



南京大学软件学院
NANJING UNIVERSITY · SOFTWARE INSTITUTE



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知识分享平台

如何区分DevOps老司机和新手

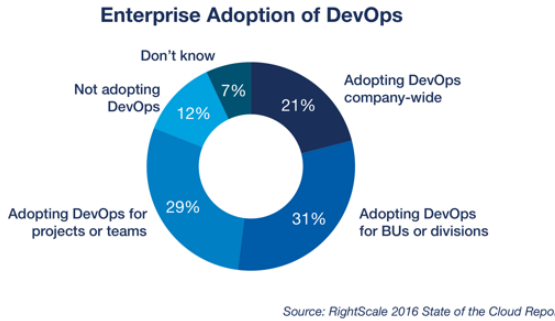
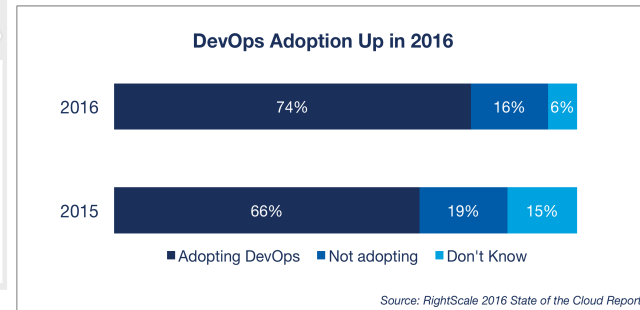
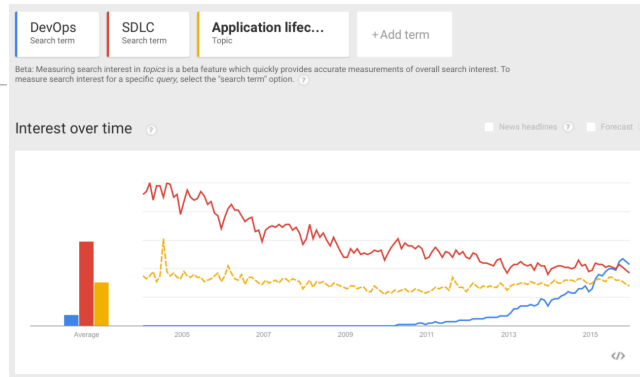
——DevOps成熟度Roadmap

