

# Who owns chaos?

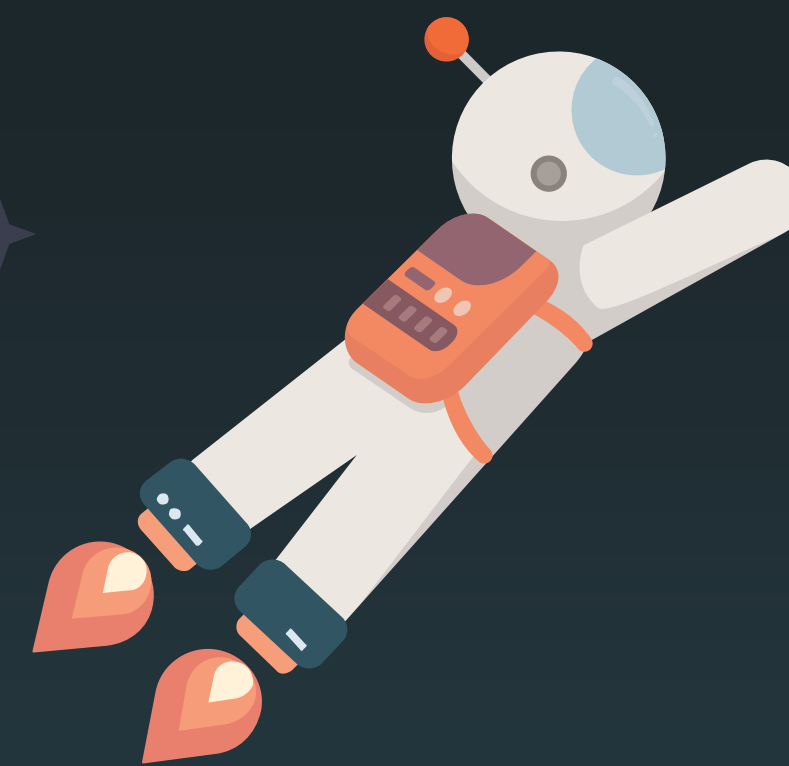
conf42



Joyce Lin

Developer Advocate Lead, Postman

 @petuniaGray





# Joyce Lin

Developer Advocate, Postman

Postman is an API Development Environment (ADE) used by more than 8 million people.

For many teams, Postman is an everyday tool that helps people work with APIs more efficiently.



