

乔禹

某大型电商公司高级技术专家

《问题空间领域建模》



问题空间领域建模

乔禹 2018.6

乔禹

2010年加入阿里巴巴-淘宝技术部

2014年集团客户体验事业群

逆向交易

CRM

服务体系领域建模

消费者纠纷&商家通用服务



目录

- 日常工作中常见问题
- 整体解决方案
- 问题空间方法论
- 解决方案空间方法论
- 应用架构推导
- 存储架构推导
- ...

日常工作中常见问题

《How Projects Really Work》



How the customer explained it



How the project leader understood it



How the analyst designed it



How the programmer wrote it



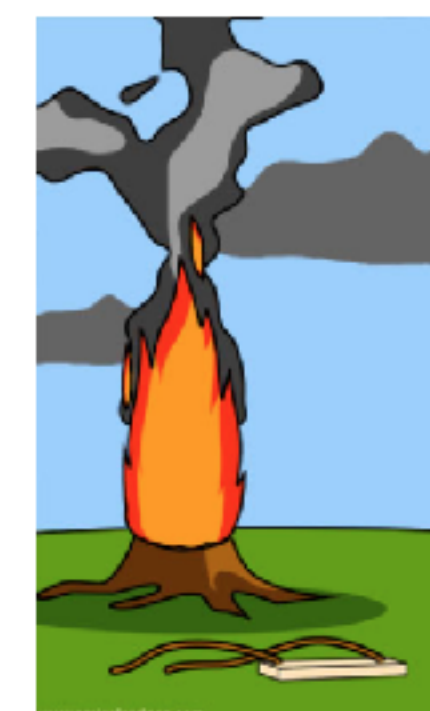
How the business consultant described it



