

ThoughtWorks®

# 开发者体验成为 新的差异化竞争优势

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*5.13@Beijing*

# 开发者体验

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用户体验 (UX)  
是指用户在使用产  
品、系统或服务中的  
感知和反应。

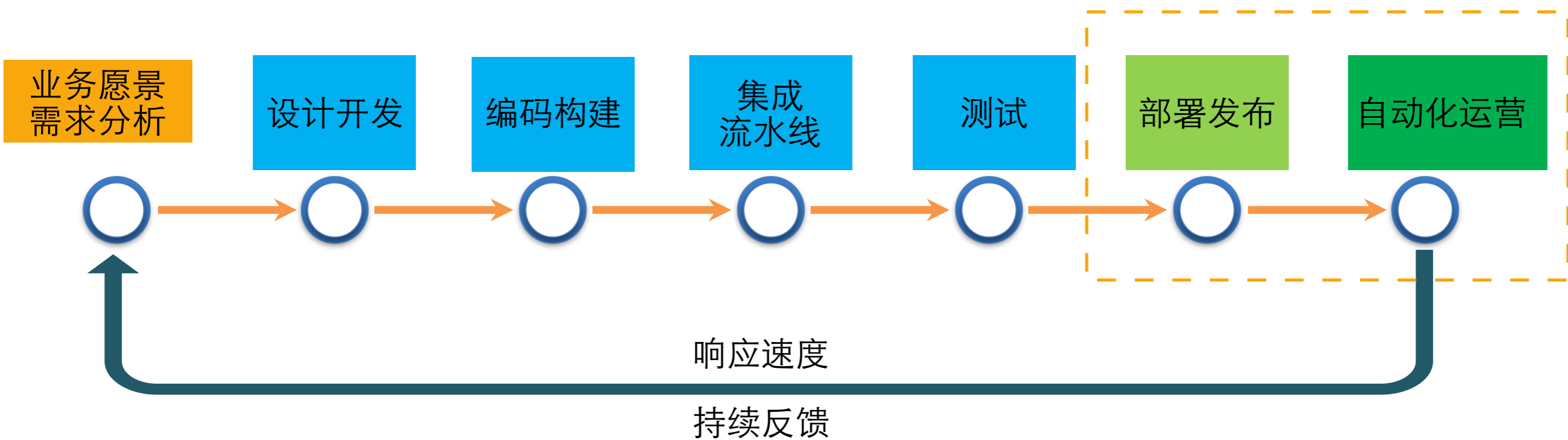




开发者体验(DX)  
是以开发者为用户，  
关注他/她在工作过  
程中的感知和反应。



# 软件交付价值流



CxO



Architect



Tech Lead



Developer

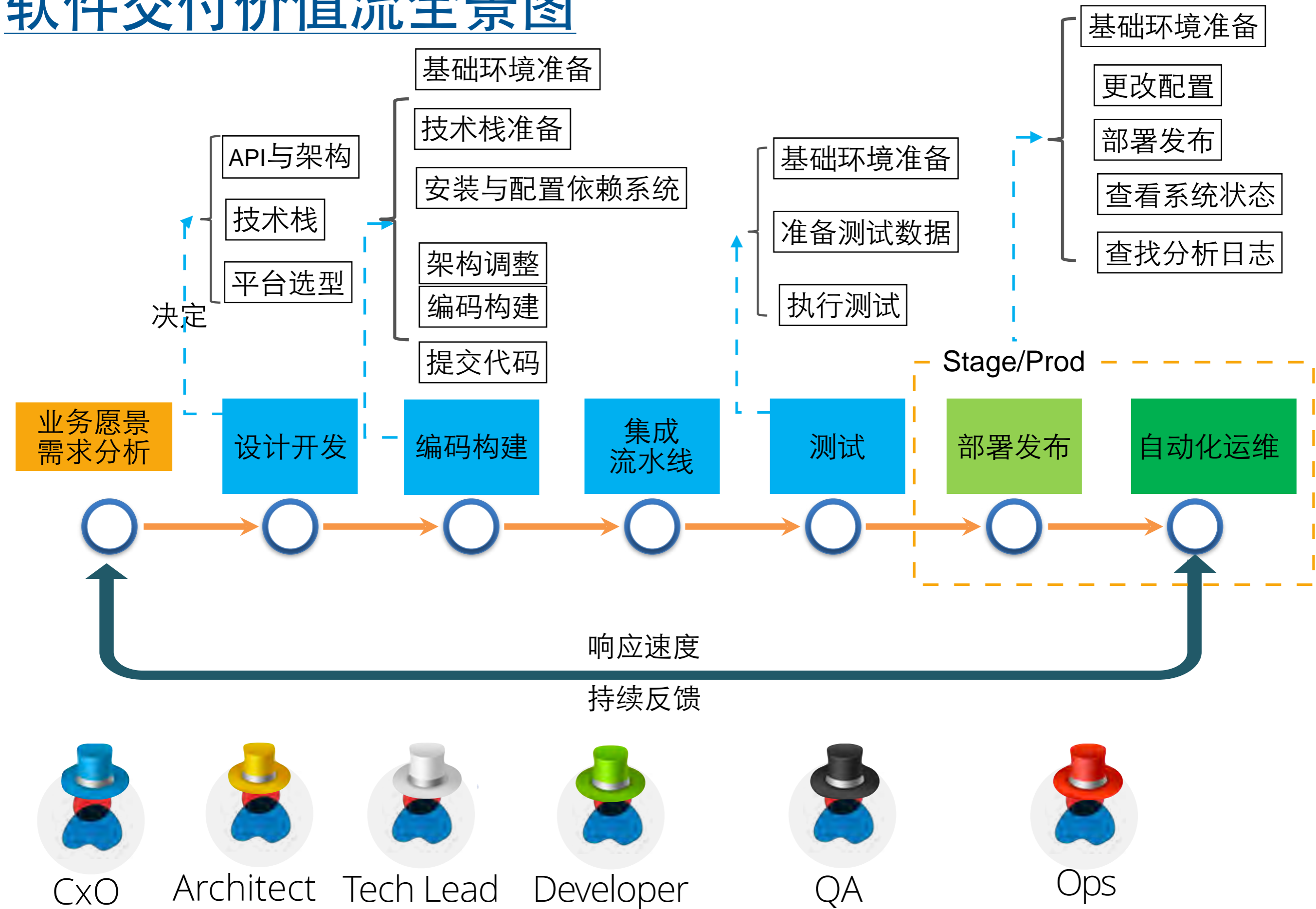


QA

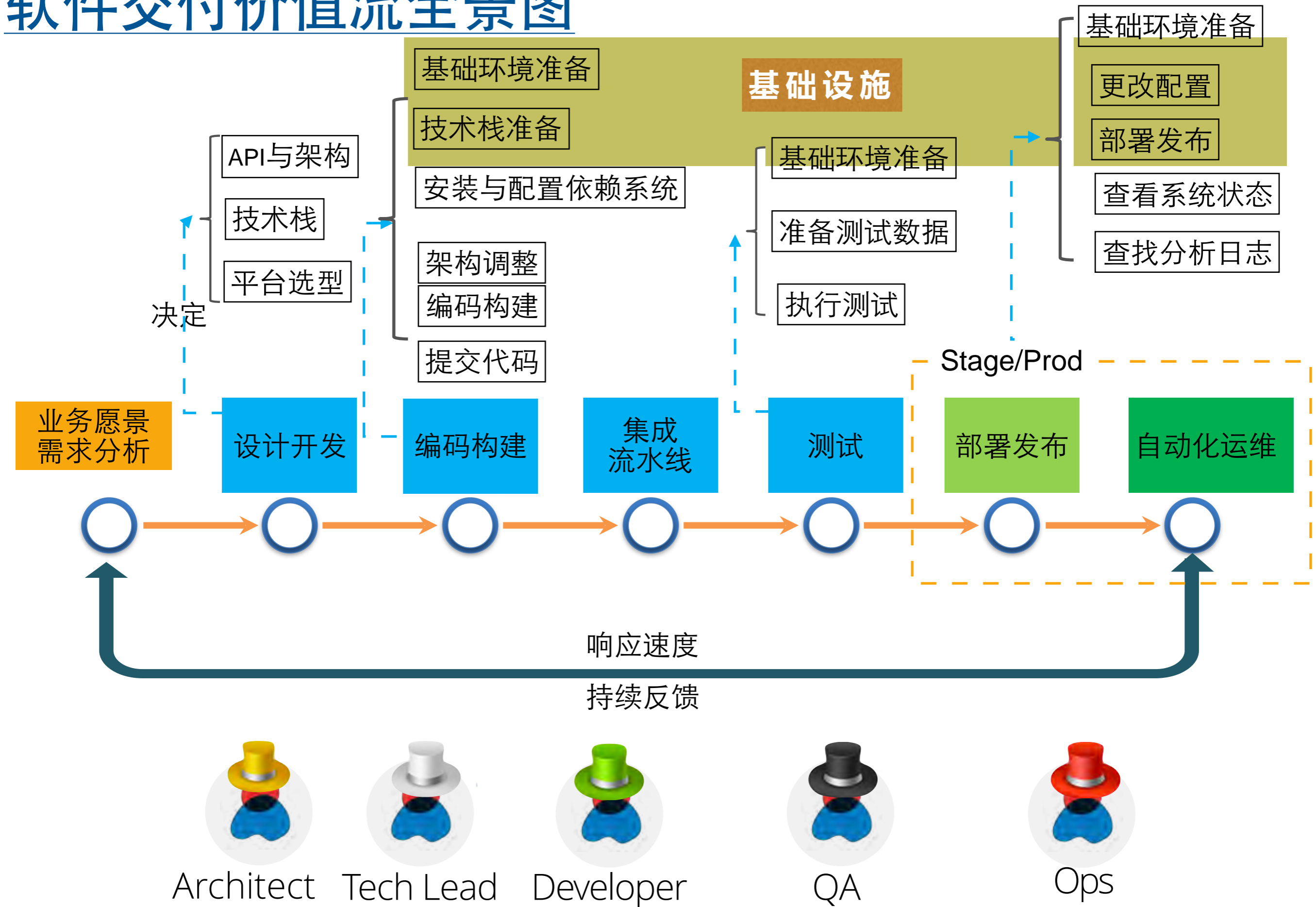