**8 million +  
developers**



**400,000 +  
companies**



**250 million +  
APIs**

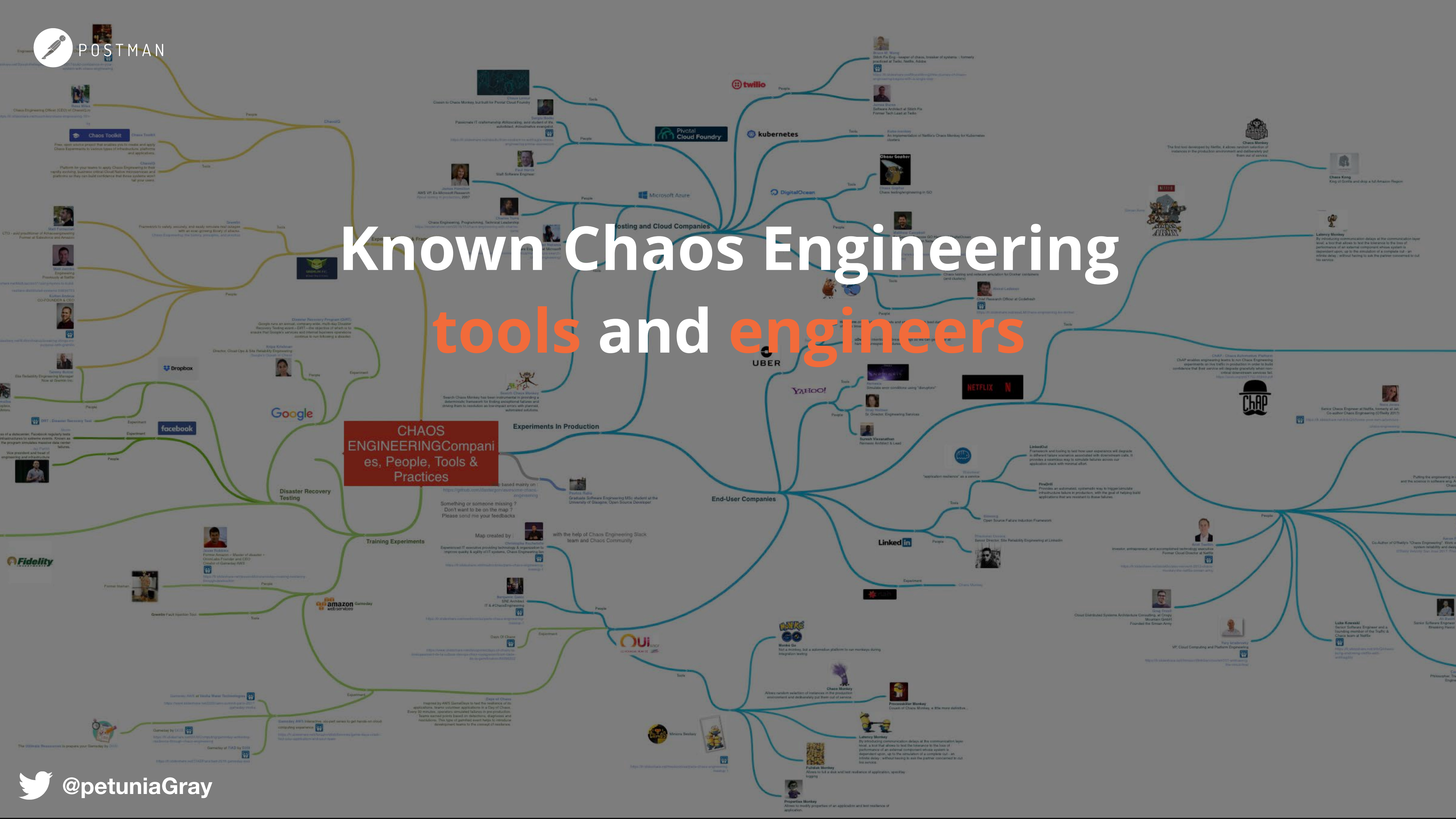


Who is **responsible**  
for chaos?