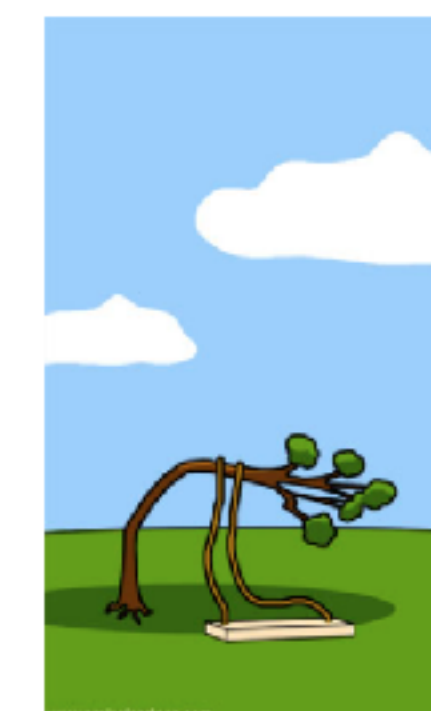
What marketing advertised



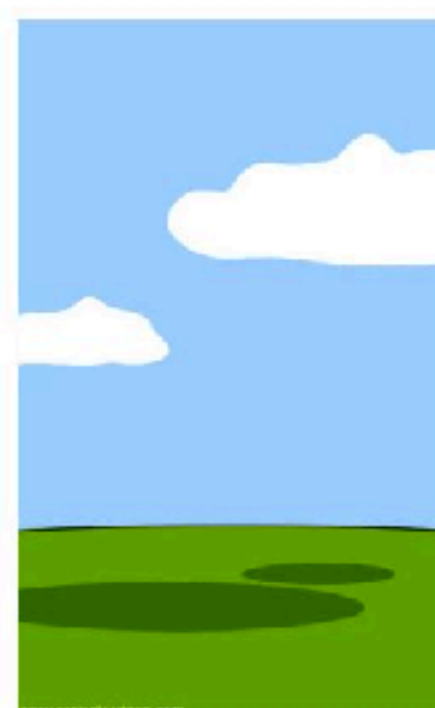
When it was delivered



What the dig effect can do to your site



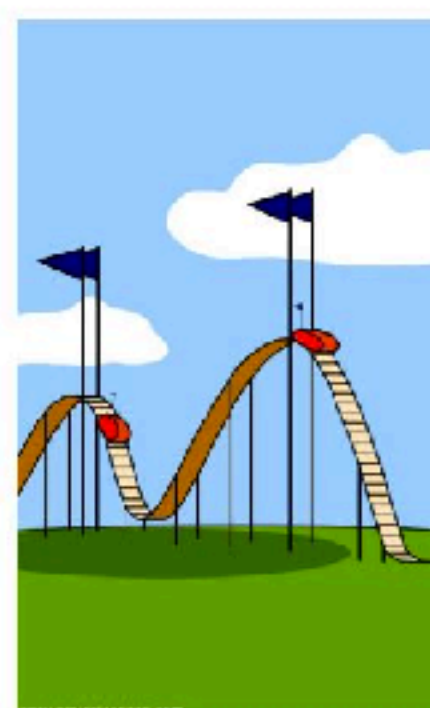
The disaster recover plan