Ops

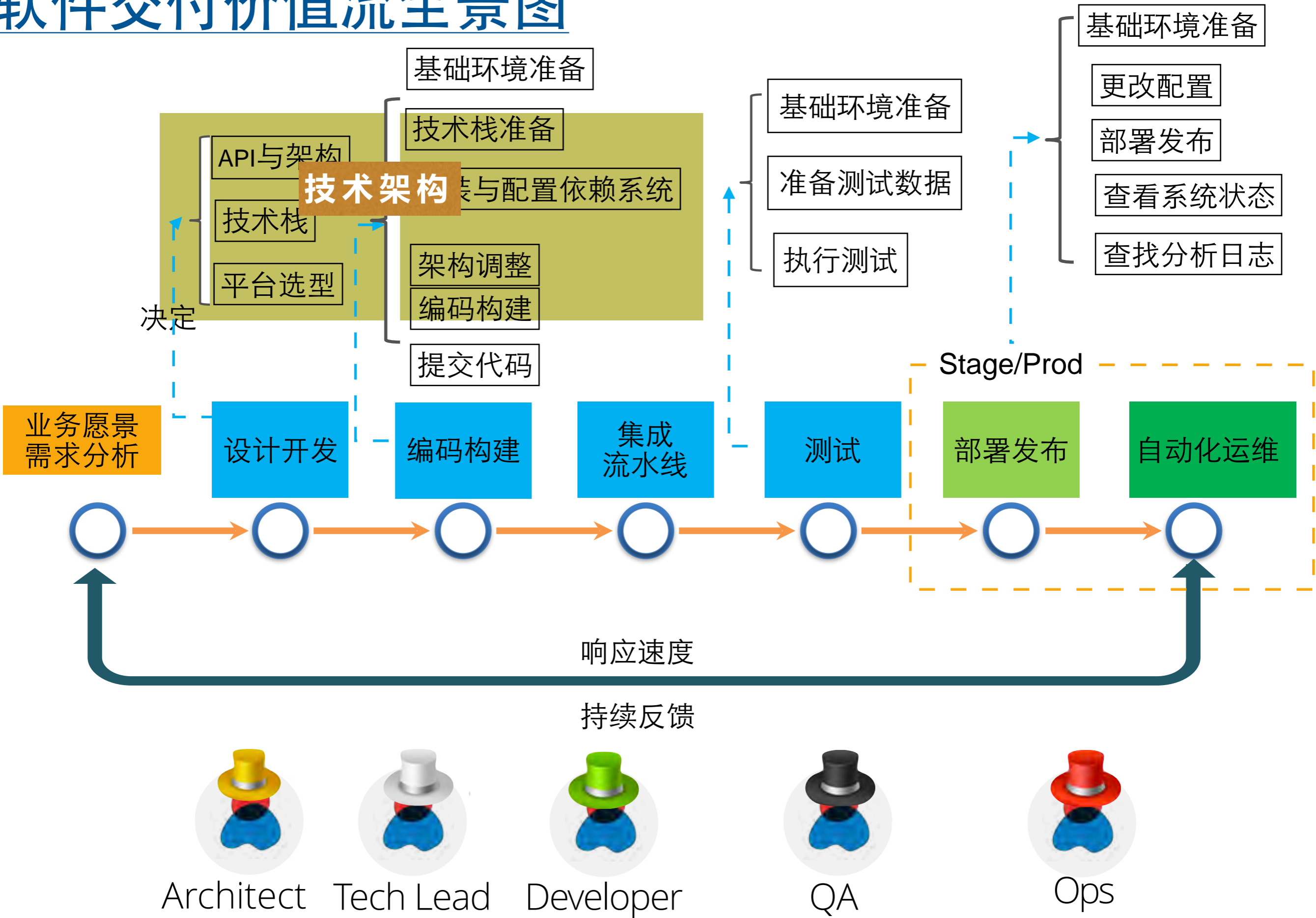
# 软件交付价值流全景图



# 软件交付价值流全景图

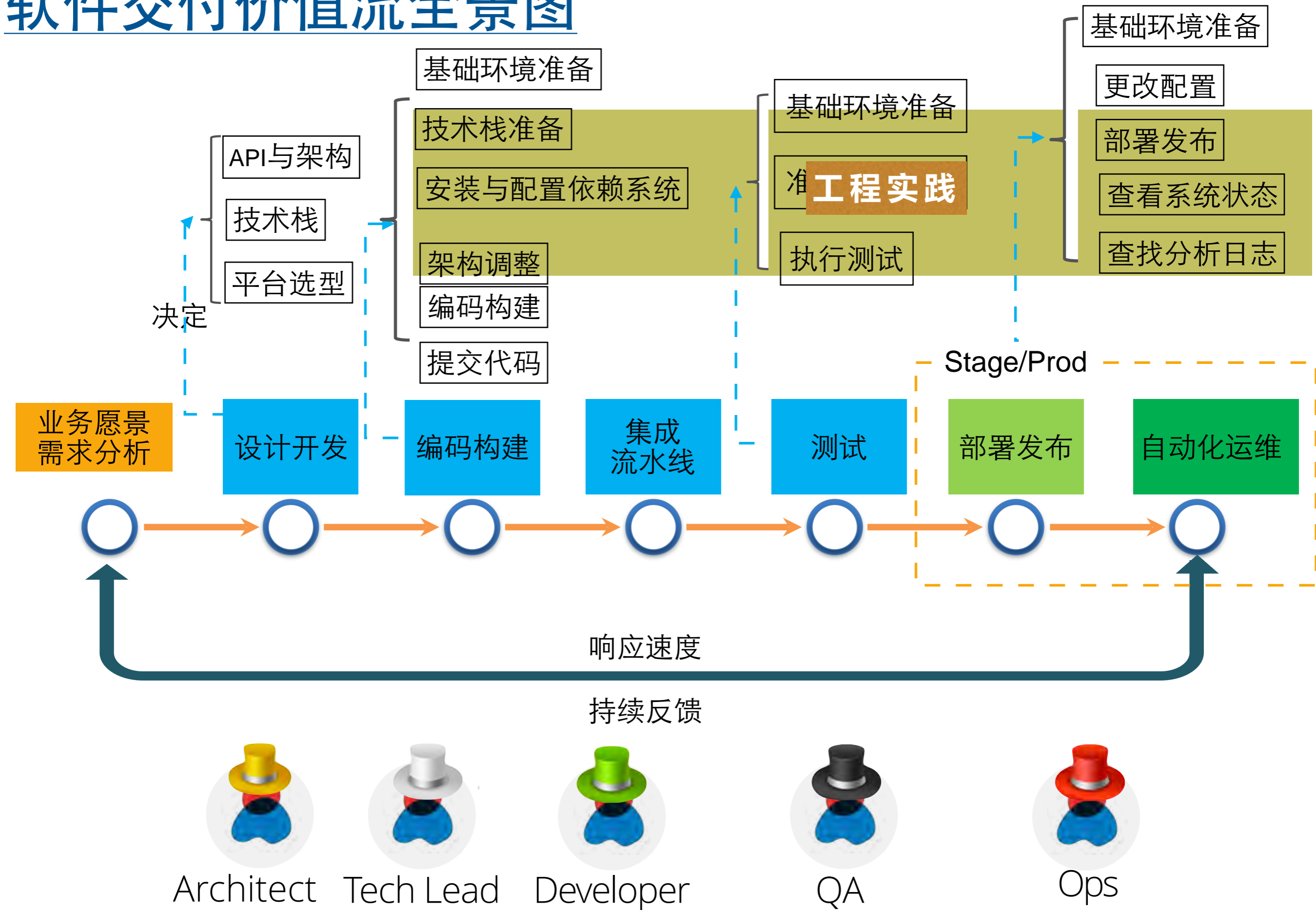


# 软件交付价值流全景图

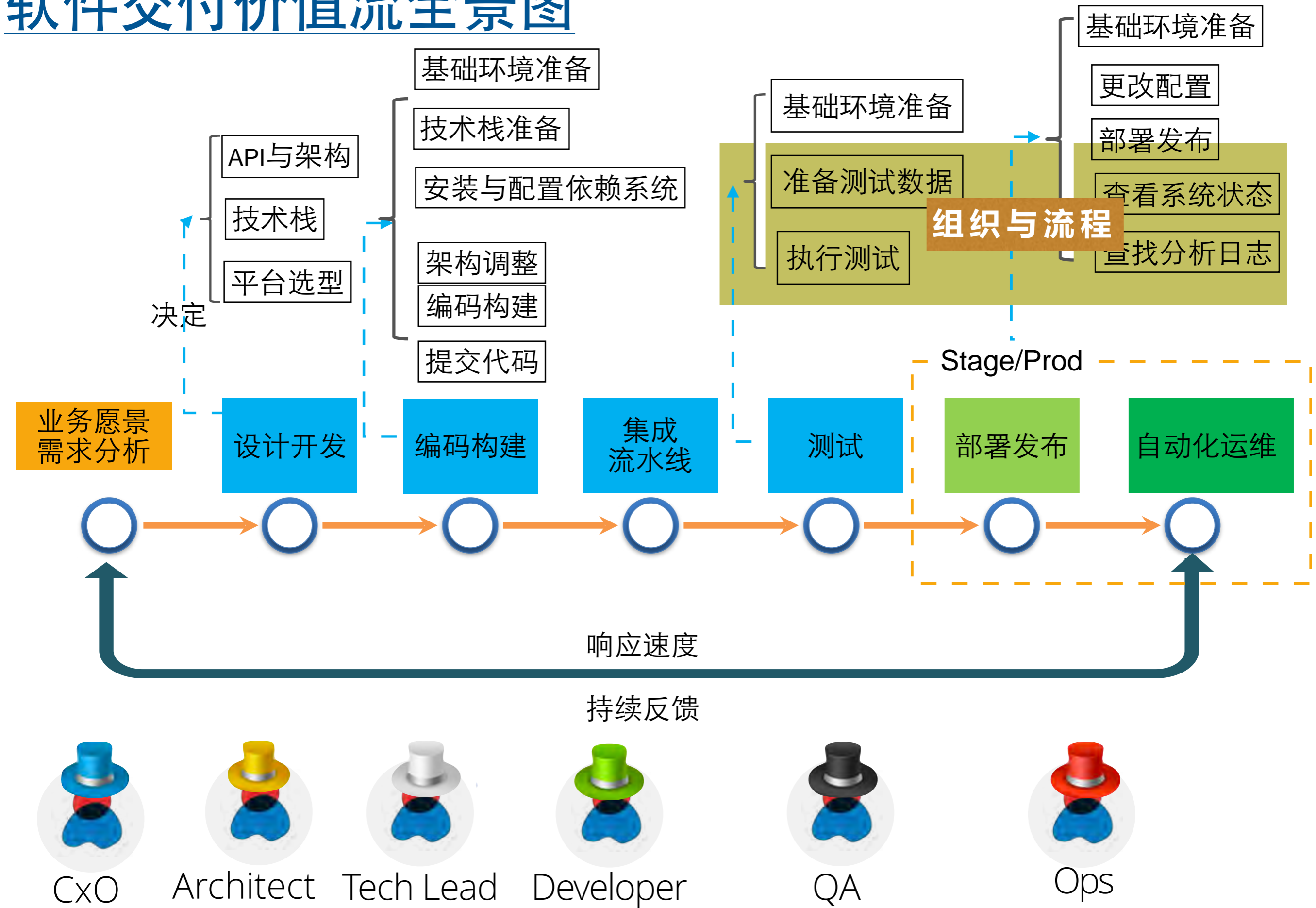




# 软件交付价值流全景图



# 软件交付价值流全景图





开发者体验(DX)是以  
开发者为用户，将工作过  
程中的**技术支撑**与**组织支  
撑**看作产品与服务，关注  
开发者在使用中的感知和  
反应。



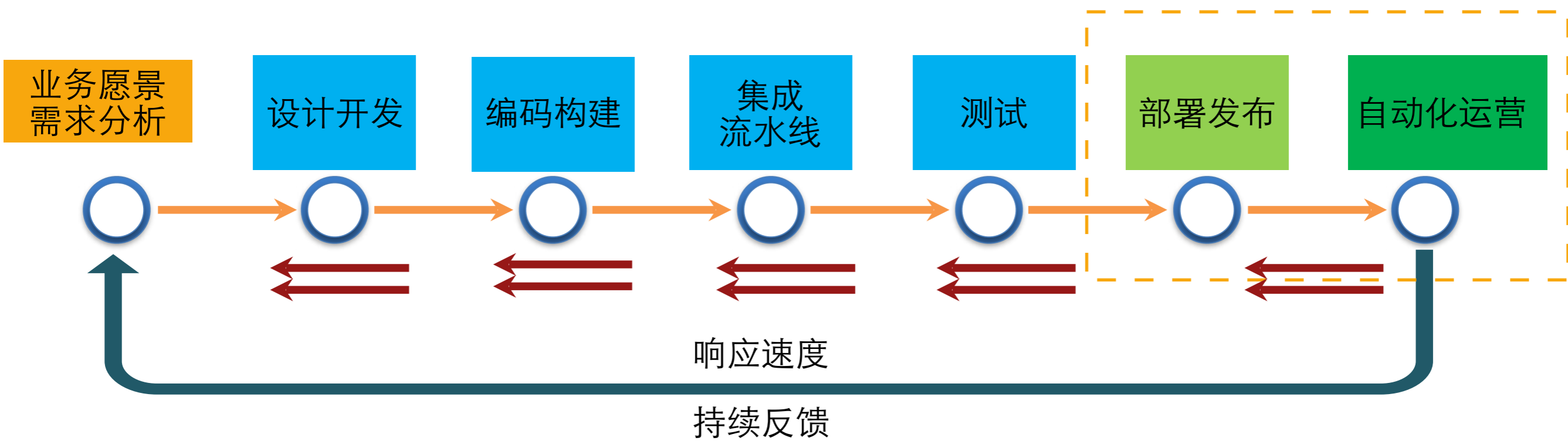
**为什么我要关注？**

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创新  
速度  
效能

# 软件交付价值流



# 软件交付价值流



基础设施