荣国平

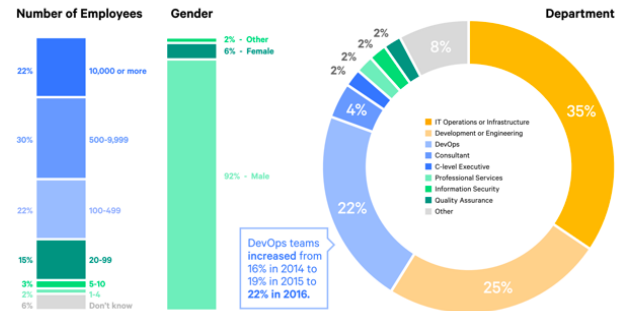
南京大学 软件学院

2017年4月15, 上海

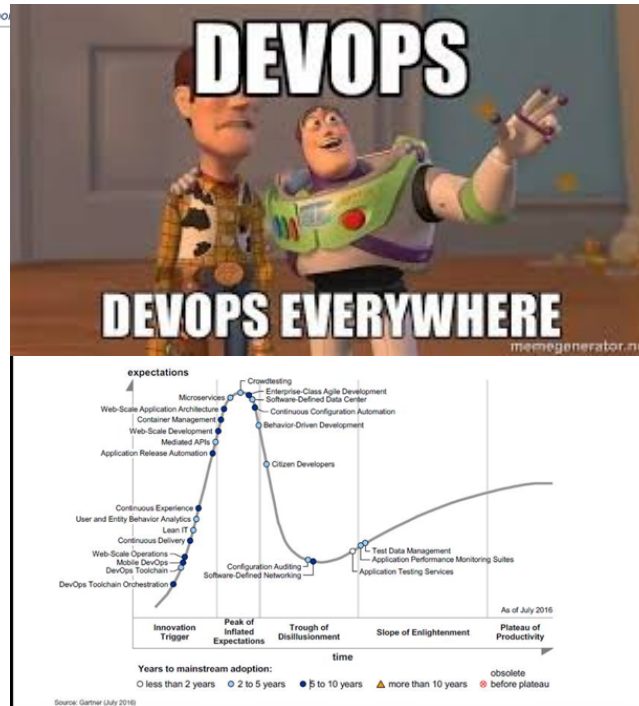
DevOps Everywhere



Demographics

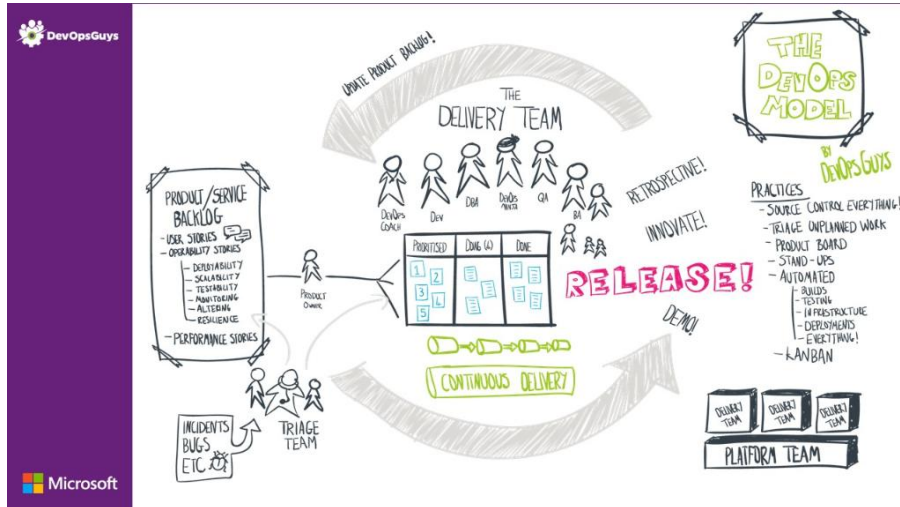


Source: 2016 state of DevOps report



Why DevOps?

实现业务目标的不可替代性



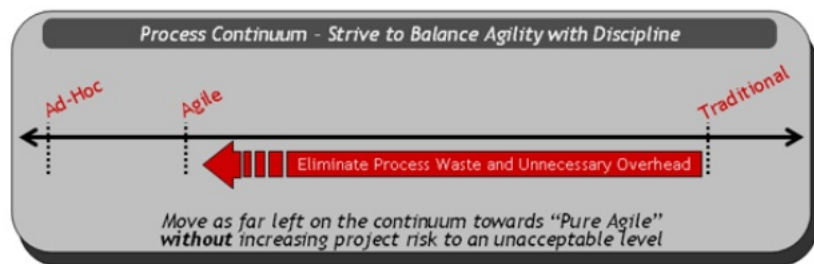
- 肯定正确的说法太多

“高层支持”、“文化转变”、“工具支持”、“价值链”……

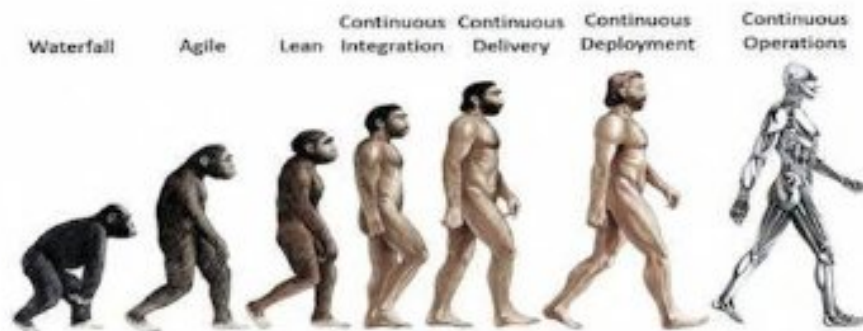
- 然而……

- 缺少必要的指引，甚至被混乱和错误的概念所误导

Agility vs. Discipline?