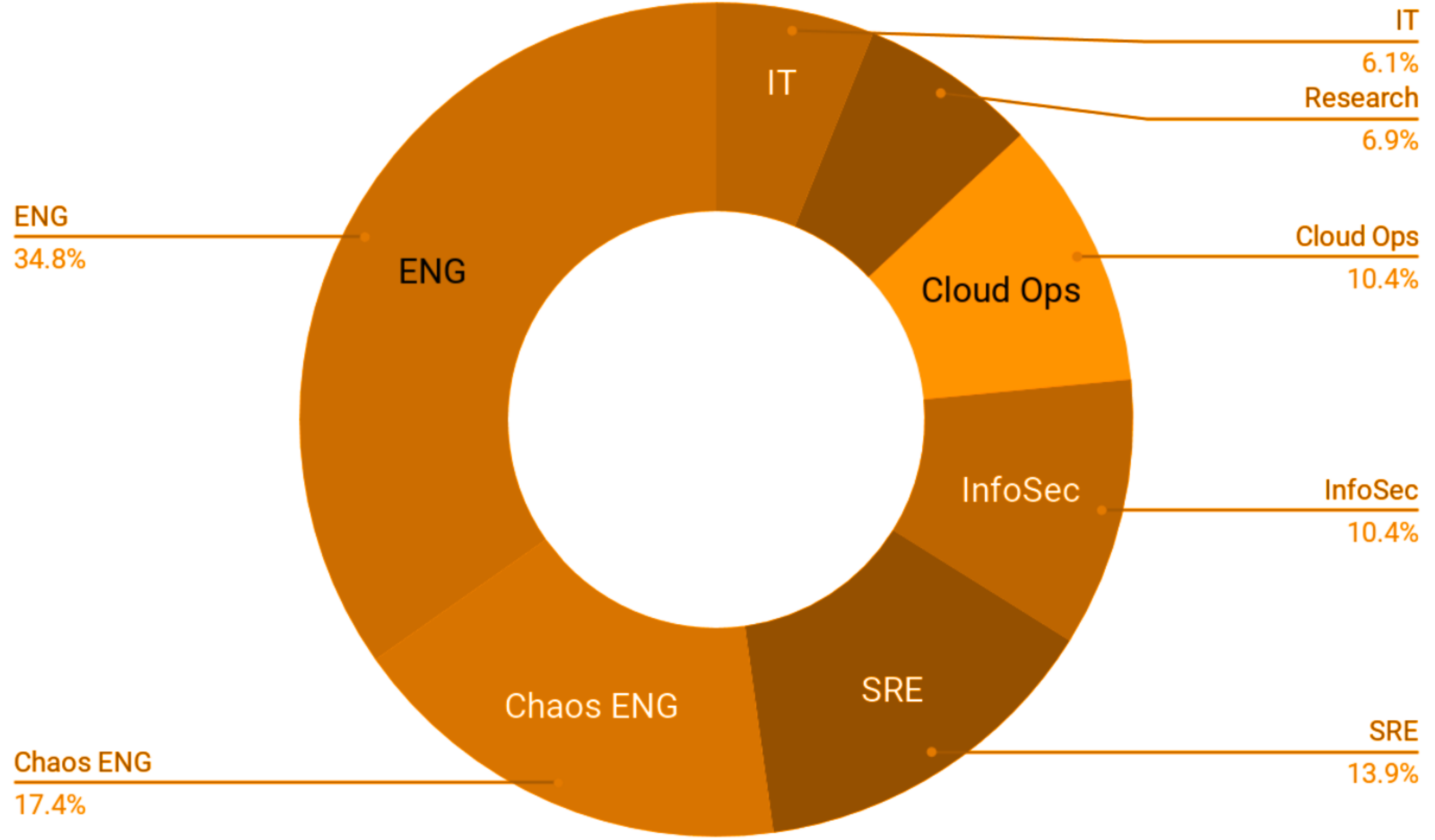
# Known Chaos Engineering tools and engineers

## CHAOS ENGINEERING Companies, People, Tools & Practices



Which **job titles** are  
doing chaos?

# By Job Title





**It boils down to who gets paged - if that's an SRE or Ops team they have the most incentive to start doing this work and making their lives better.**

**- Kolton Andrus, CEO at Gremlin**



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# Responsibilities

- **Chaos specialists**



# Responsibilities

- Chaos specialists
- **Deployment and uptime**



# Responsibilities

- Chaos specialists
- Deployment and uptime
- **Incident management**



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- Chaos specialists
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- **Domain knowledge experts**



# Responsibilities

- Chaos specialists
- Deployment and uptime
- Incident management
- Domain knowledge experts
- **Testing in Production**



# Roles

- Site Reliability engineer
- Production engineers
- DevOps engineers
- InfoSec engineer
- Research analyst