技术架构

工程实践

组织与流程

业务愿景  
需求分析

设计开发

编码构建

集成  
流水线

测试

部署发布

自动化运营



响应速度

持续反馈



消除摩擦，  
加速交付价值



# 打造更好的面向开发者的技术产品与支撑



# 留住和吸引优秀人才



AWS Lamda



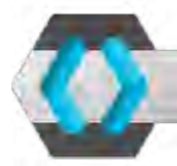
AWS Device Farm



amazon  
web services™



*Auth0*



Google Cloud



*Wit.ai*

api.ai

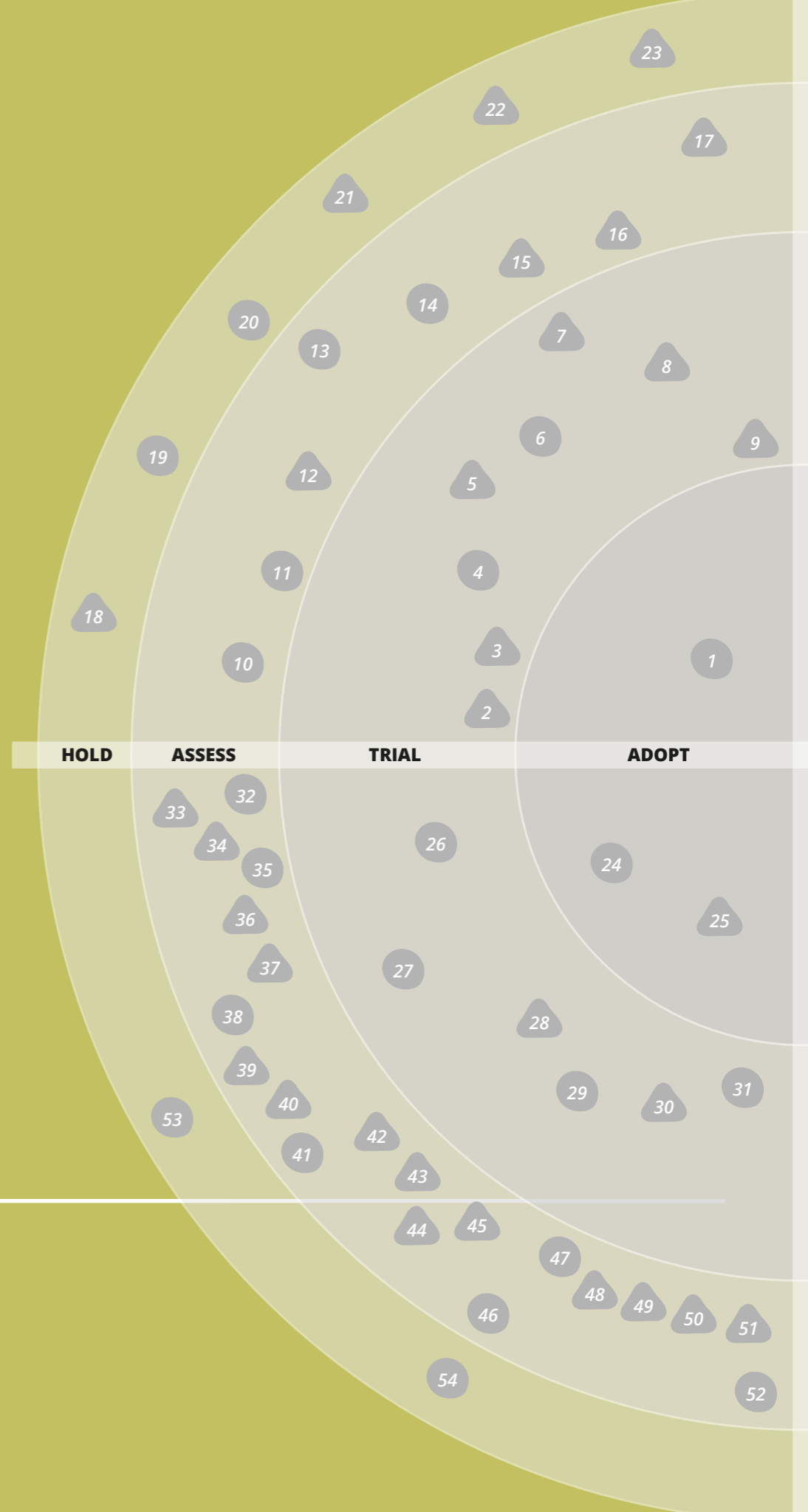




开发者体验(DX)是以开发者为用户，将工作中的**技术支撑与组织支撑**看作产品与服务，关注他/她在**使用中的感知和反应**；致力于**消除这些产品与服务带来的摩擦力**，进而快速交付价值，获得反馈