DevOps Movement



实践者的困惑

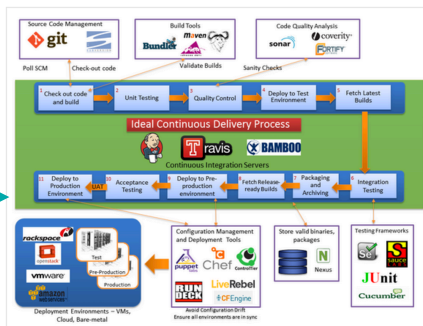
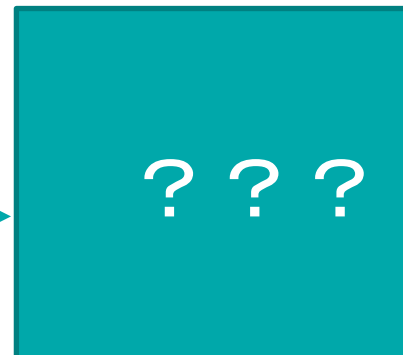
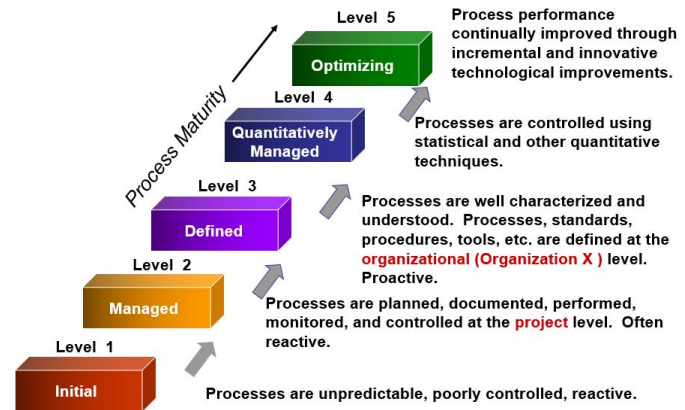
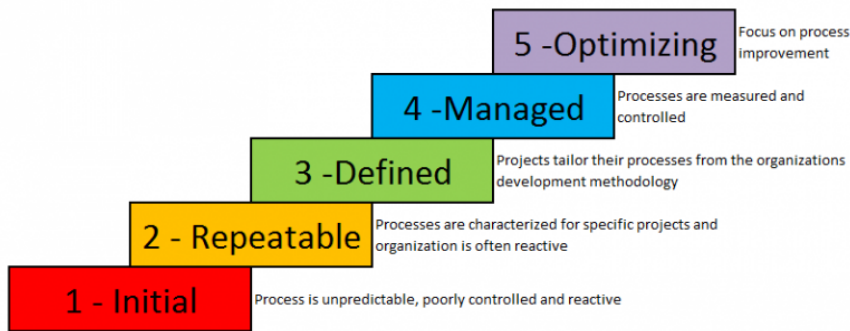
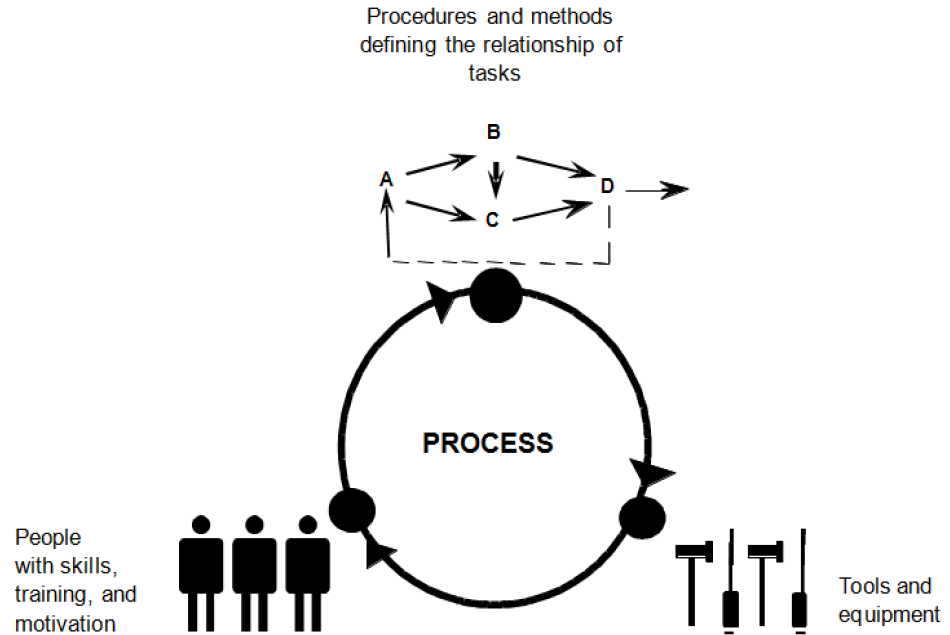
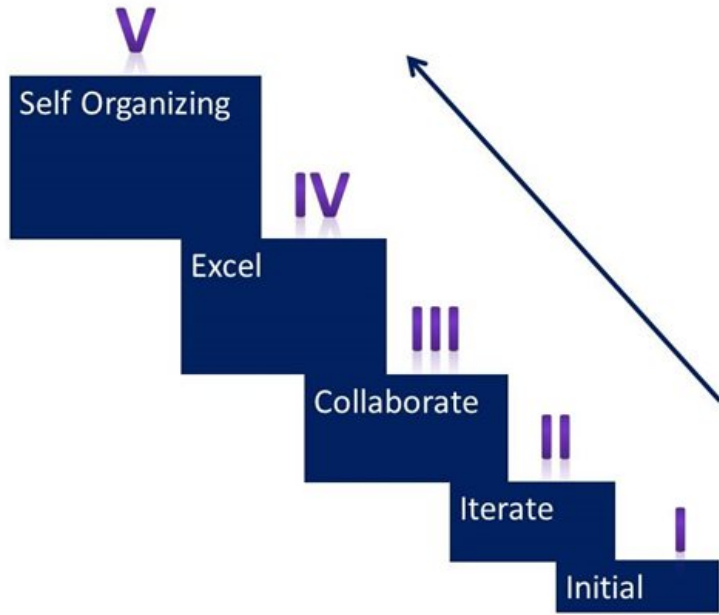


Image Source: http://www.bogotobogo.com/DevOps/DevOps_CD_Pipeline_Sample.php



人与生俱来的学习和适应能力是可以促成方法的自然改进，然而.....

