

Induction training of Dev Team

# Product, R&D and Operation

By PuGong

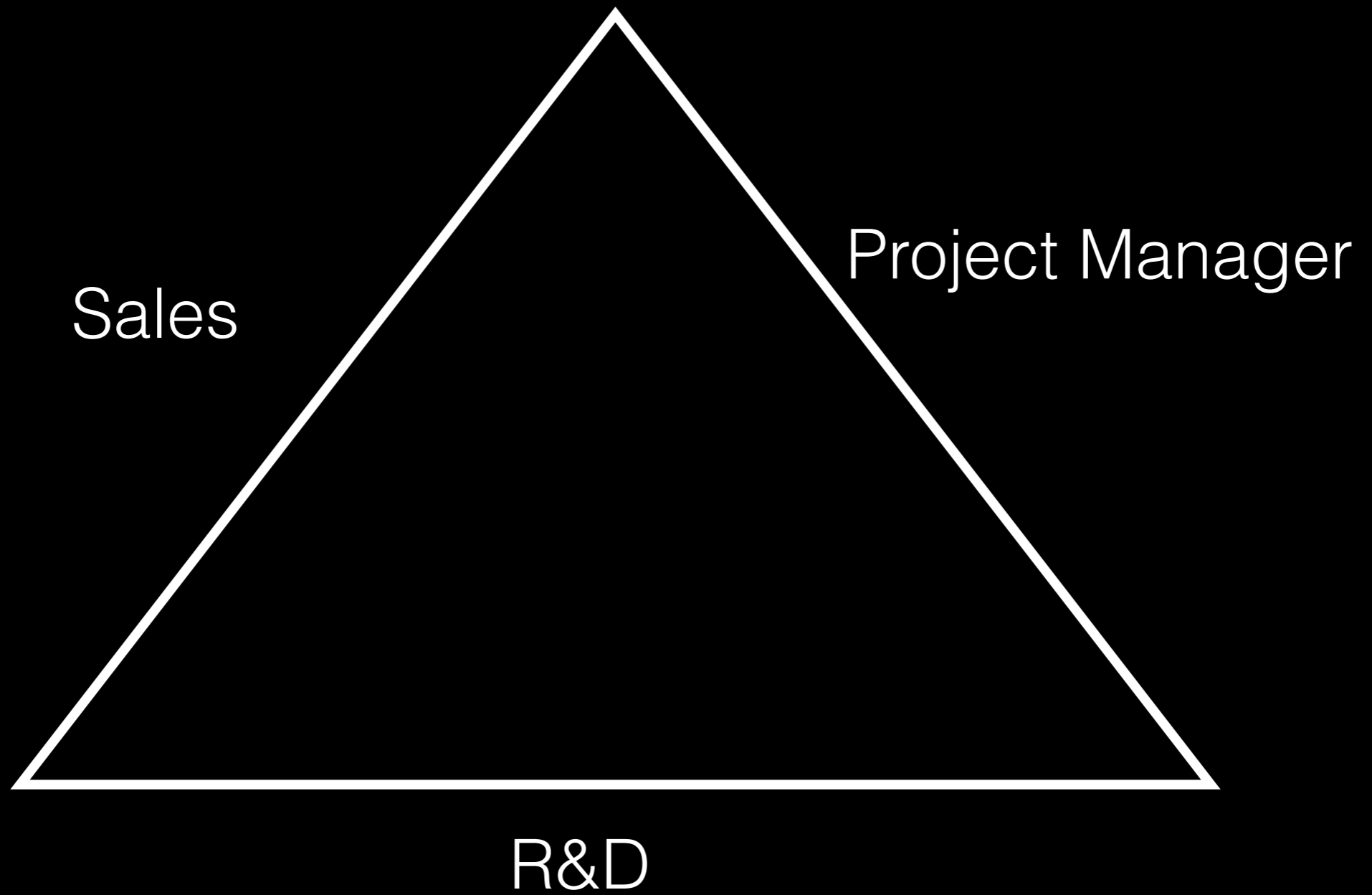
# List

- **Product / Develop / Operation**
- **Software lifecycle**
- ITIL
- Source Control
- Evolution of A Website's Architecture
- AA & SSO
- Cache
- Message Queue
- Storage
- Database and SQL
- NoSQL & New SQL
- TOGAF & 4+1 Arch View
- 测试
- 发布
- 监控