# 如何提升?



# 用户体验方法打造低摩擦力的产品



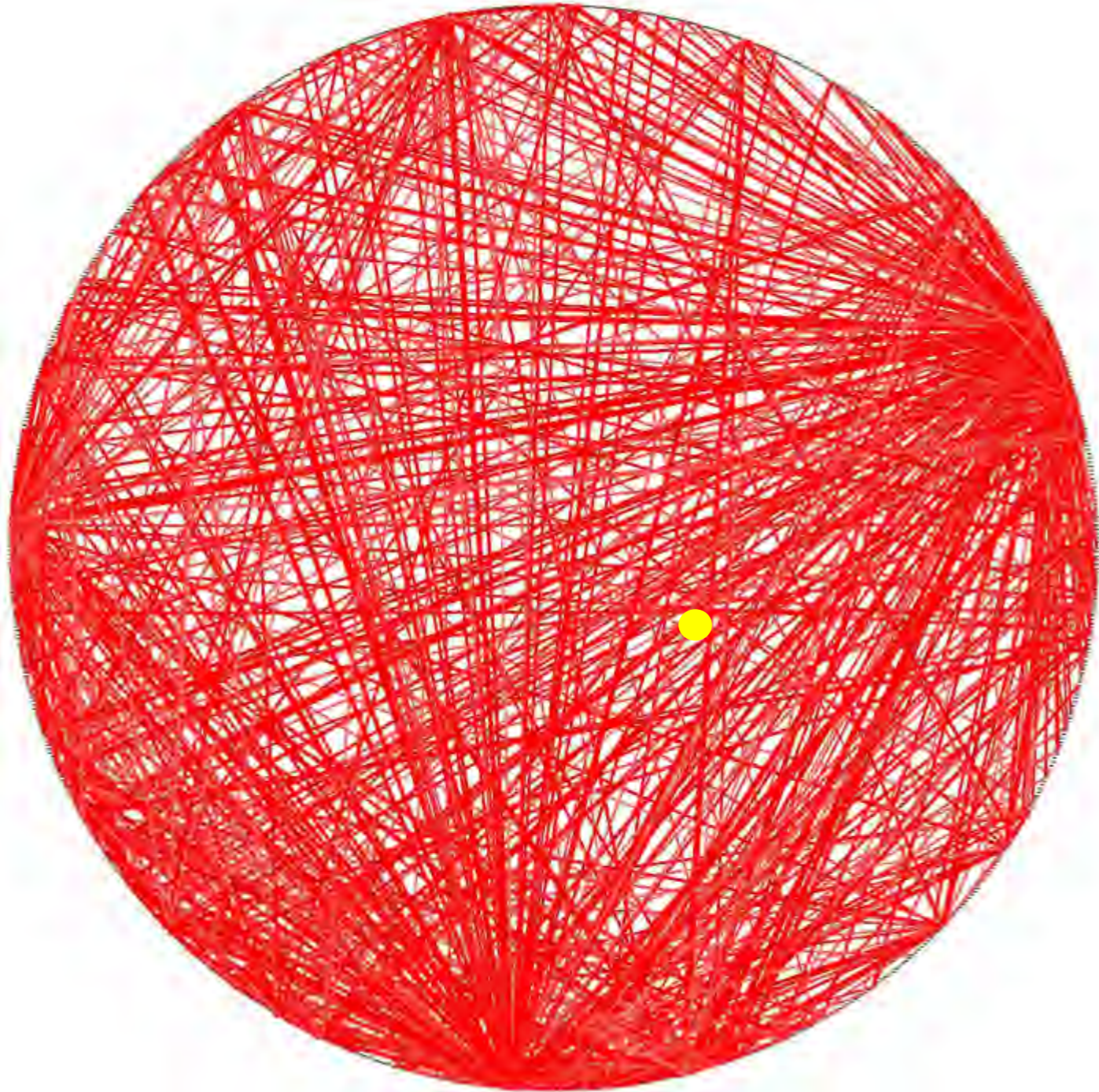
Low Friction Product

Empathy Design

Developer Research

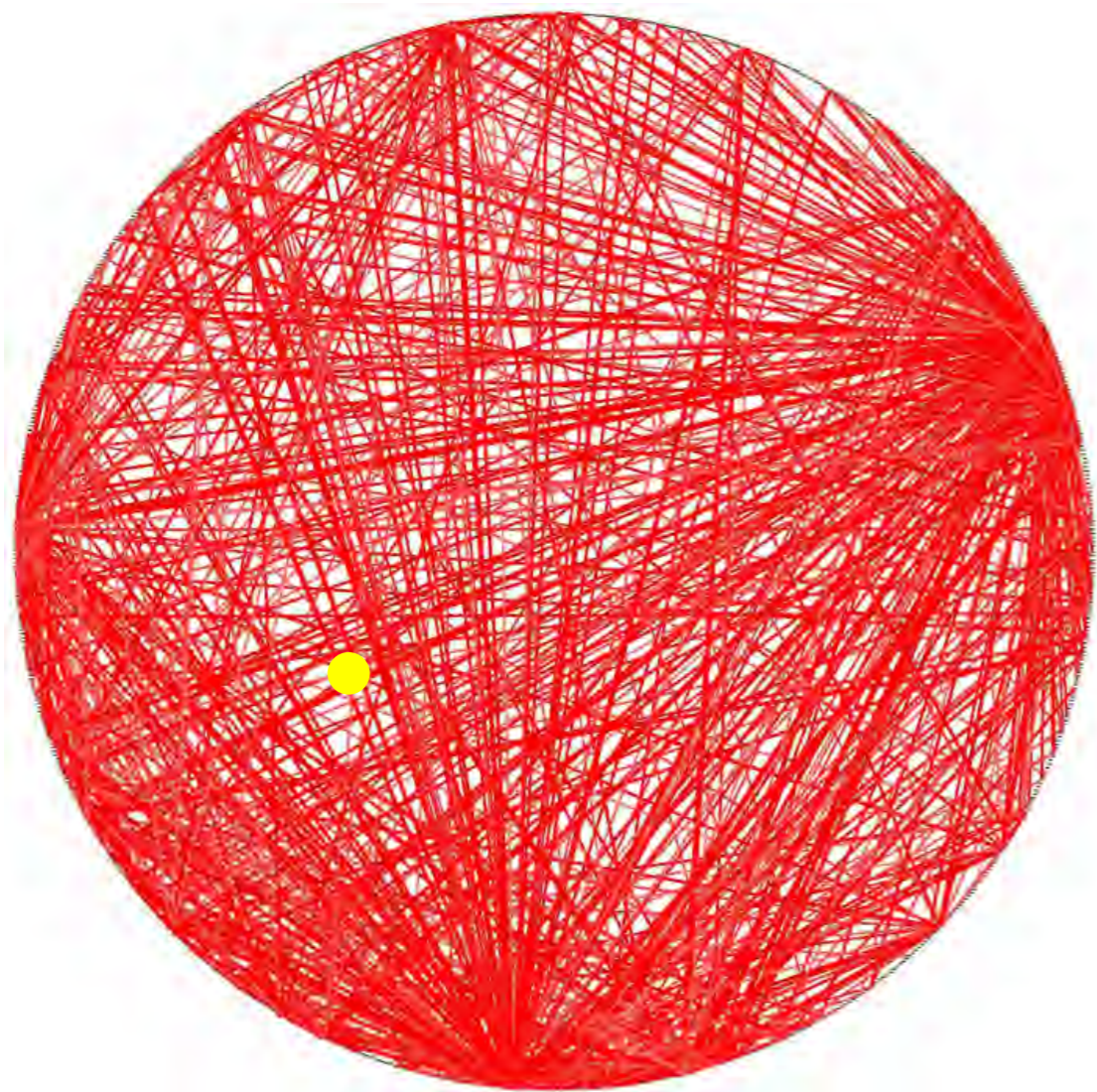
Developer Journey Map

# 技术架构

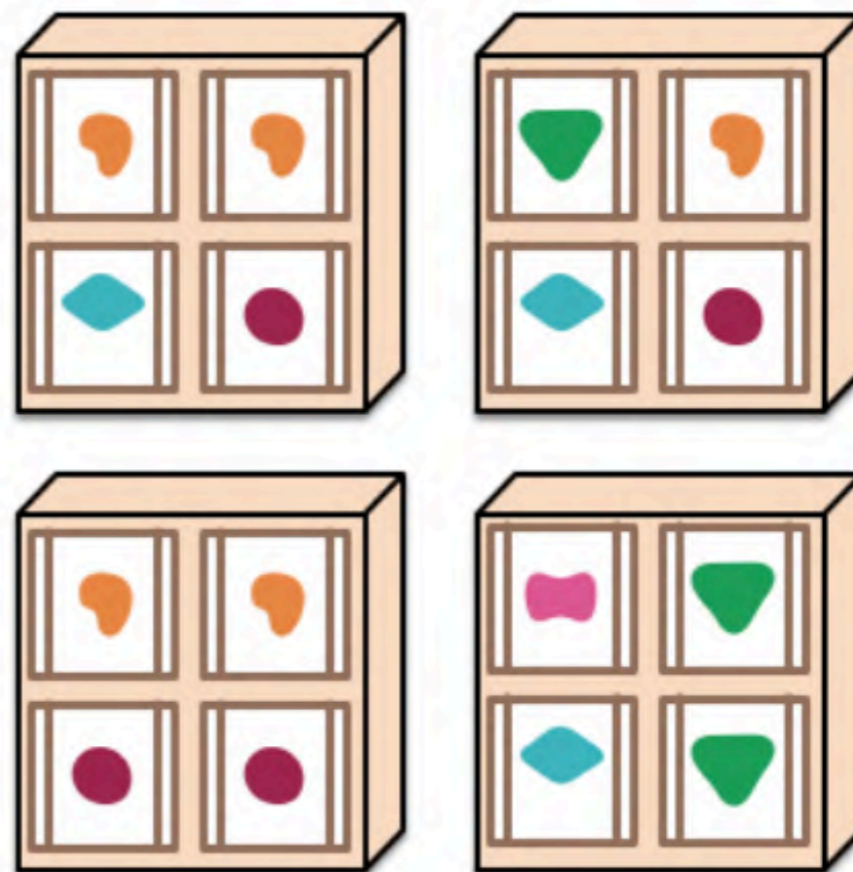


代码难懂  
没有测试  