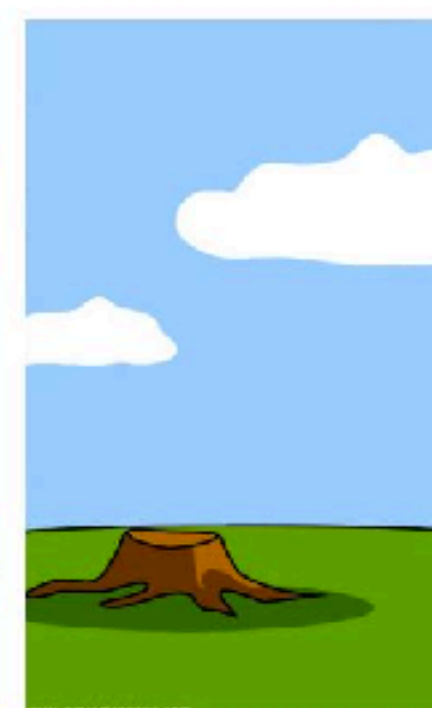
How the project was documented



What operations installed



How the customer was billed



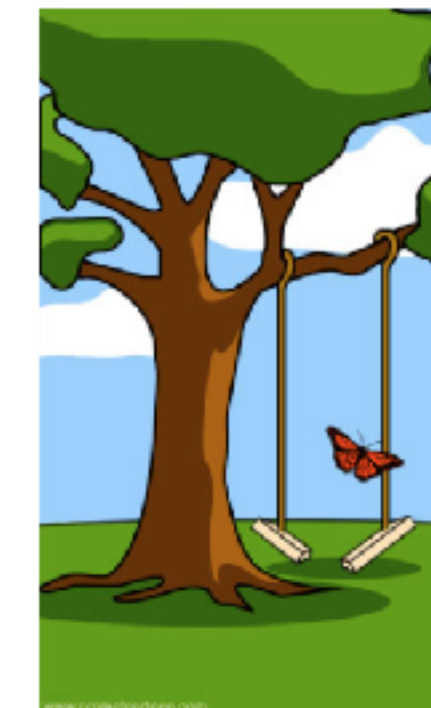
How it was supported



What the customer really needed