# 为什么需要软件开发

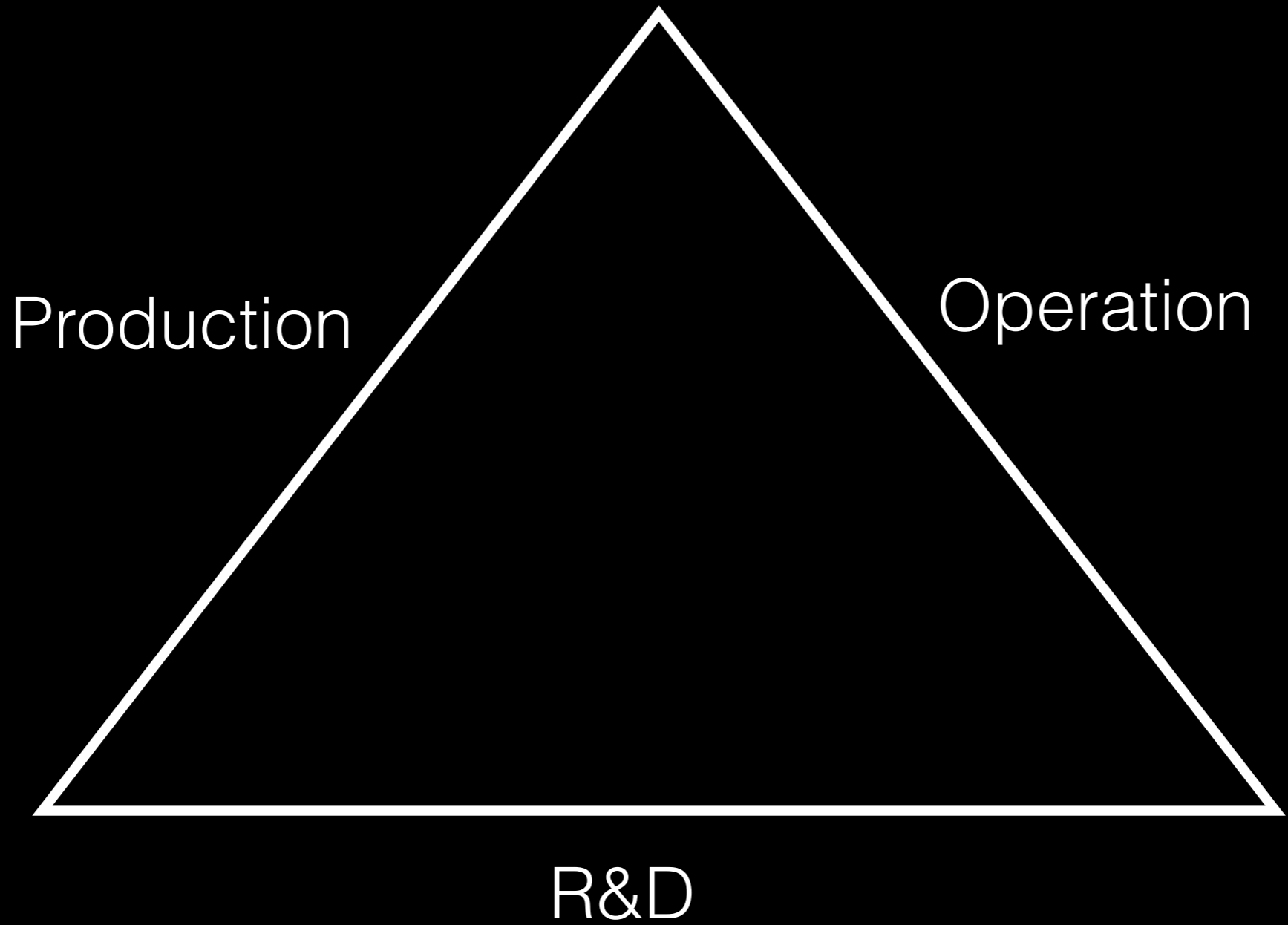
- Enable 业务
- 优化当前业务
- 自动化当前业务的某些流程
- 电子化当前业务

# 项目制



- Sales打单（确定项目范围）
- Project Manager 协调资源
- Dev团队实施及Early Support
- Support by Dev团队或专门的支持团队

# 产品型



- Product: 确定产品范围和功能迭代
- Dev: 设计, 实现以及三线支持
- Operation: 线上产品运营, 一线&二线支持
- PRJ: 根据预算, 资源在一定时间内完成某些目标
- OPS: 运维, 服务器 / 网络等