文档老旧  
不了解影响  
过时的技术栈和依赖

# 技术架构

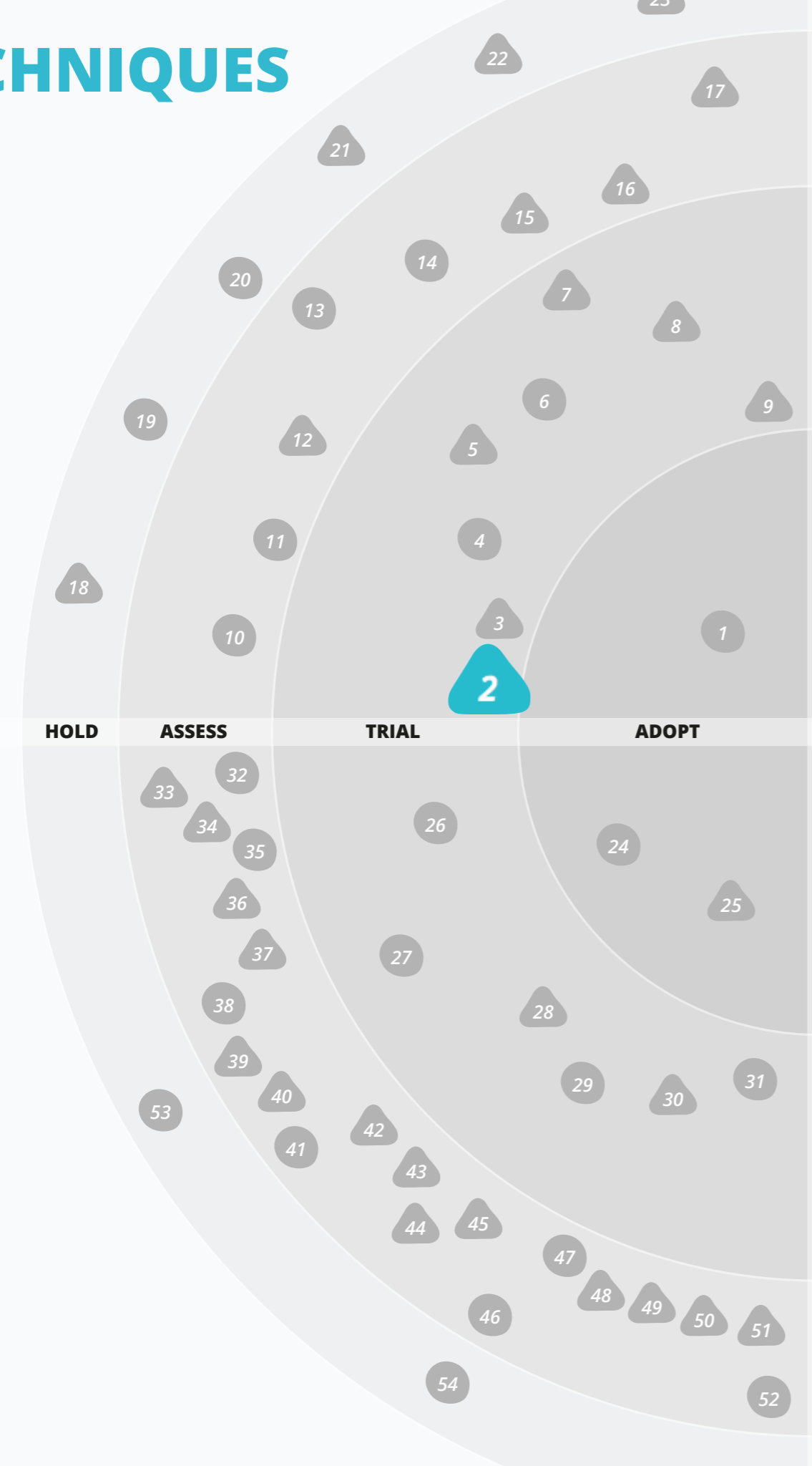


**HIGH FRICTION**



**LOW FRICTION**



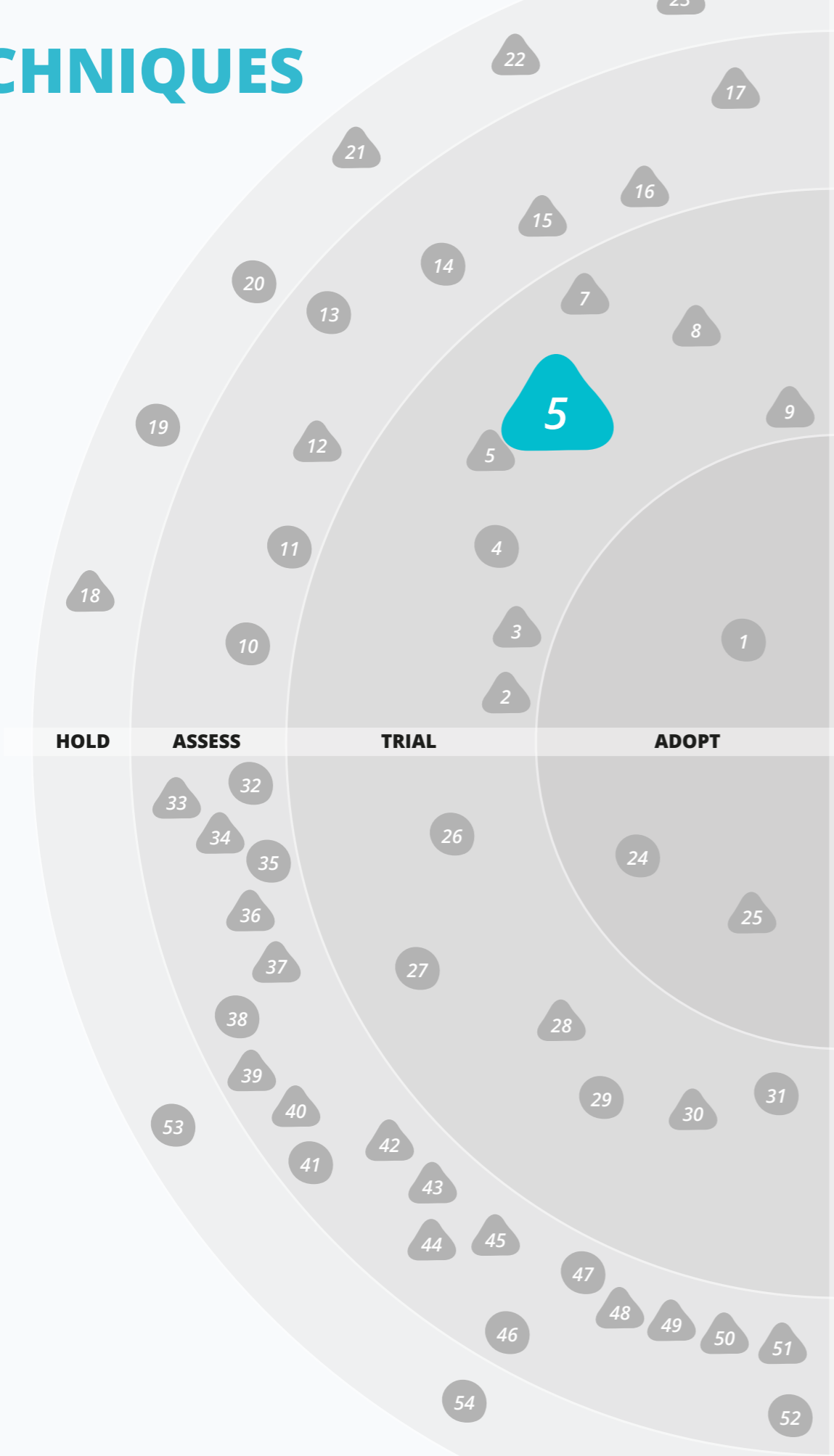


# API as product

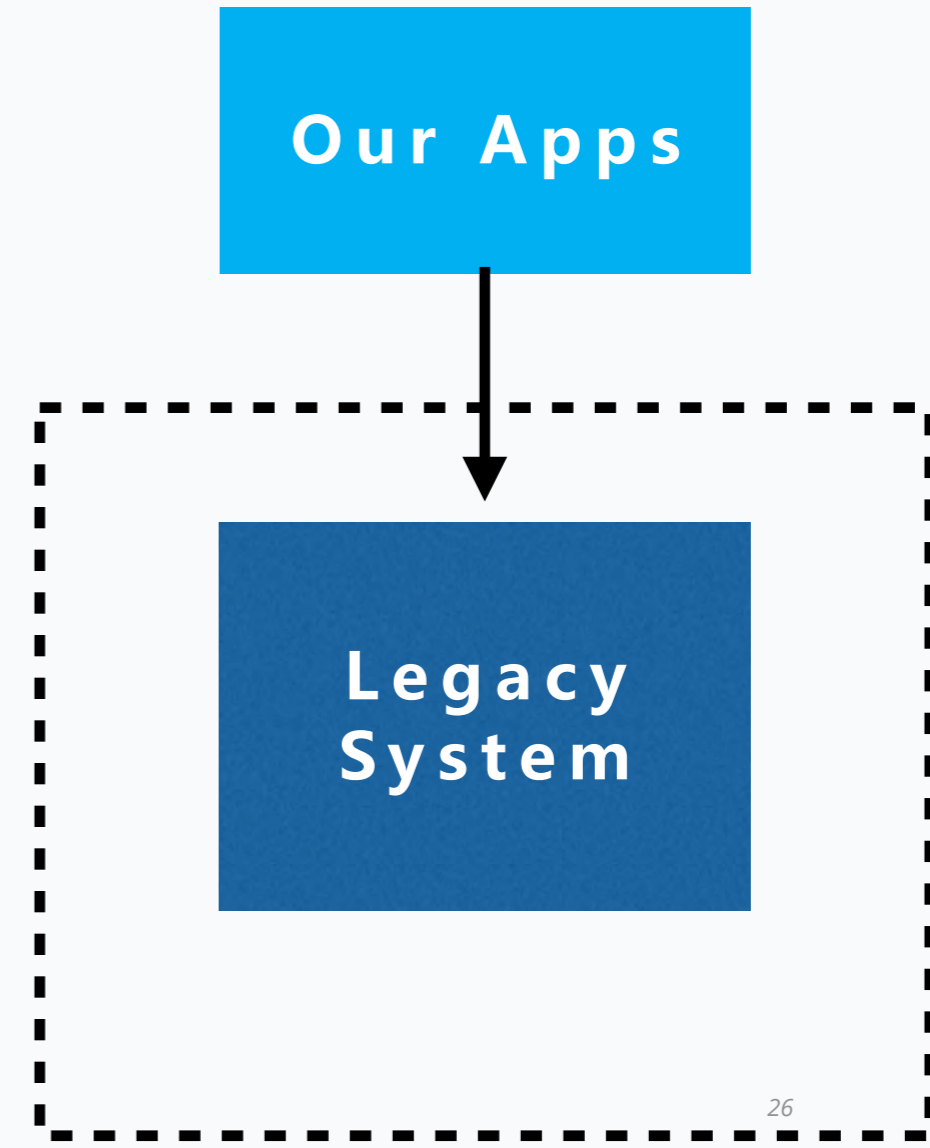
Creating an low friction API for developer

