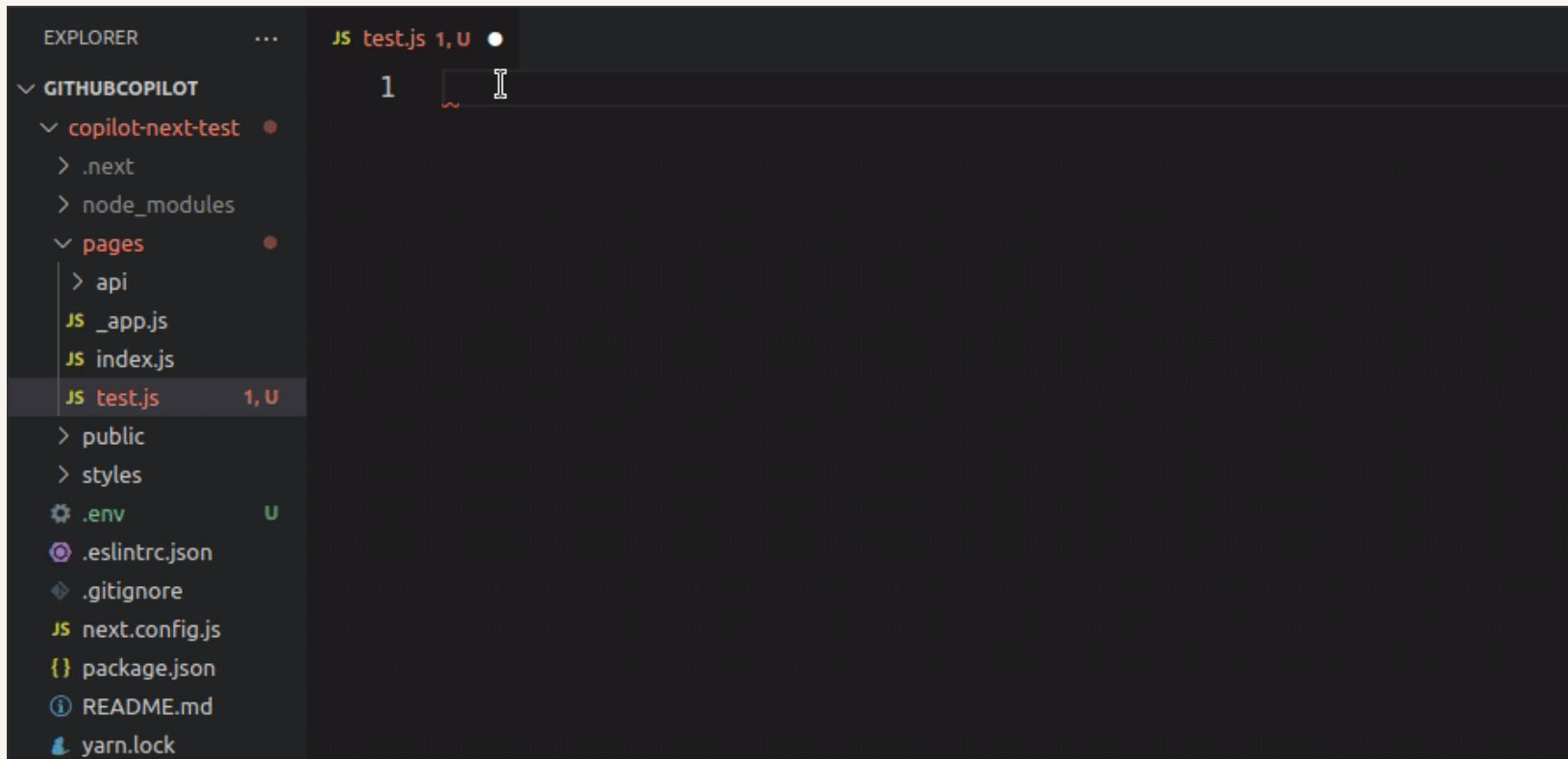
GitHub Copilot



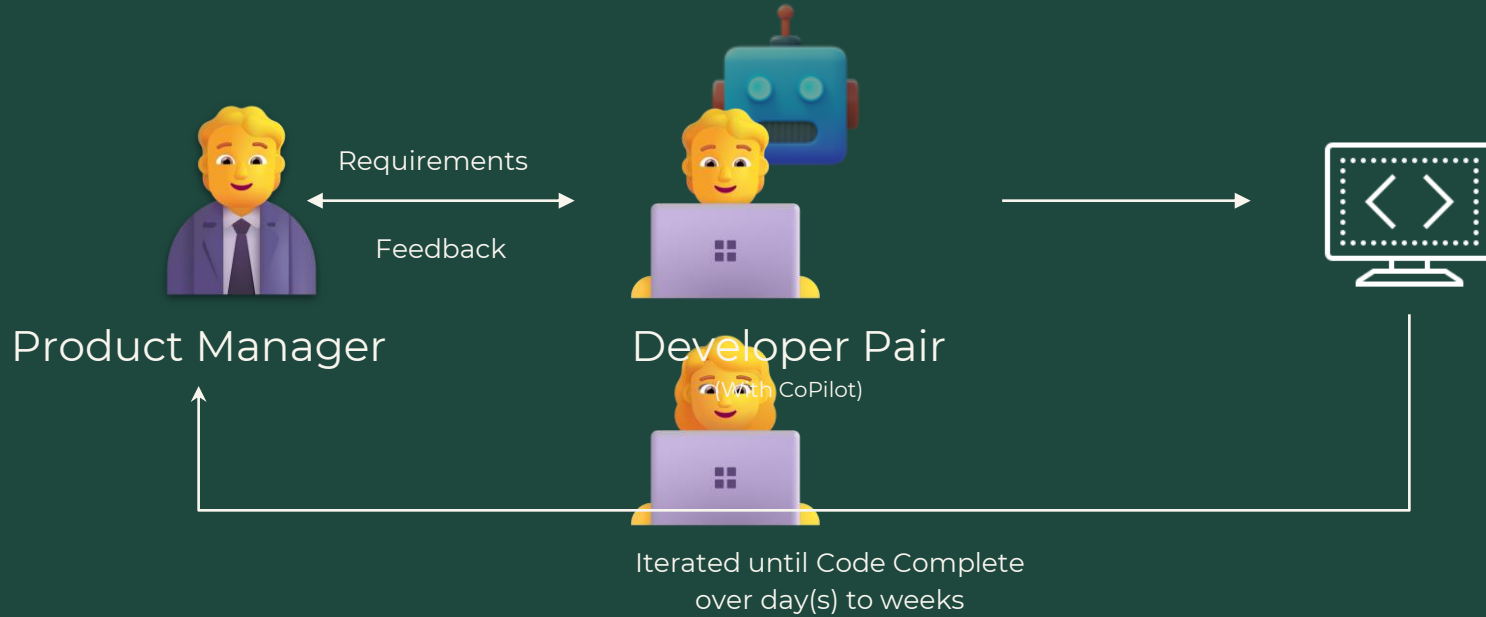
Traditional Software Development



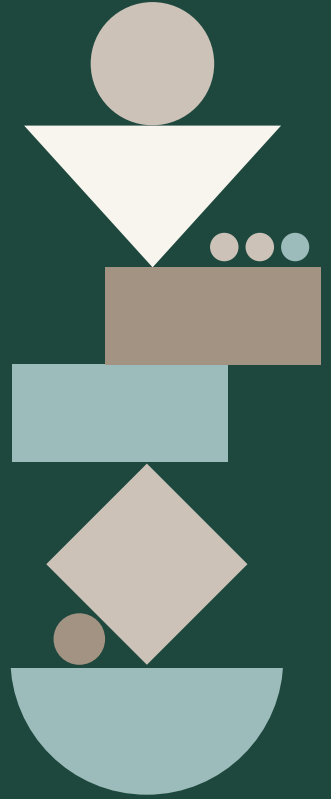
This is Copilot



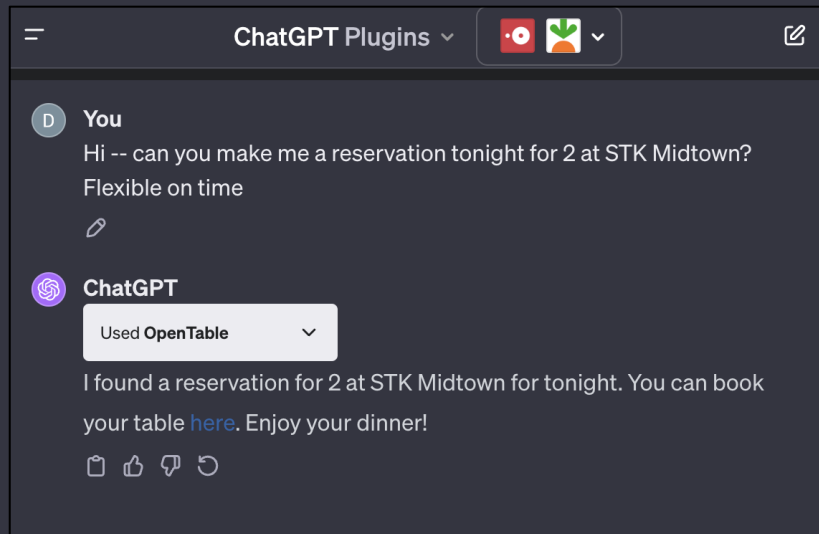
Traditional Software Development with Copilot



Agent Driven Development



What are AI Agents?



Agents...

- execute tasks
- which affect environments
- [often] across systems