# Product

- Product Management is a strategic and business-oriented role, focused on delivering solutions to market needs.
- Product Managers...
  - ▶ Identify profitable opportunities that meet market needs
  - ▶ Launch products into the market
  - ▶ Oversee products already in the market
  - ▶ Sunset products that longer meet market needs



# R&D

- Functions
  - 技术可行性分析 (ProtoType)
  - 按照规划实施产品迭代
  - 线上问题解决
- Members: Professionals like Architect, Specialist, Dev, QA
- NEED to know Tech Domain & Product Domain

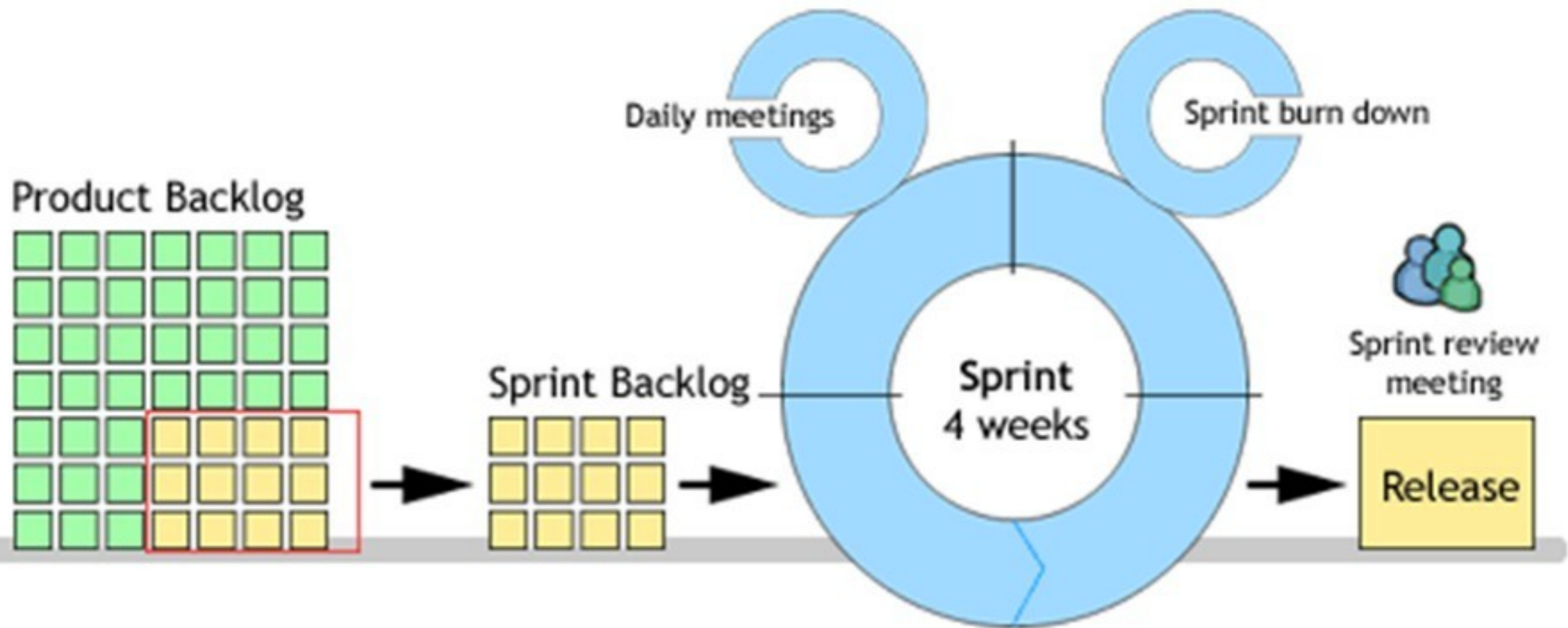
# 运营

- 让产品运行的更好，运行的更久
  - 市场运营：marketing
  - 用户运营：UGC
  - 内容运营：UGC / 大牛
  - 社区运营：活动
  - 商务运营：BD / Sales

# Product Delivery Team

- 产品：想出来
- R&D：做出来
- 运营：用起来

# Scrum开发模型



# References

- Product Manger: <https://www.zhihu.com/topic/19551325/hot>
- Operation: <https://www.zhihu.com/topic/19551958/hot>
- 10x Engineer: <https://shubhamjain.co/2015/01/19/hackers-are-the-real-10x-engineers/>
- Agile & Scrum
- TDD, DDD etc