- Easy to Understand
- Easier to Use
- Easy to Debug
- Easy to Get Help
- Enjoyable to Use

# TECHNIQUES



# Legacy in a box



# 基础实施



**HIGH FRICTION**



**LOW FRICTION**

**PaaS**

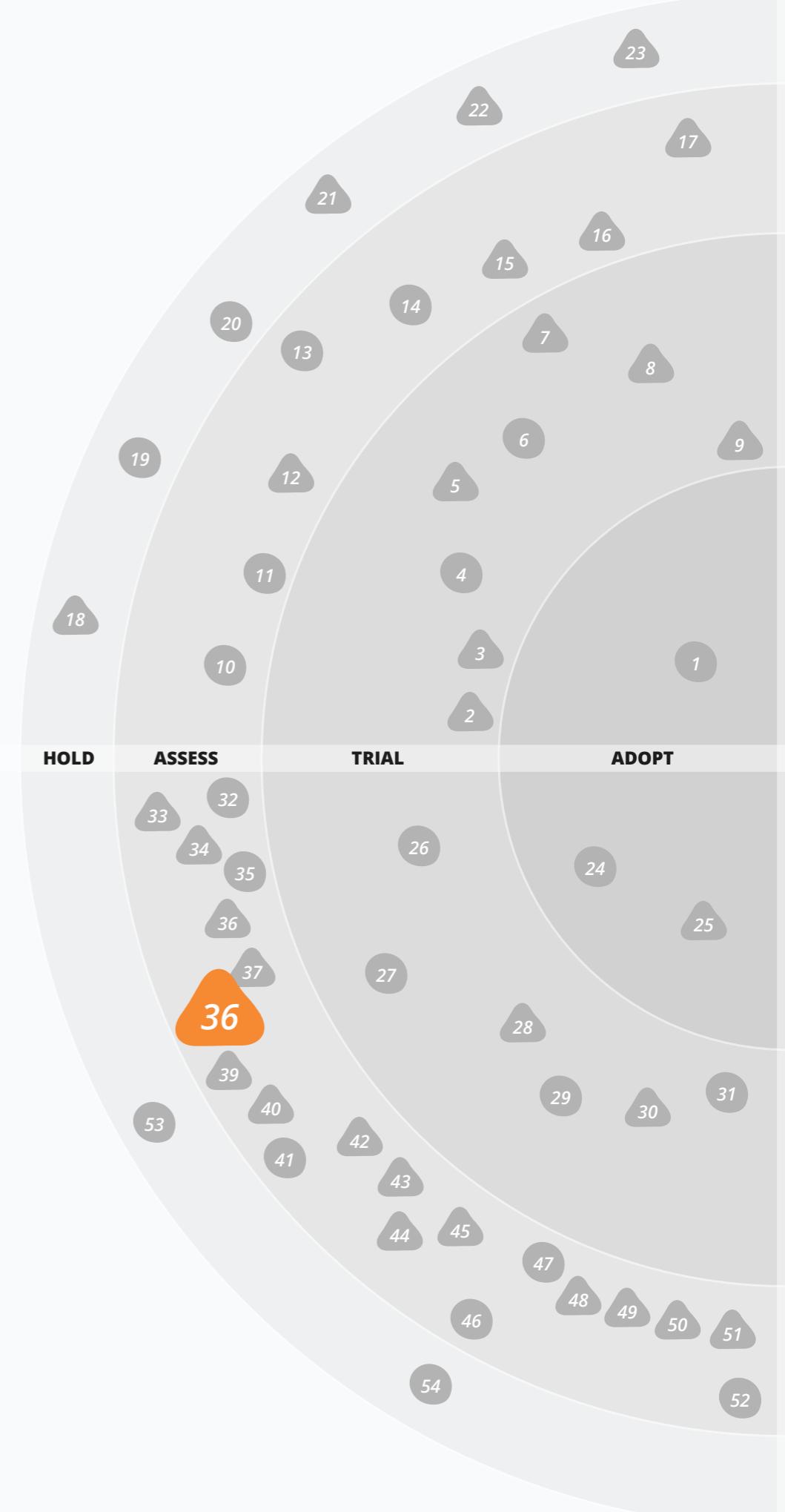
**IaaS**

## TECHNIQUES

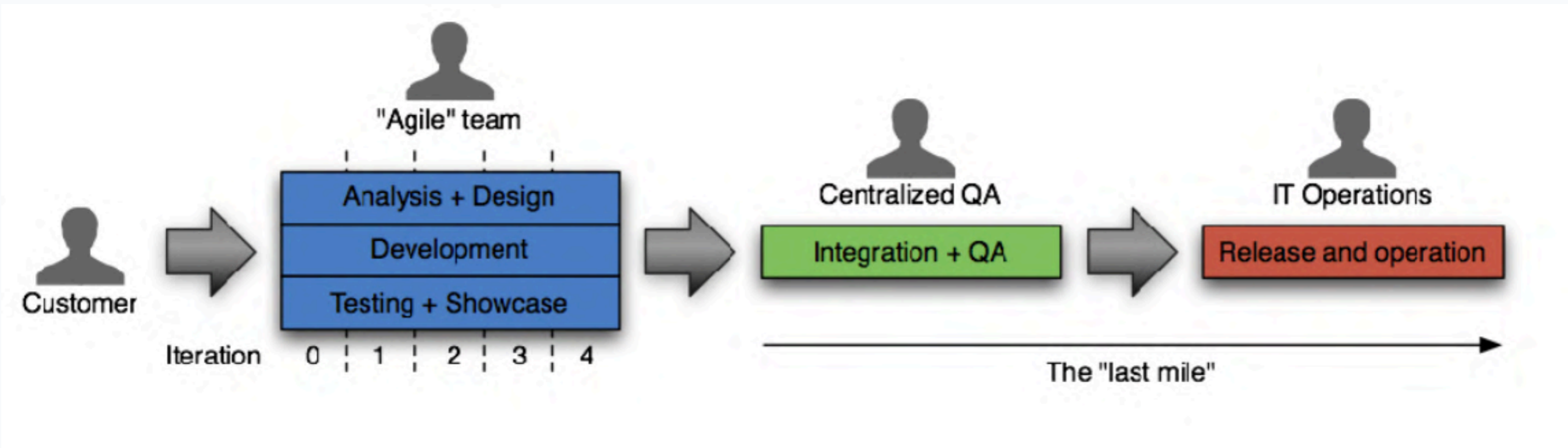
# Platform engineering product teams

Access

36



# 工程实践



**HIGH FRICTION**

# 工程实践

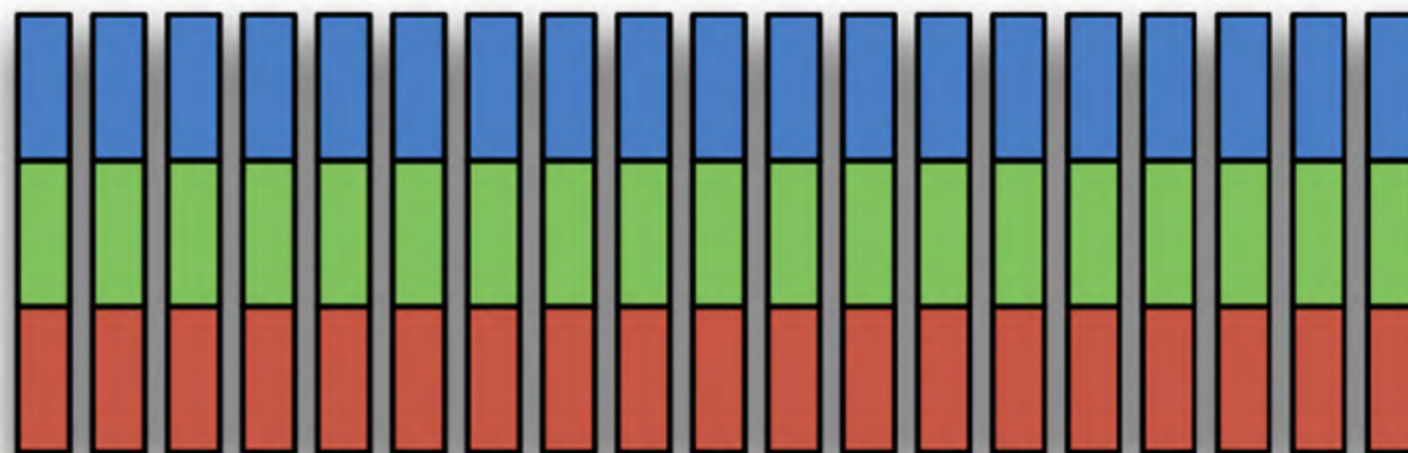
## CONTINUOUS DELIVERY



客户



交付团队