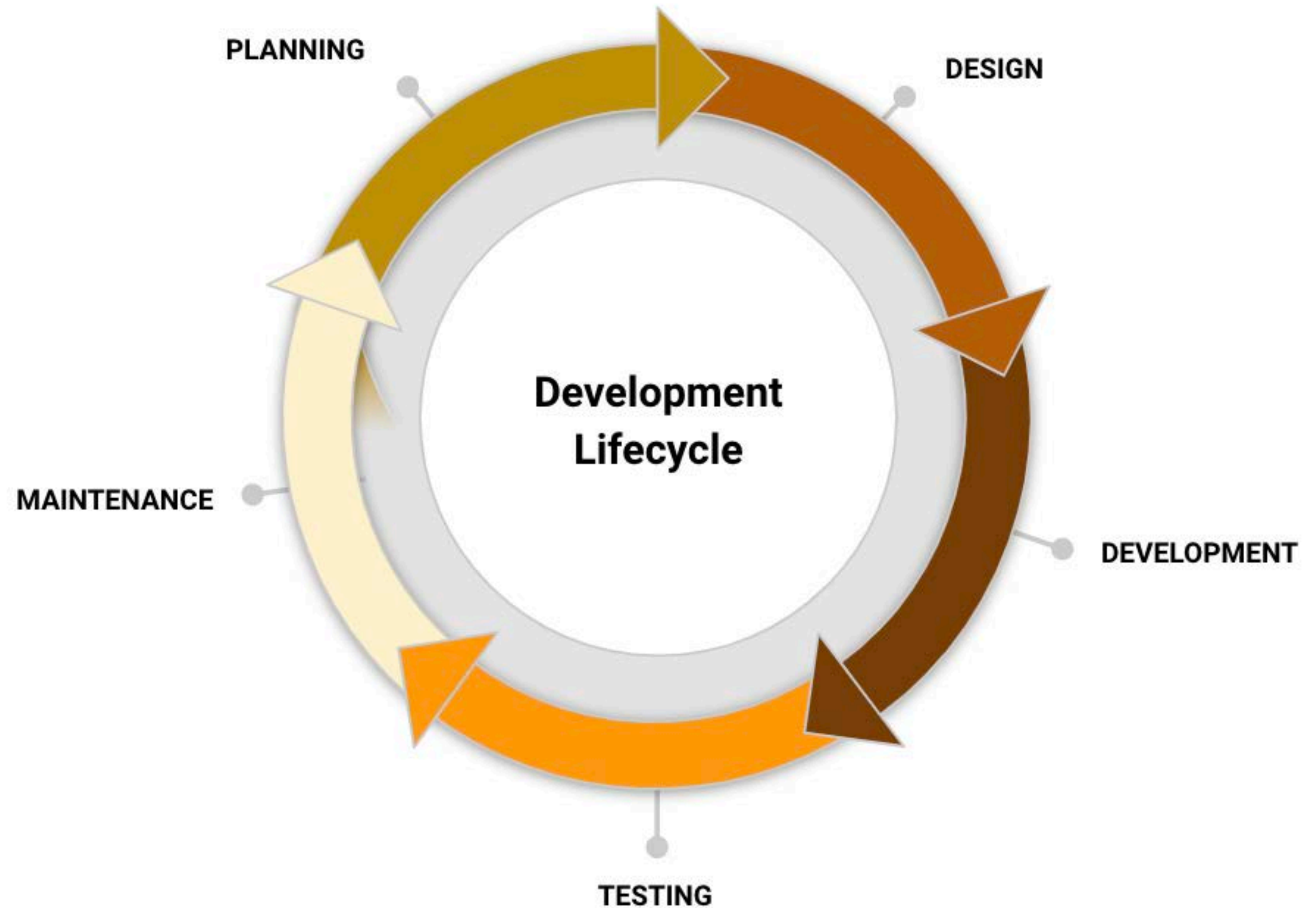


Why aren't **testers** doing chaos?