The Open Source version



How it performed under load



How patches were applied



What the customer really needed

日常工作中常见问题

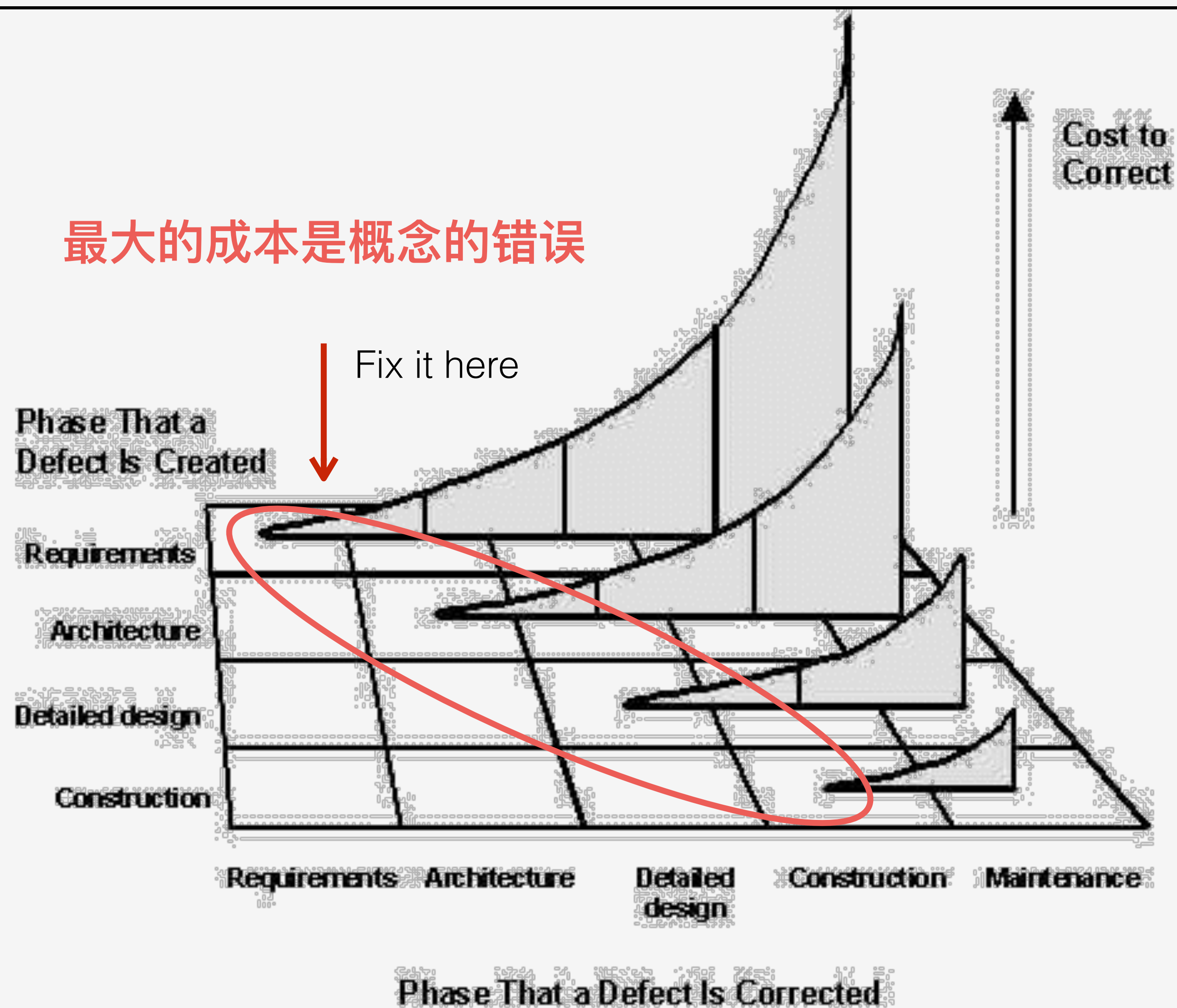
领域建模讨论无效率

长时间得不出方案，导致工程效率下降
勉强出方案，导致工程质量下降

职责划分