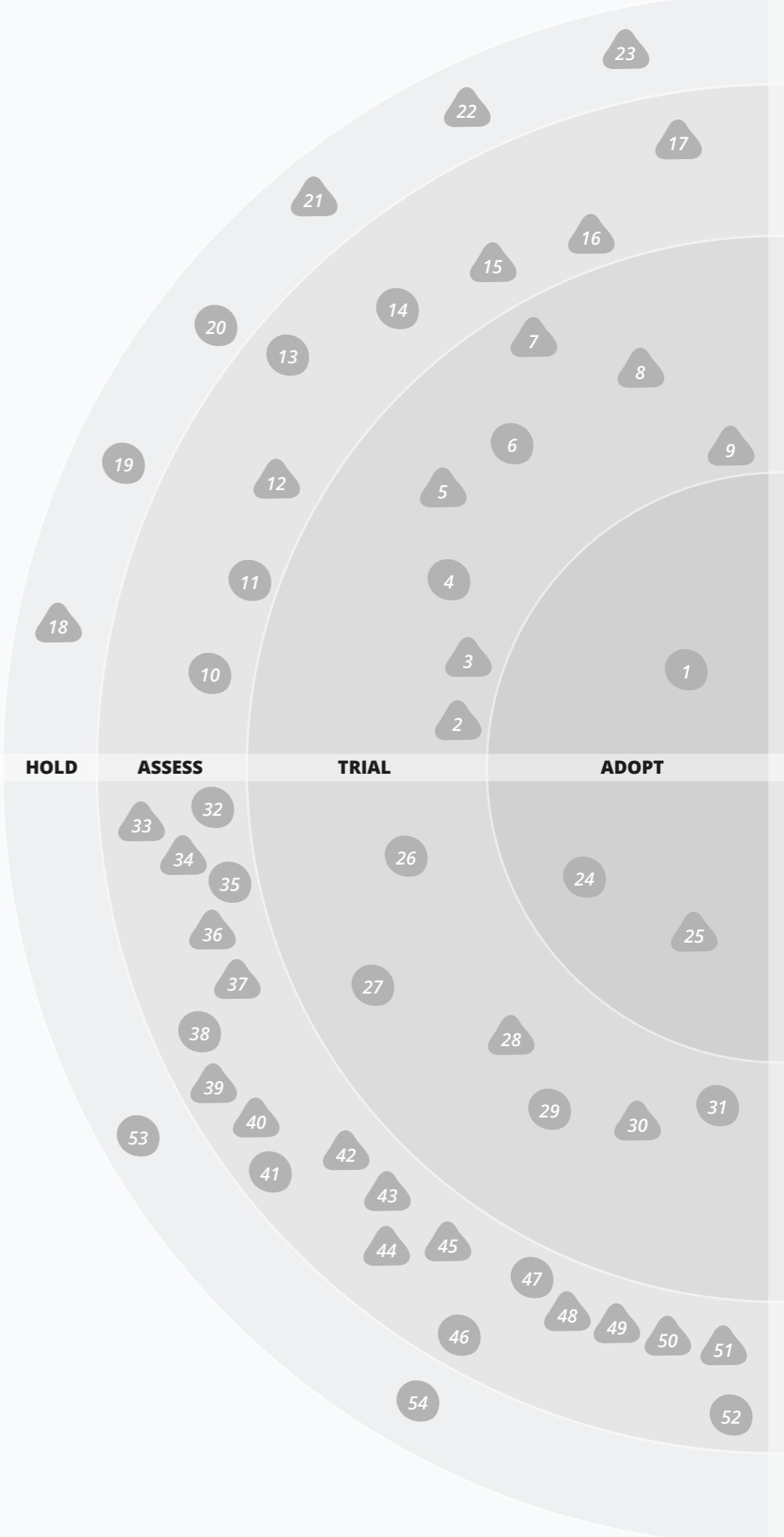
新特性从提出到发布至生产的一个有节奏的持续流动，并获得反馈

## LOW FRICTION

**TECHNIQUES**

# CI Theatre

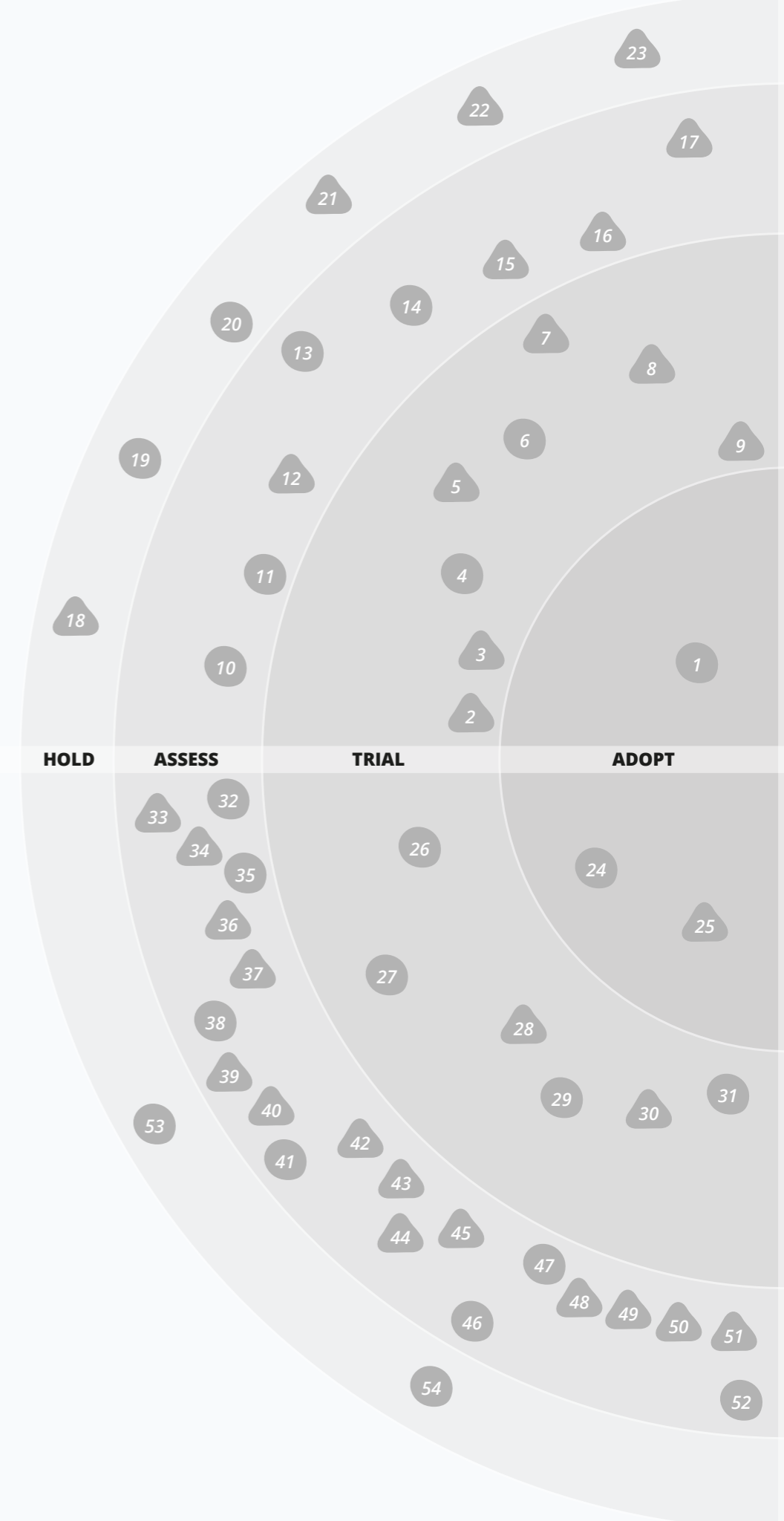
*Hold*



## TECHNIQUES

# A single CI instance for all teams

*Hold*

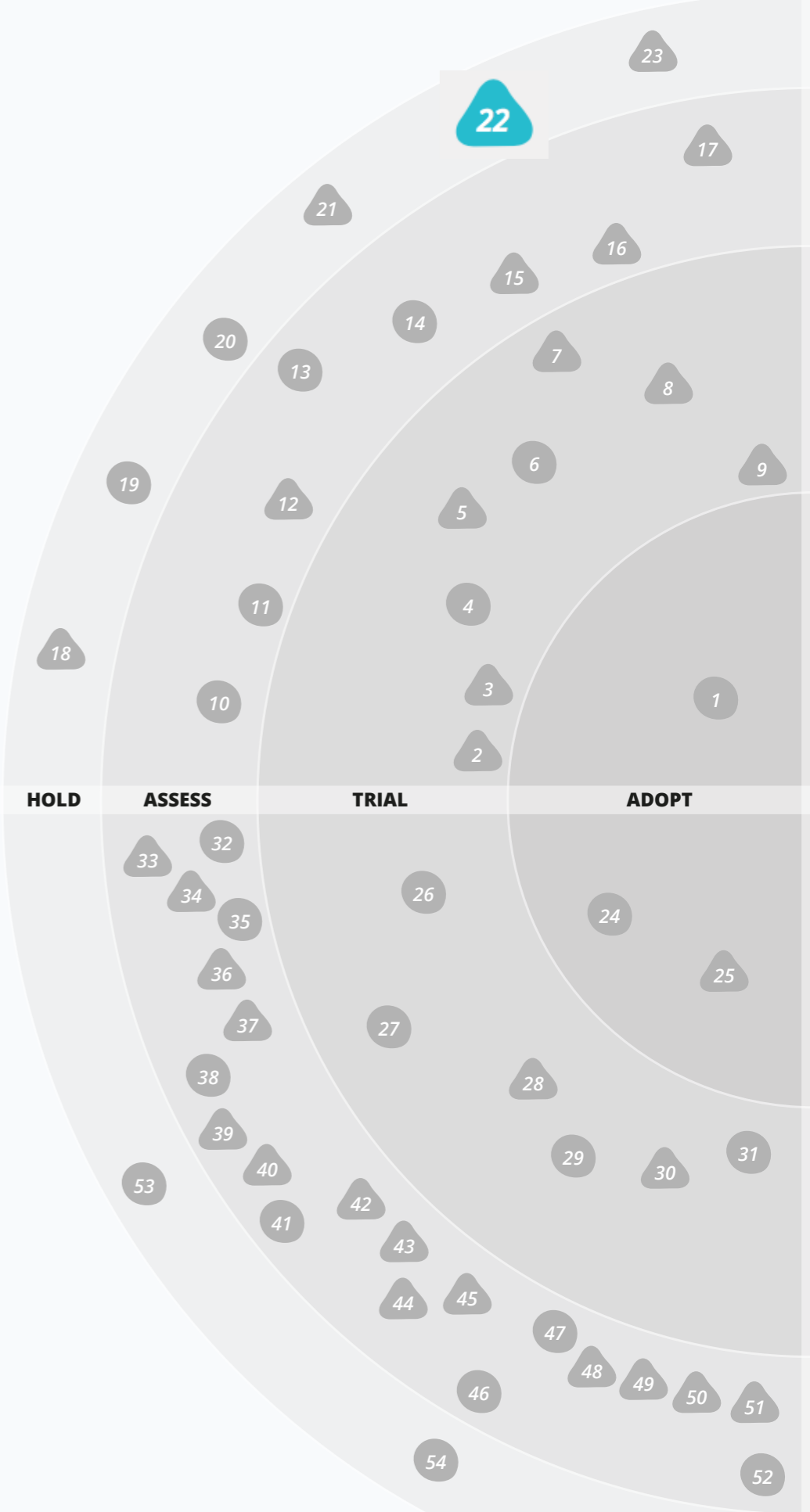




# TECHNIQUES

## Enterprise-wide integration test environments

*Hold*



# 组织流程



**HIGH FRICTION**

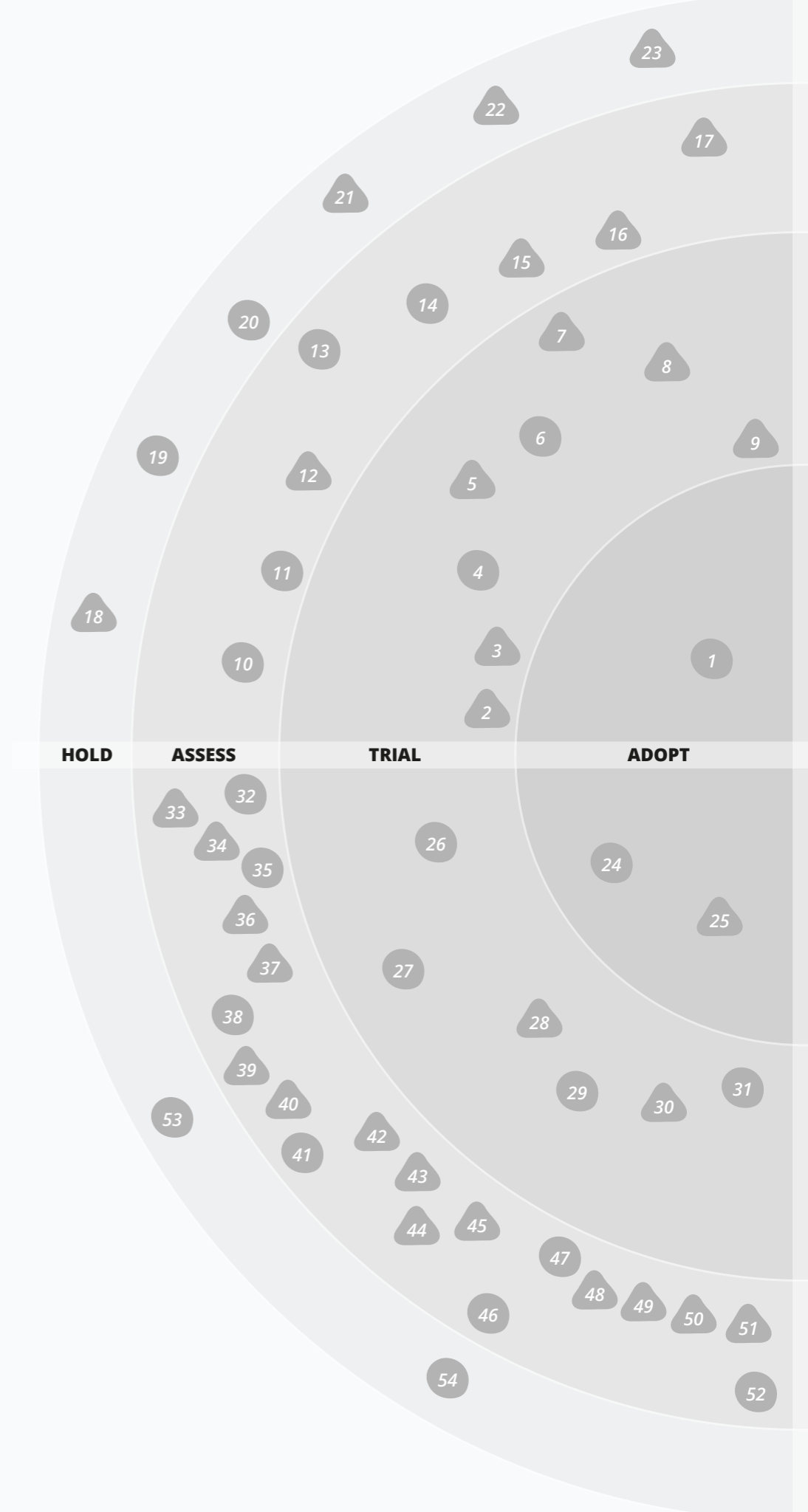


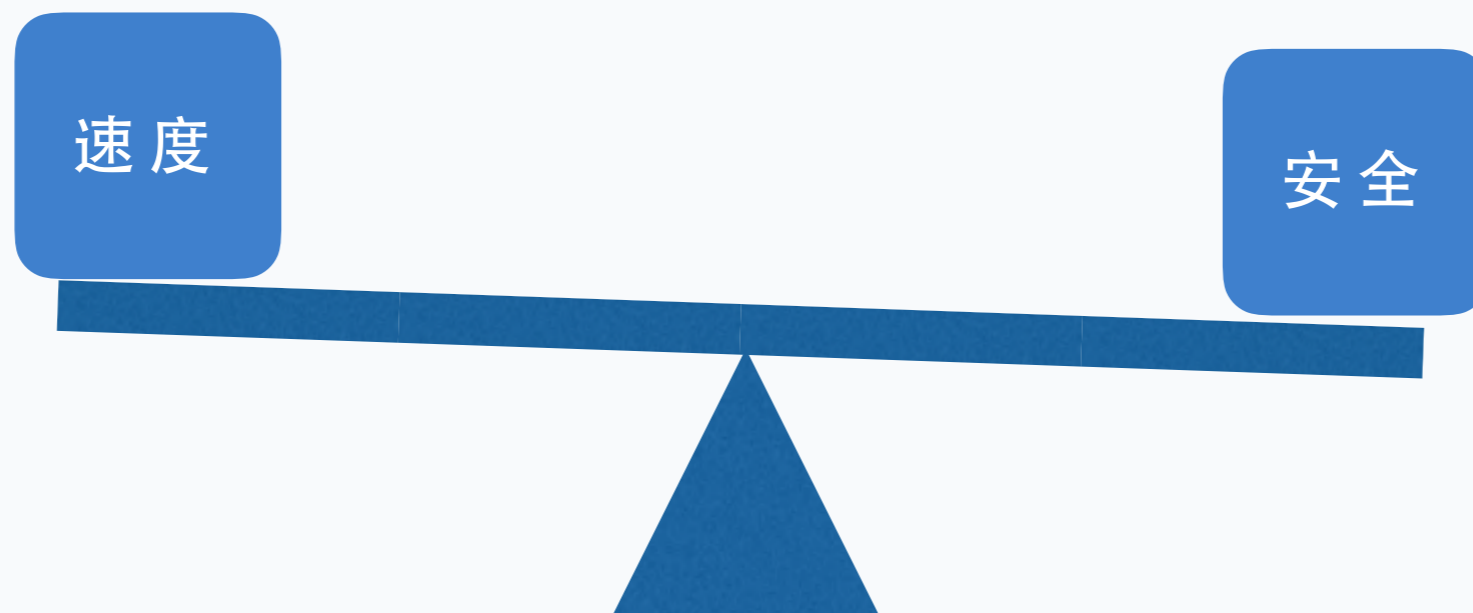