Before there was **Chaos Engineering**,  
there was **Chaos Testing**

# Software Development Lifecycle

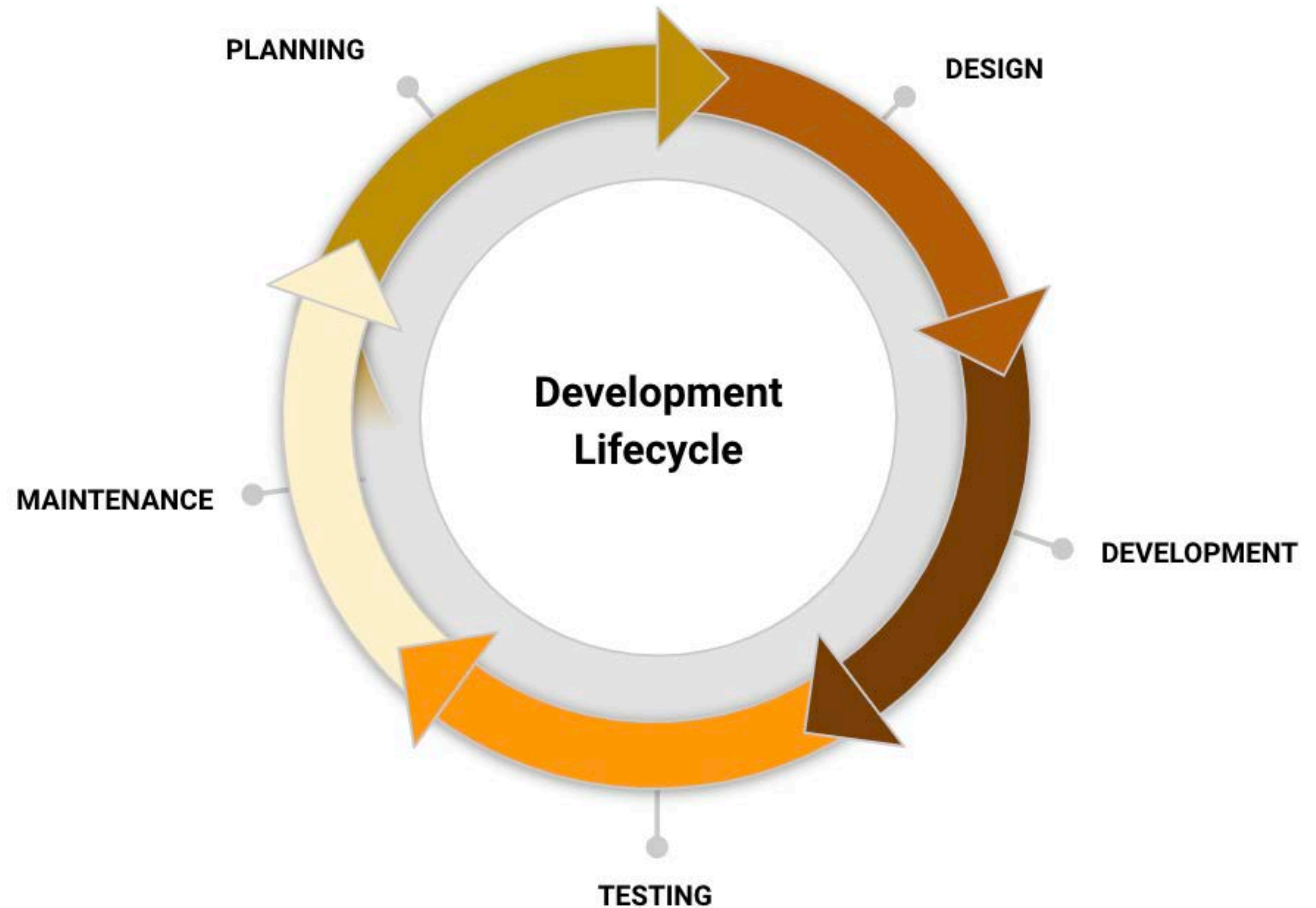


It was called  
chaos testing



**BUT WHO'S ON CALL**

# Software Development Lifecycle



**The biggest limitation in the fear of delivering software faster is the focus on adding more pre-release testing.**

**- Abby Bangser, Platform Test Engineer at MOO**



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**...building confidence that we aren't fragile.**

**- Abby Bangser, Platform Test Engineer at MOO**



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# Testers doing chaos?!