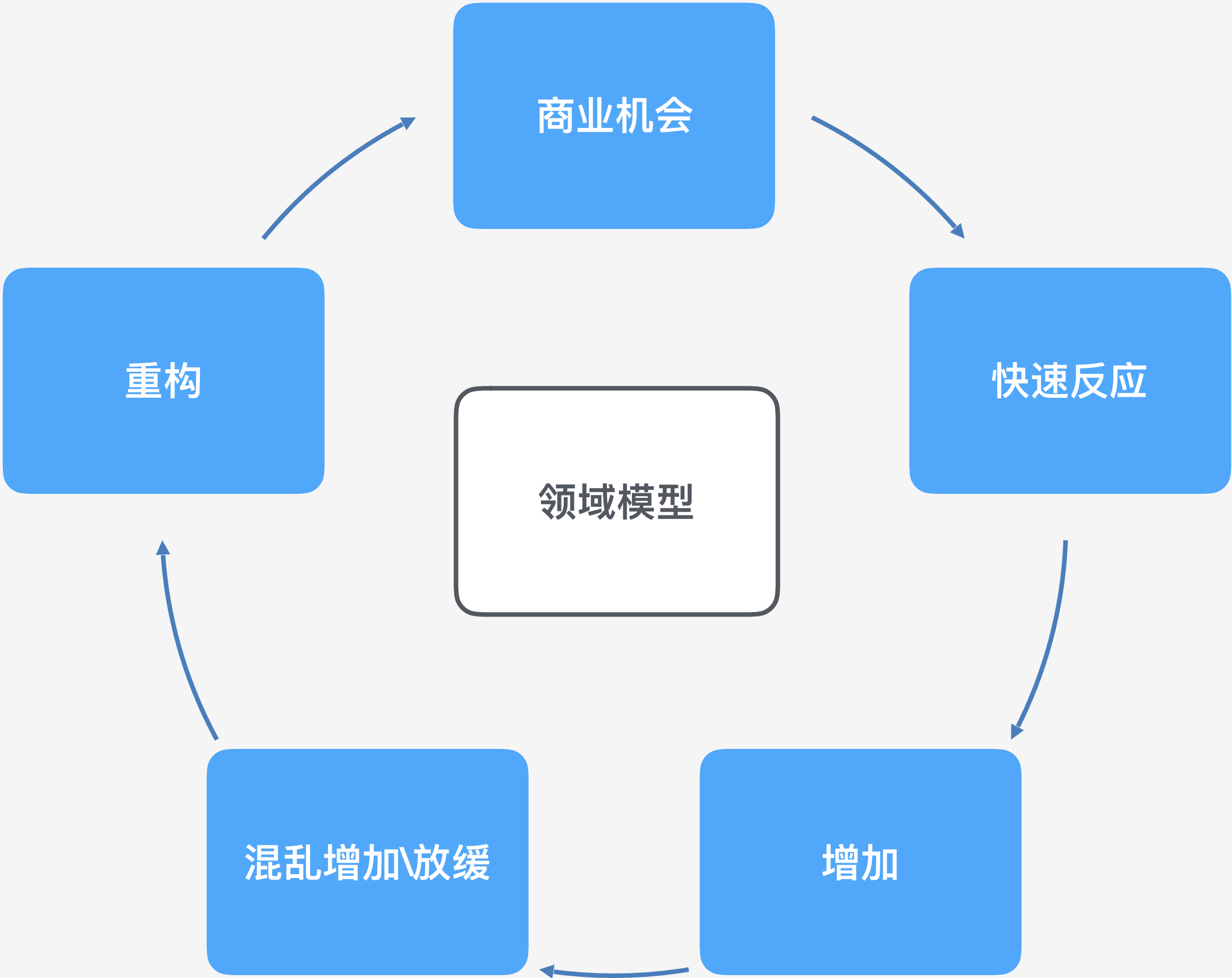
数据库在我这里，所以业务在我这里
江湖百态

软件错误代价顺着时间变化趋势

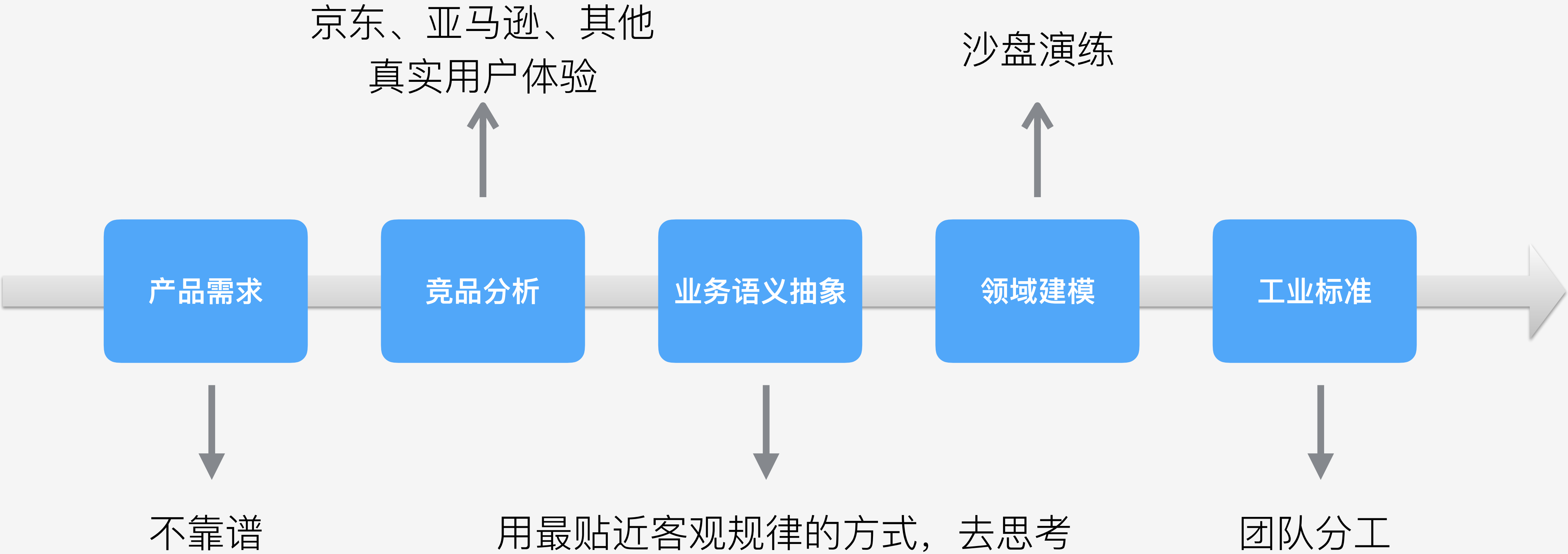


延缓系统的腐烂

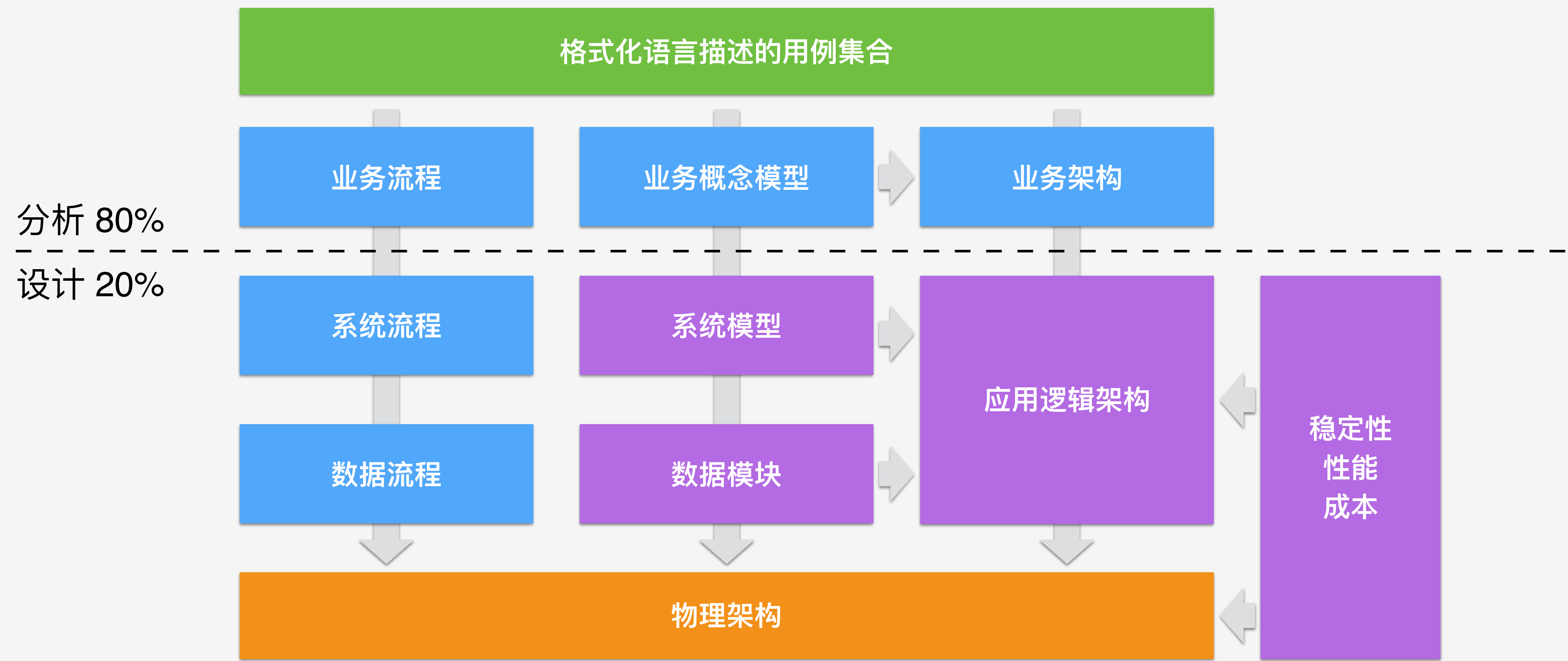
解决的问题在发生变化



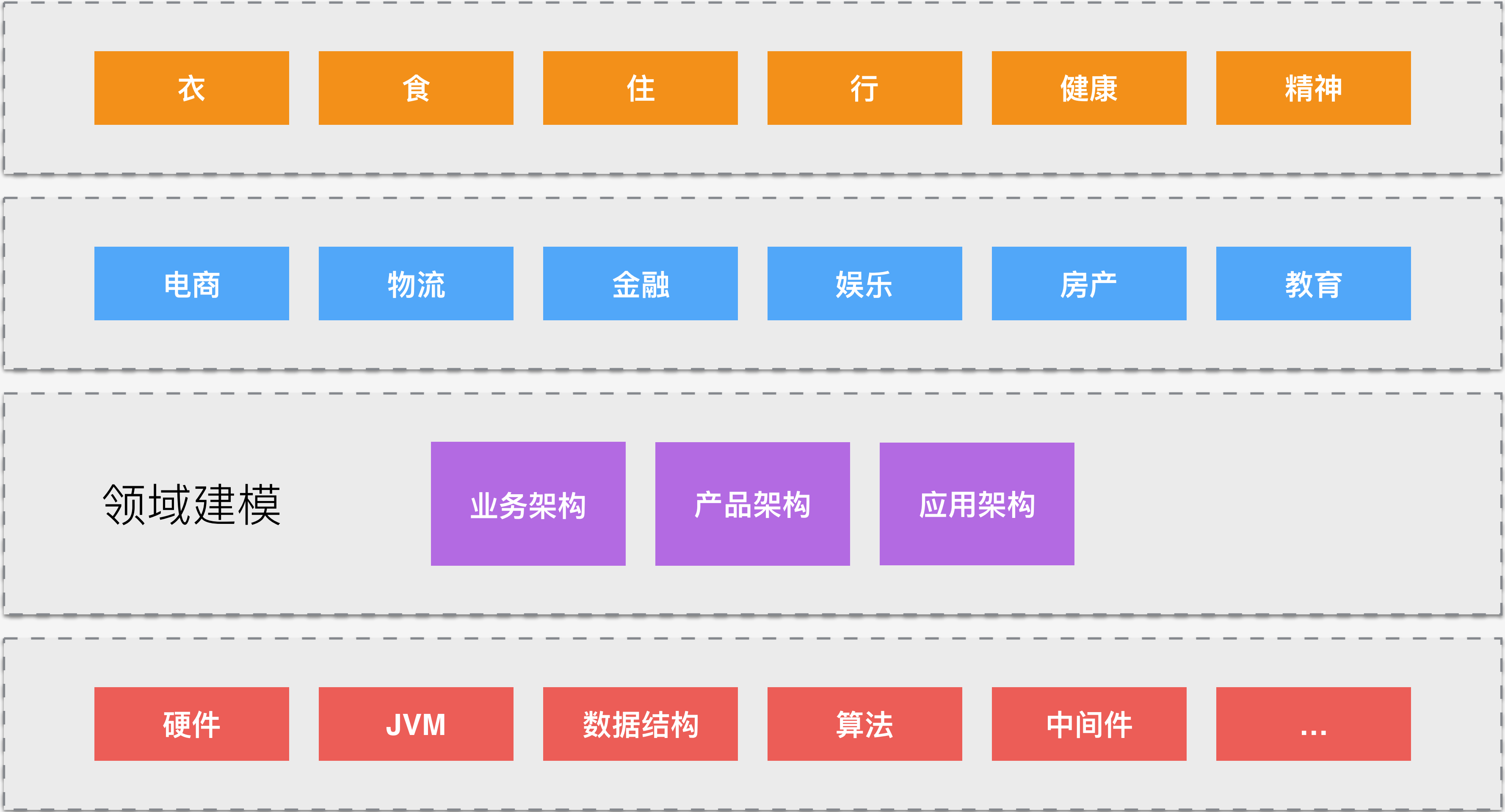
思维决定软件设计，设计决定系统