Examples of Agents

- Restaurant Reservation GPT
- CoPilot @workspace
- Embedded customer service on e-com website

What if you team them up?

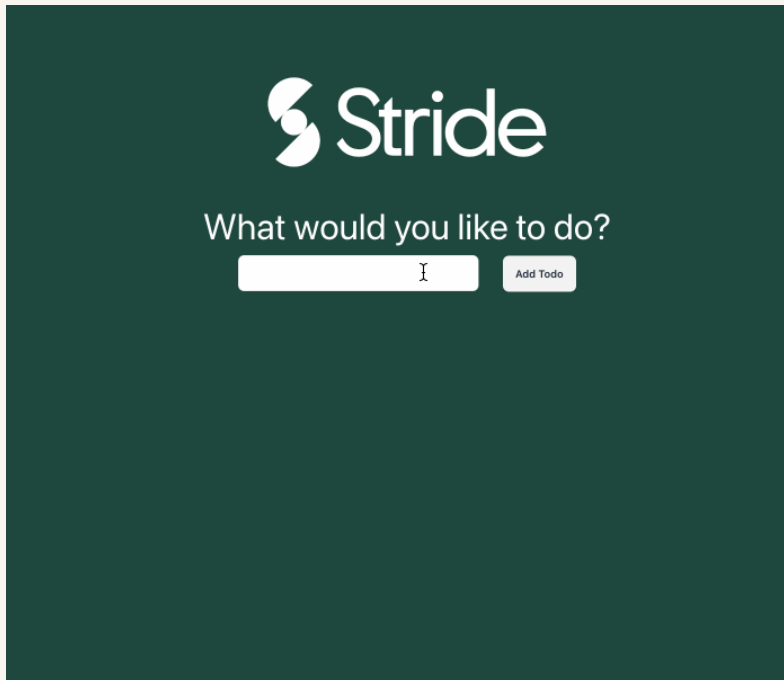
Agents can work together in concert and conversation, which allows for:

- Self-improvement via critique
- Better decomposition of large tasks and hard problems
- Larger Context Window / Better Results
- Inspectability, readability and explainability



Beyond Copilot: Demo Agent Driven Development

Basic ToDo App



What if we want to add a feature?

As a user, I want the ability to delete todo items, **so that** I can keep my list clean.

Acceptance Criteria:

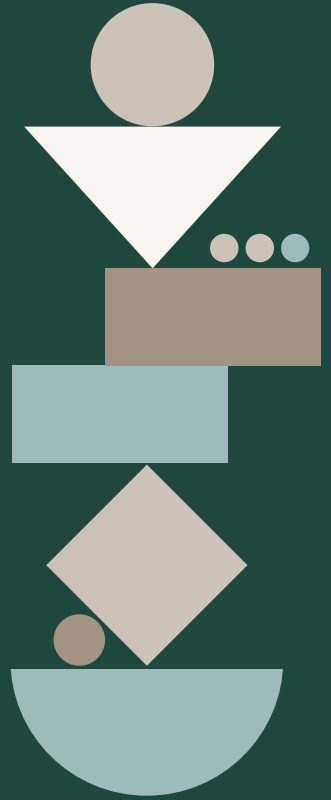
Given I have created todo items

When I click Delete Button

Then remove the todo item from the list



Demo: Stride Conductor



So What's Happening Here?