# Testers doing chaos?!

- Focused on pre-release testing
- Early research and pilots
- Automation of chaos experiments





**Our engineers come up with the chaos experiments, and then our testers run and automate them.**

**- Director of Engineering, Very Large Company**



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Who can **start** a chaos program?

# Who has?

- Insights



# Who has?

- Insights
- **Access**



# Who has?

- Insights
- Access
- **Buy-in**



**There's a directive from our CTO to start a chaos program [after losing \$600M in 22 minutes].**

**- Director of Testing, Anonymous**



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Do I need to wait for a **catastrophe**?

**Perhaps aggregate bits and pieces from different [resilience engineering] frameworks that appeal to you, and then create a practice around it.**

**- Casey Rosenthal, CEO at Verica**



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**I wish the best of luck to you in that undertaking, but I wouldn't wager that you get it right on your first try. Or your second.**

**- Casey Rosenthal, CEO at Verica**



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# Final thoughts



# More adoption of chaos engineering

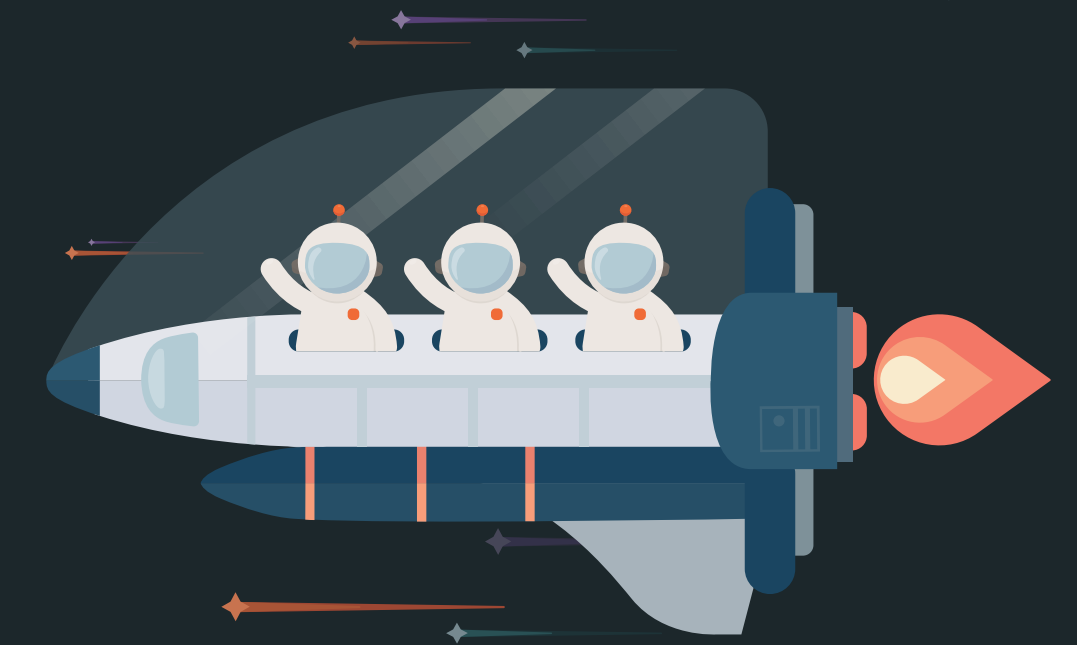


# A shift in roles and responsibilities



# Building a culture of resilience





# Thank you

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[getpostman.com](https://getpostman.com)



# Resources

Building resilient APIs with  
chaos engineering  
[better practices blog](#)

Chaos leaders and tools  
[chaos slack community](#)