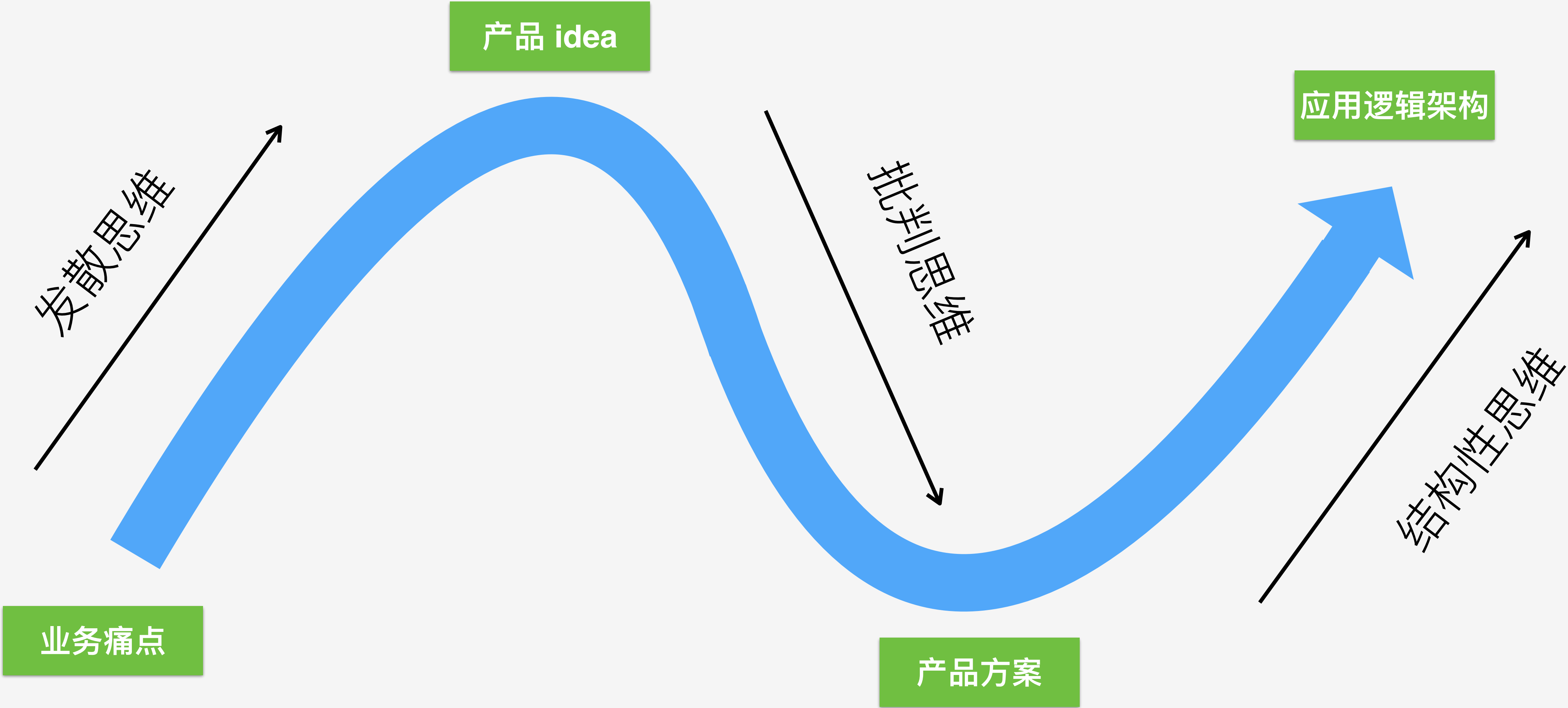
架构体系推导路径



业务、技术的链接



自底向上，自顶向下

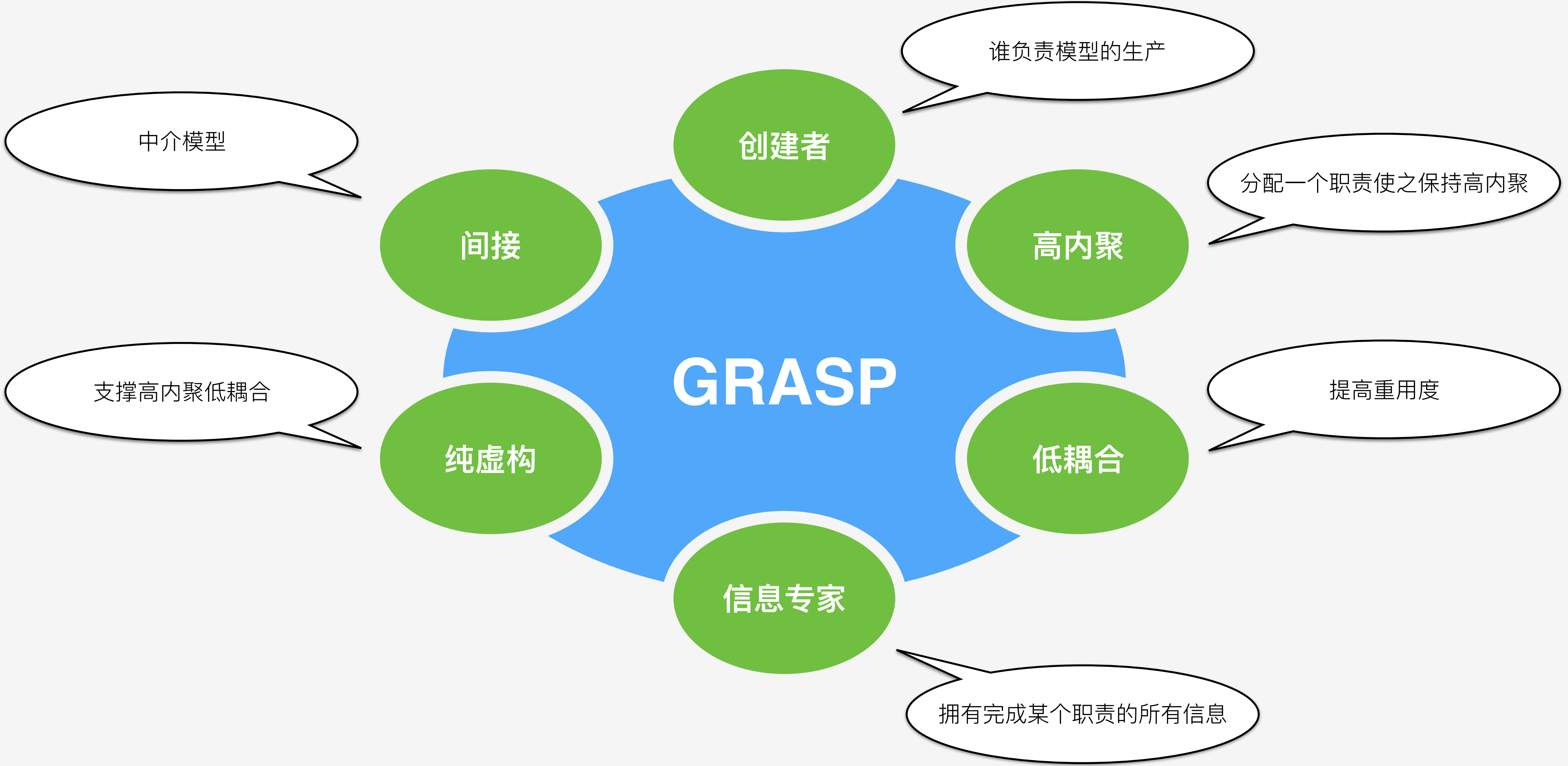


martin fowler

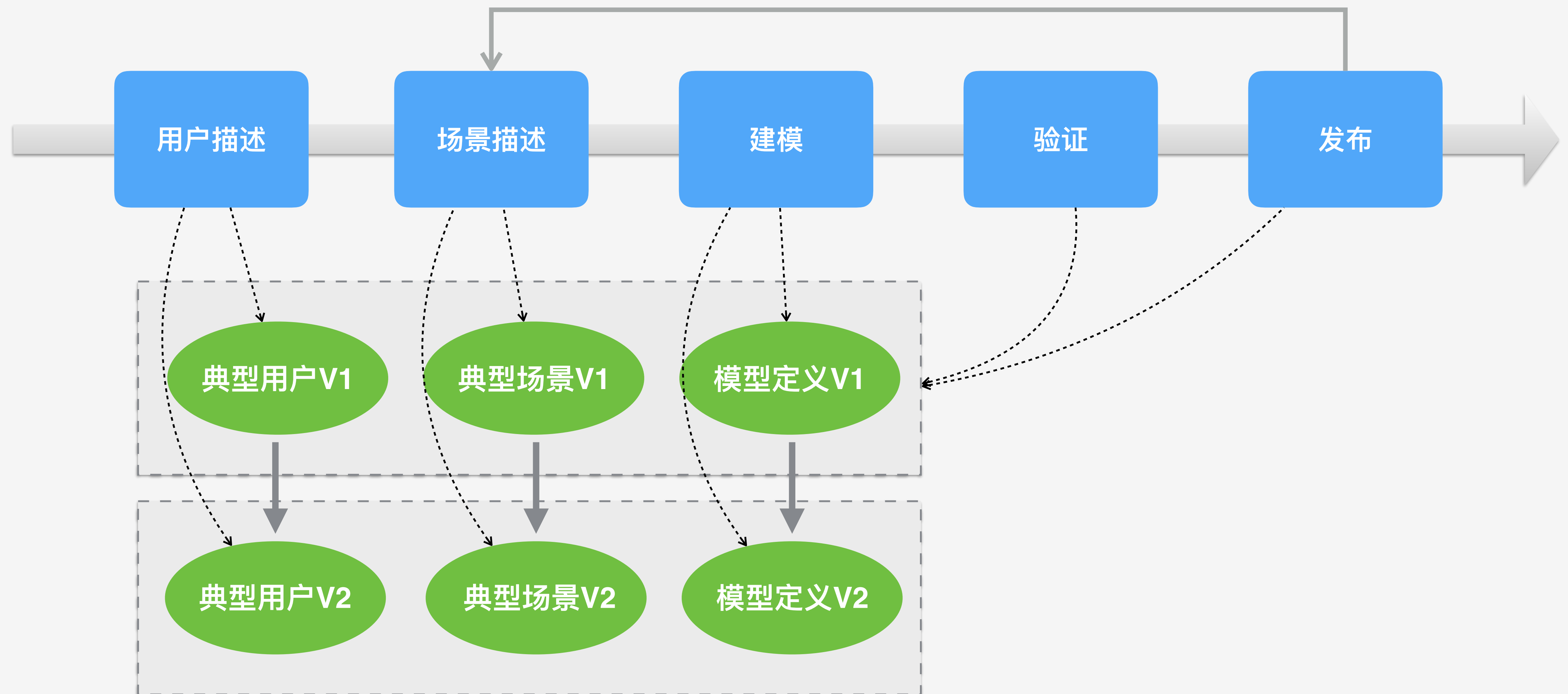


理解职责是顺利进行面向对象设计的关键

边界划分原则 General Responsibility Assignment Software Patterns