**LOW FRICTION**

# TECHNIQUES

## DevOps

*Adopt - Archived (2012)*







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别人家的开发者

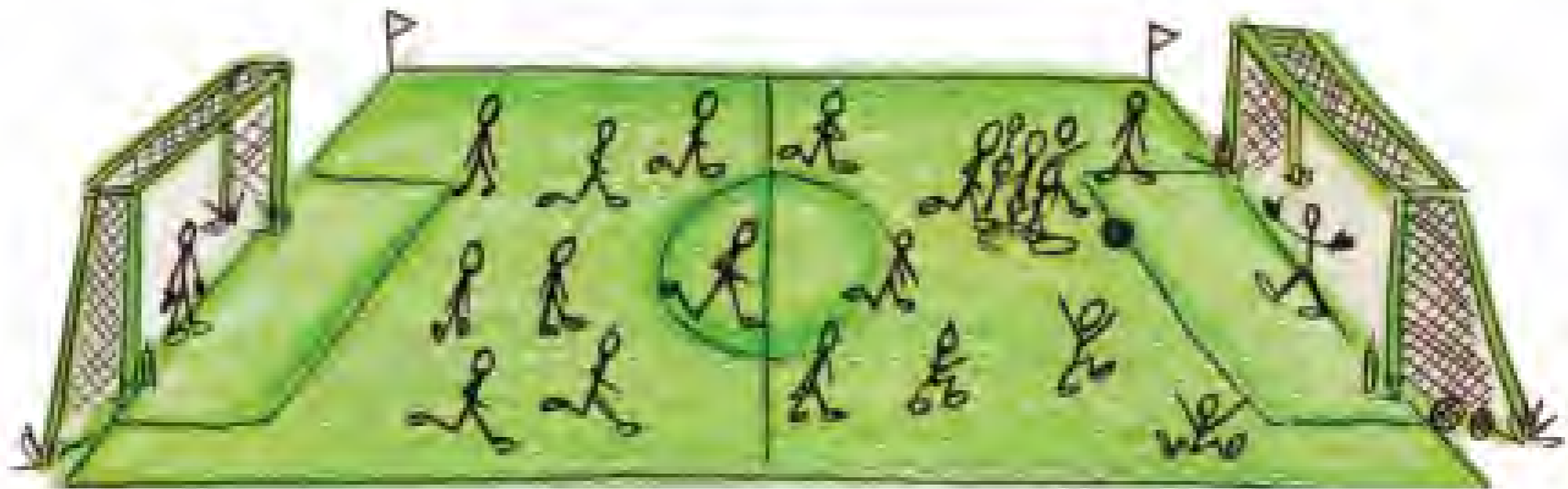
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**We hire them from you  
and got out their way.**

**-Netflix**







# 总结

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**关注开发者体验，  
从现在开始！**

# THANKS

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有问题请联系

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