RAG PROXY

Hey friends, we've got a new requirement. Here's the context of the codebase.

Great. I'll break this down into development tasks and create a script to run to make file changes..... Aaaaand done.



CODER



EXECUTOR

Got it. Running shell script.... But I got an error.

I see that. CODER, it looks like we've got some syntax issues. I suggest you do { code block }



DEBUGGER



CODER

On it. Here's the revised script.

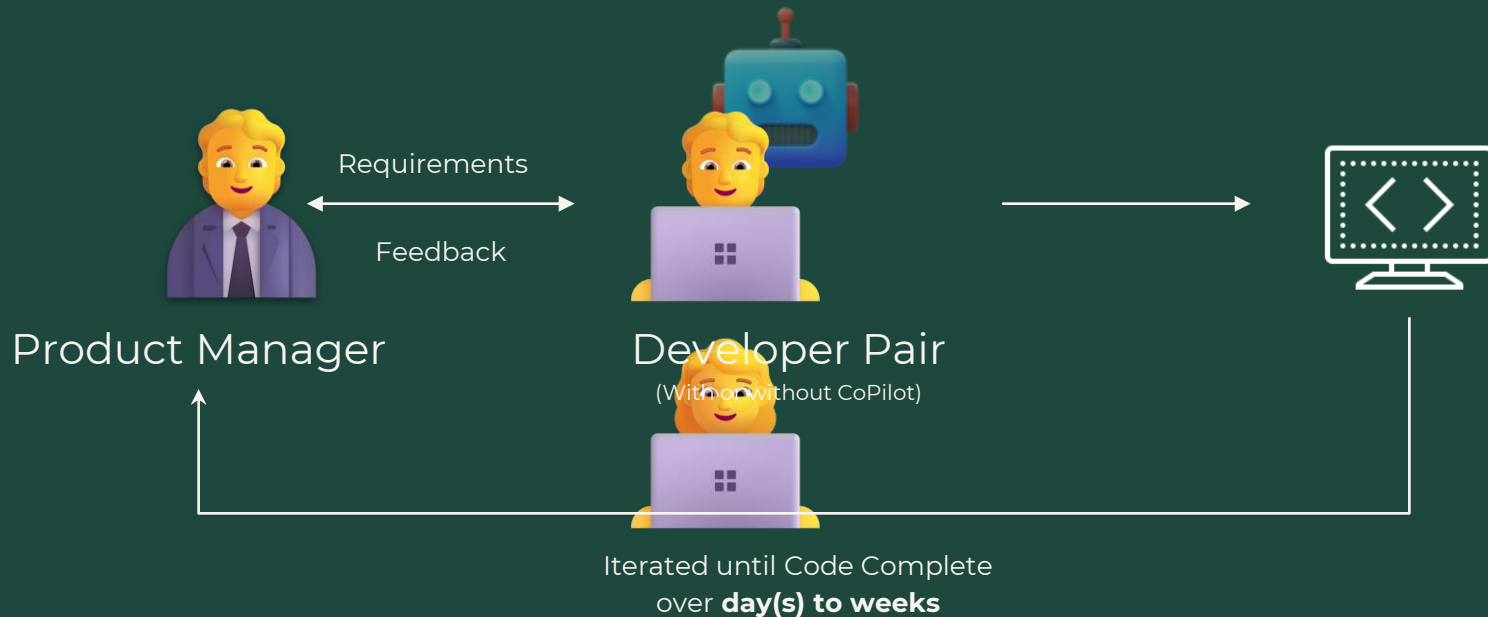
Ran it. Hey, human! We're done.