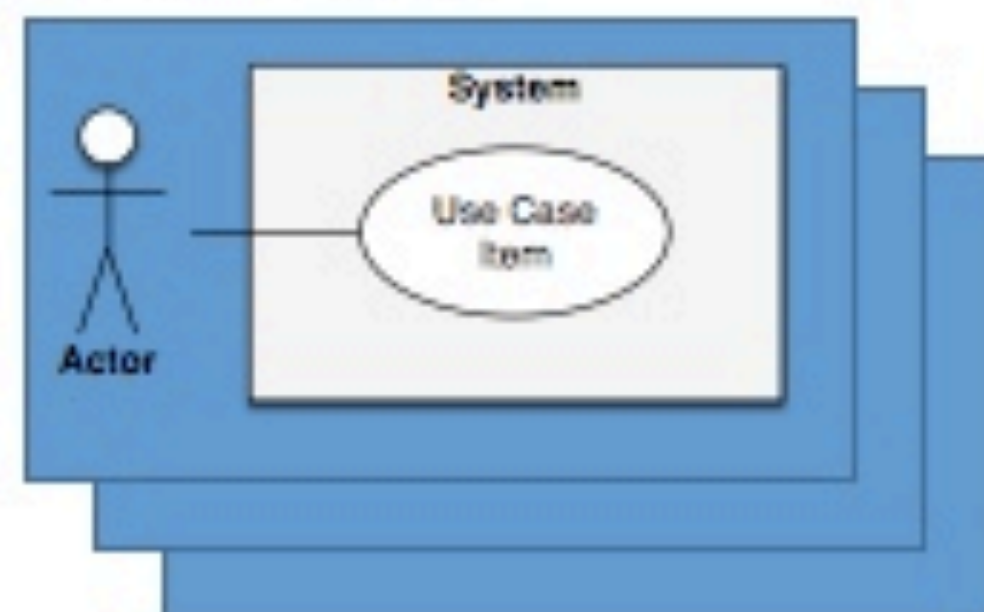


模型演化

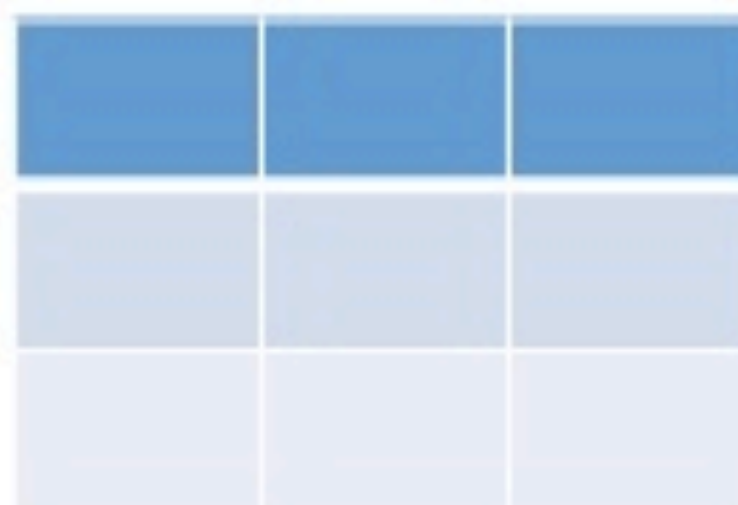


建模方法

1. 收集用例



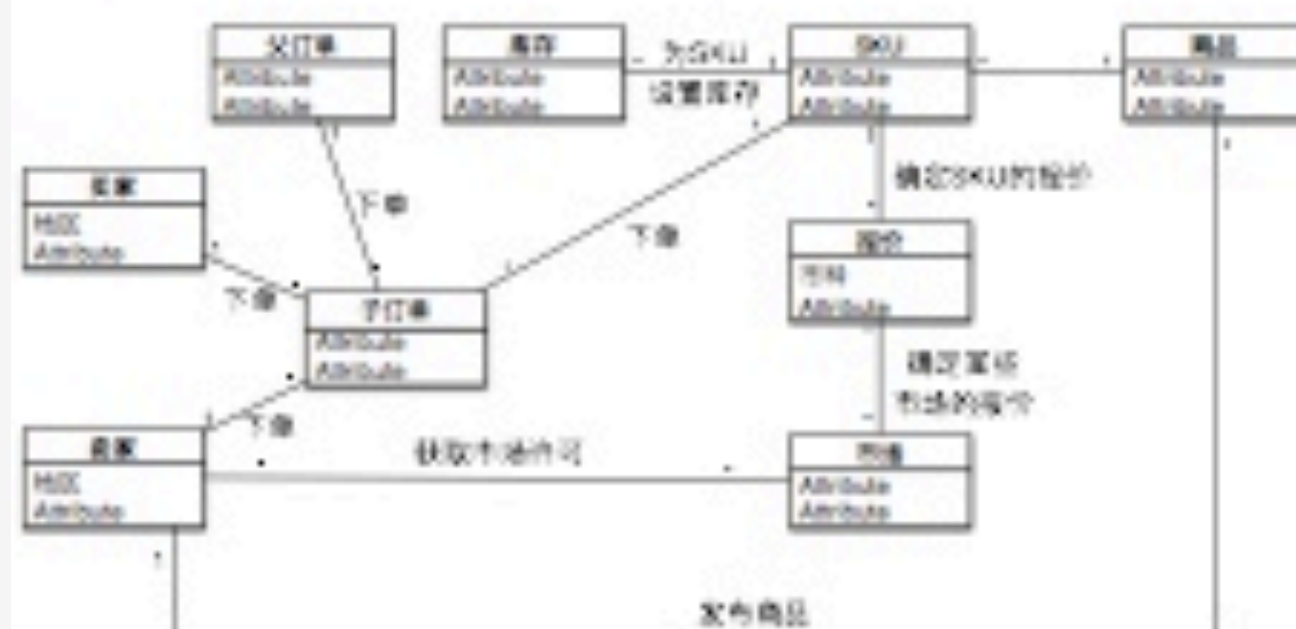
2. 收集名词，形容词



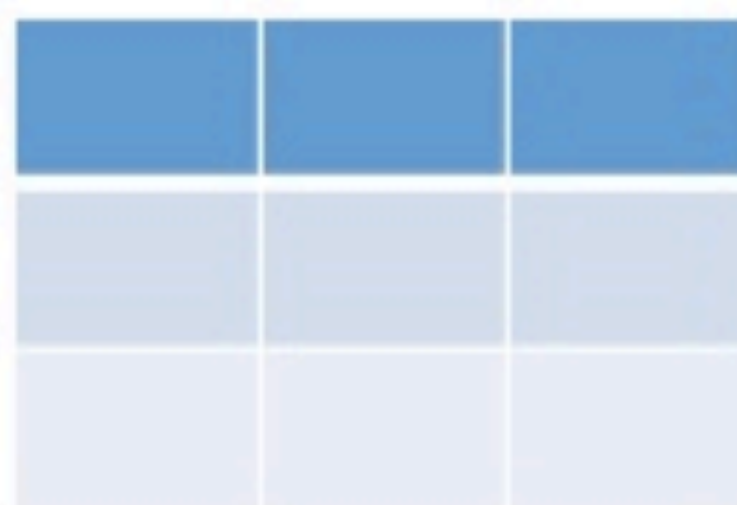
3. 根据词性建立模型和属性



6. 根据动词确定模型关系



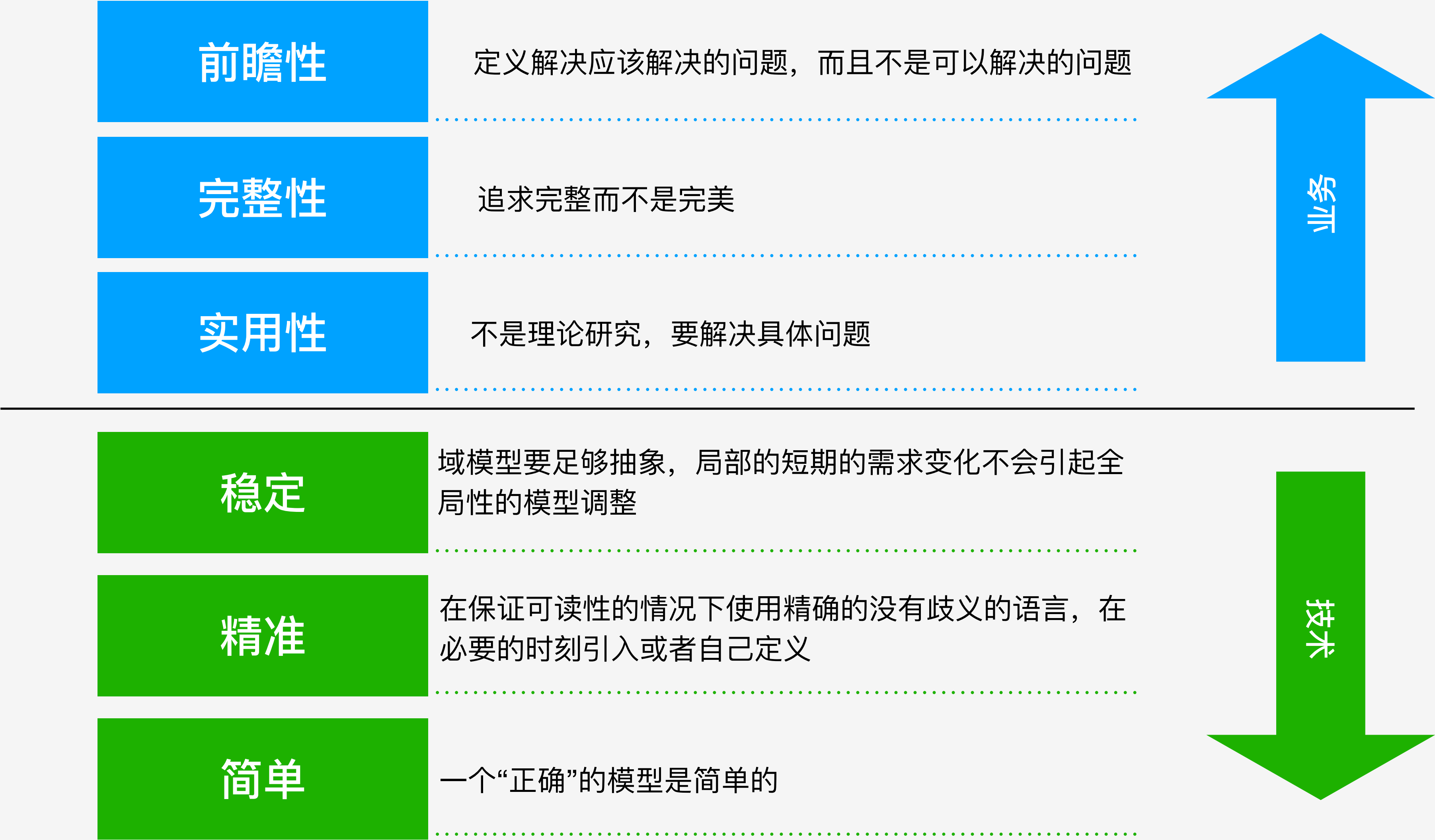
5. 收集动词



4. 根据名词定义验证和完善模型



总结



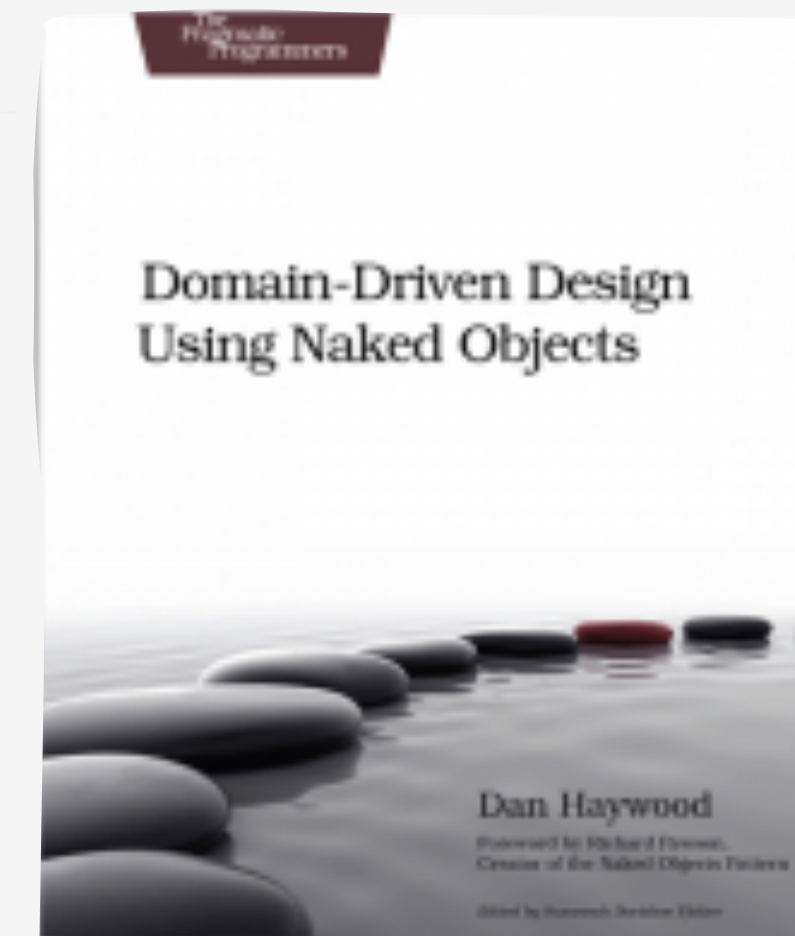
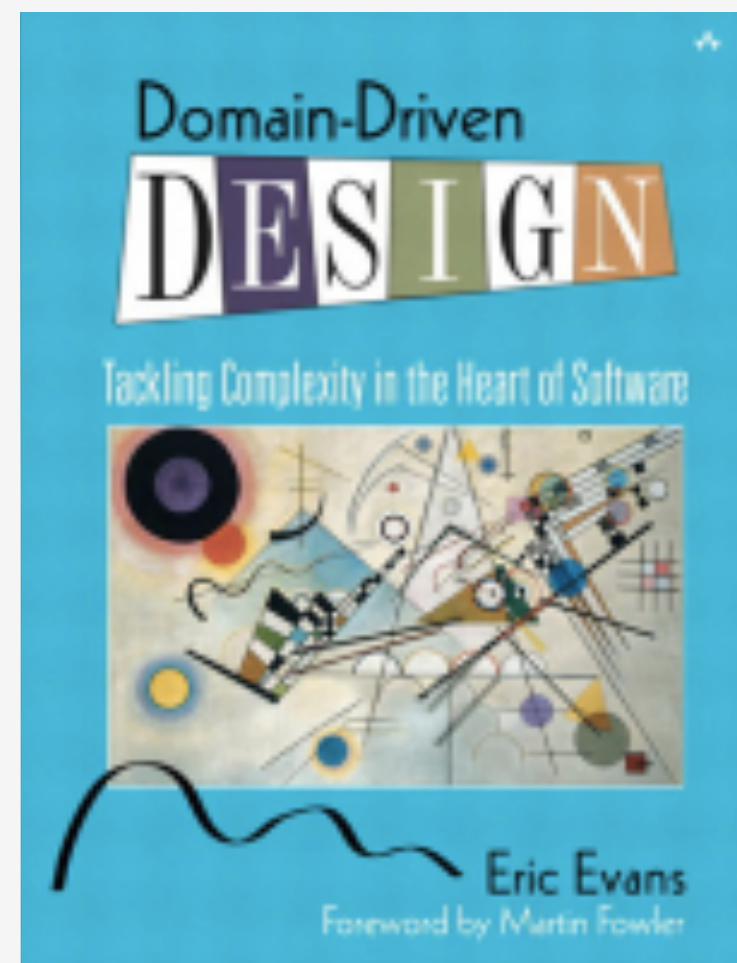
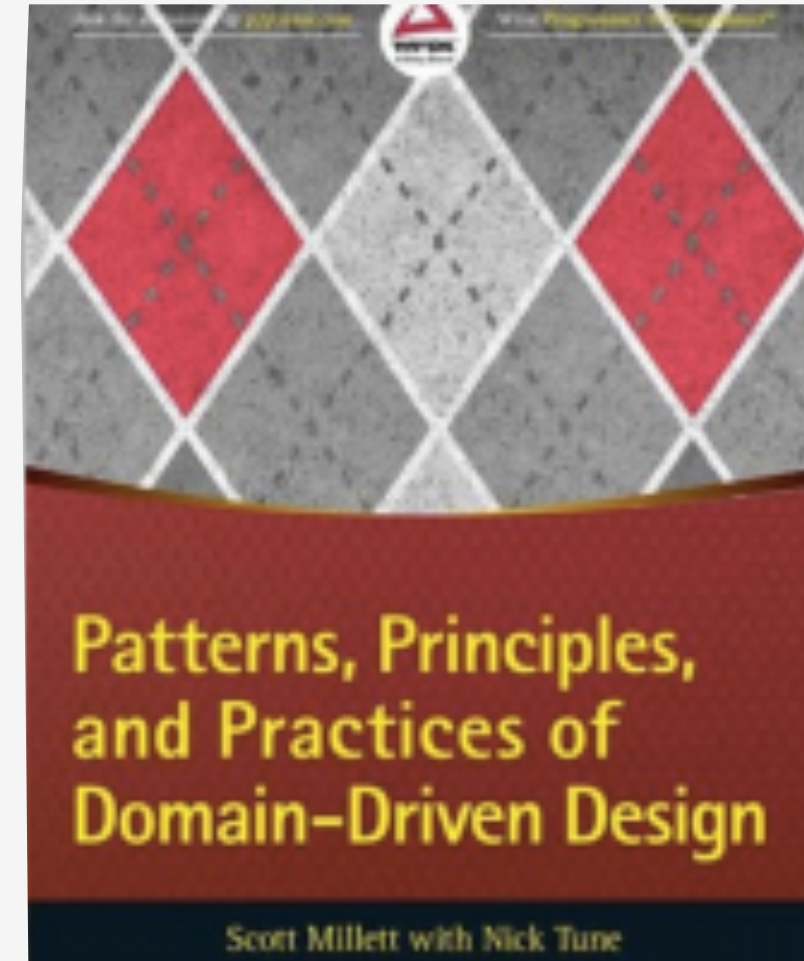
写业务代码如何成长



到底架构师是做什么的？



推荐几本书



Q&A