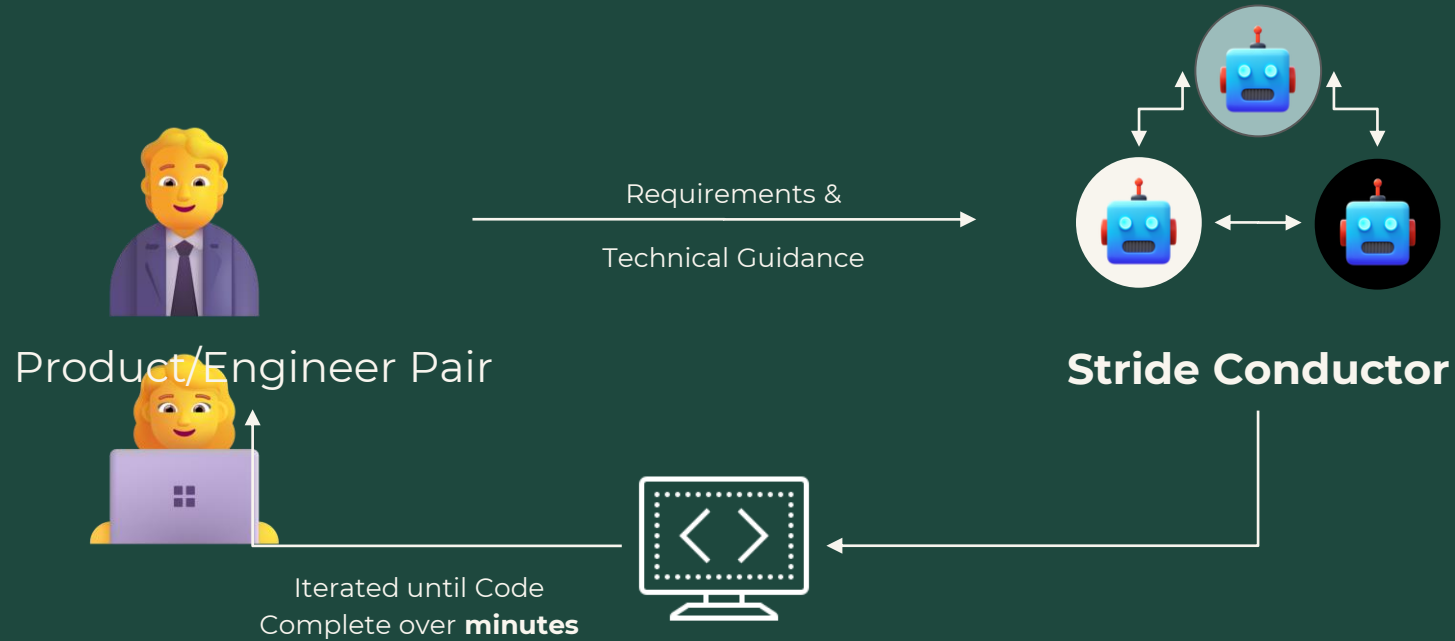
EXECUTOR

END CHAT

Traditional Software Development: Code Complete in Days to Weeks



Agent-Driven Software Development: Code Complete in Minutes



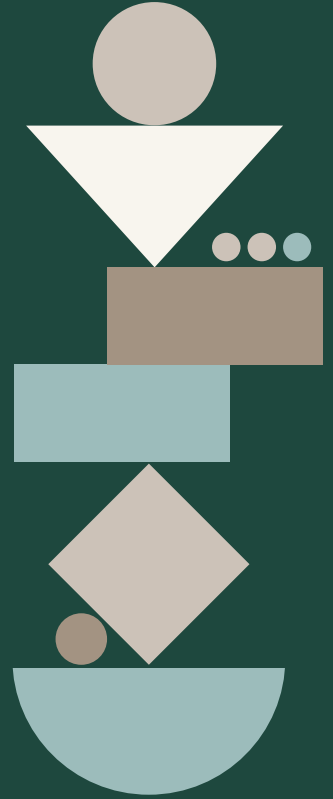


What We Just Saw

Agents can...

- Create working software from non-technical requirements
- Decompose larger and granular tasks into discrete steps
- Critique each other and improve systems
- Produce inspectable chains of thought and action
- Generate code FAST

Predictions





What gradual increases in coding agent autonomy will mean

- Today: 1 point stories, at scale
- Tomorrow: 2, 3, 5 point stories
- We will rethink performance/readability tradeoffs
- Harden the shell
- Agility will trump Agile™

Ask Us Anything!

Questions? Concerns?

What first steps can your team take?

Learn more
about Stride
Conductor



Come see us at
the booth!

Booth 9,
Showcase

Schedule a
call with
Stride

Email "Free Consult" to
debbie@stride.build