借鉴下传统SE方法



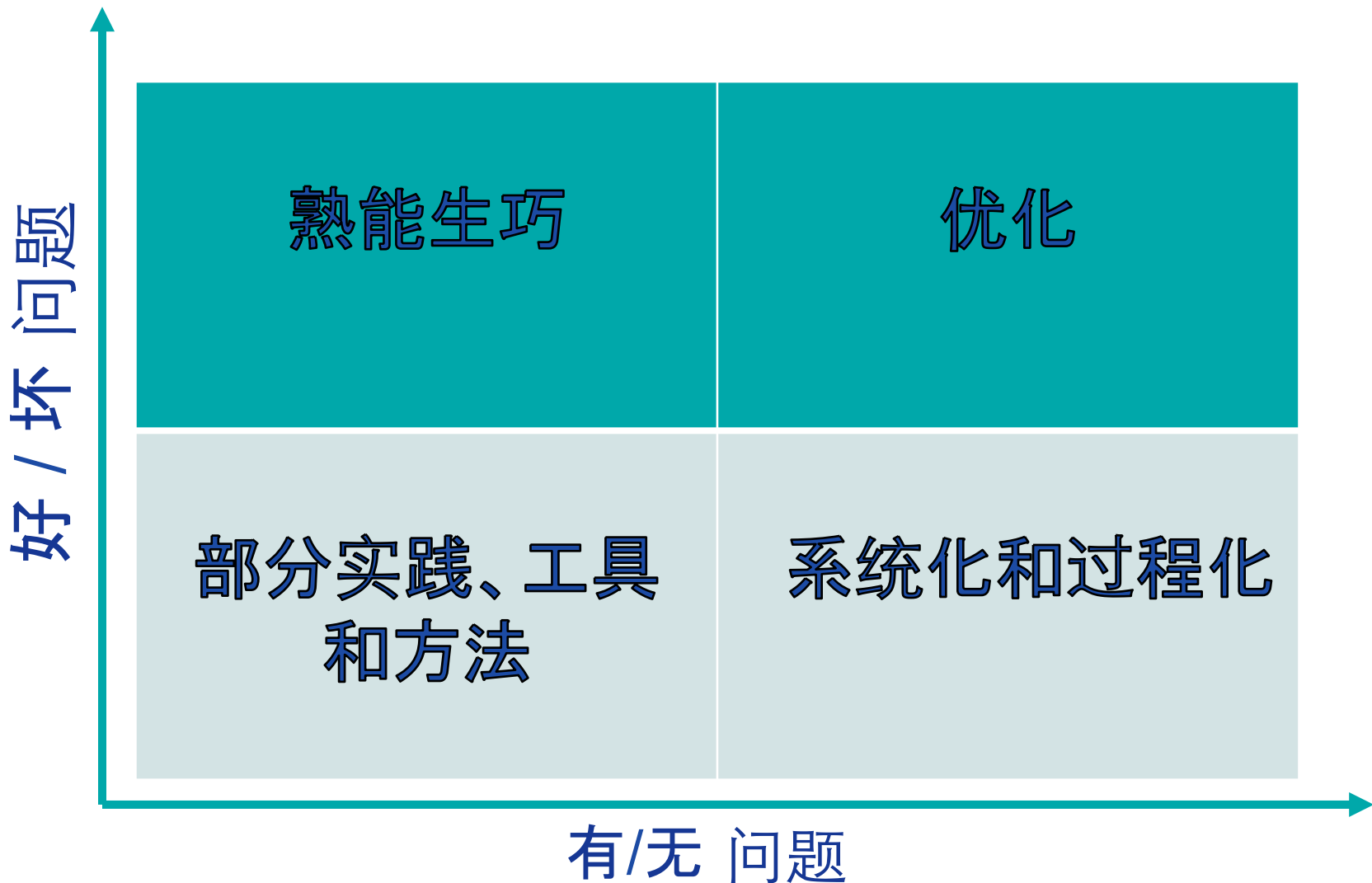
目的和方法



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目的	探索、获取知识的方法	产生结果
解决当前问题 (一个项目)	Primary Study	工具、实践、方法等等
解决一类问题 (多个项目)	Secondary Study	模型和范式
解决多类问题 (不局限软件)	Tertiary Study	一般原理和规律





DevOps 能力和成熟度



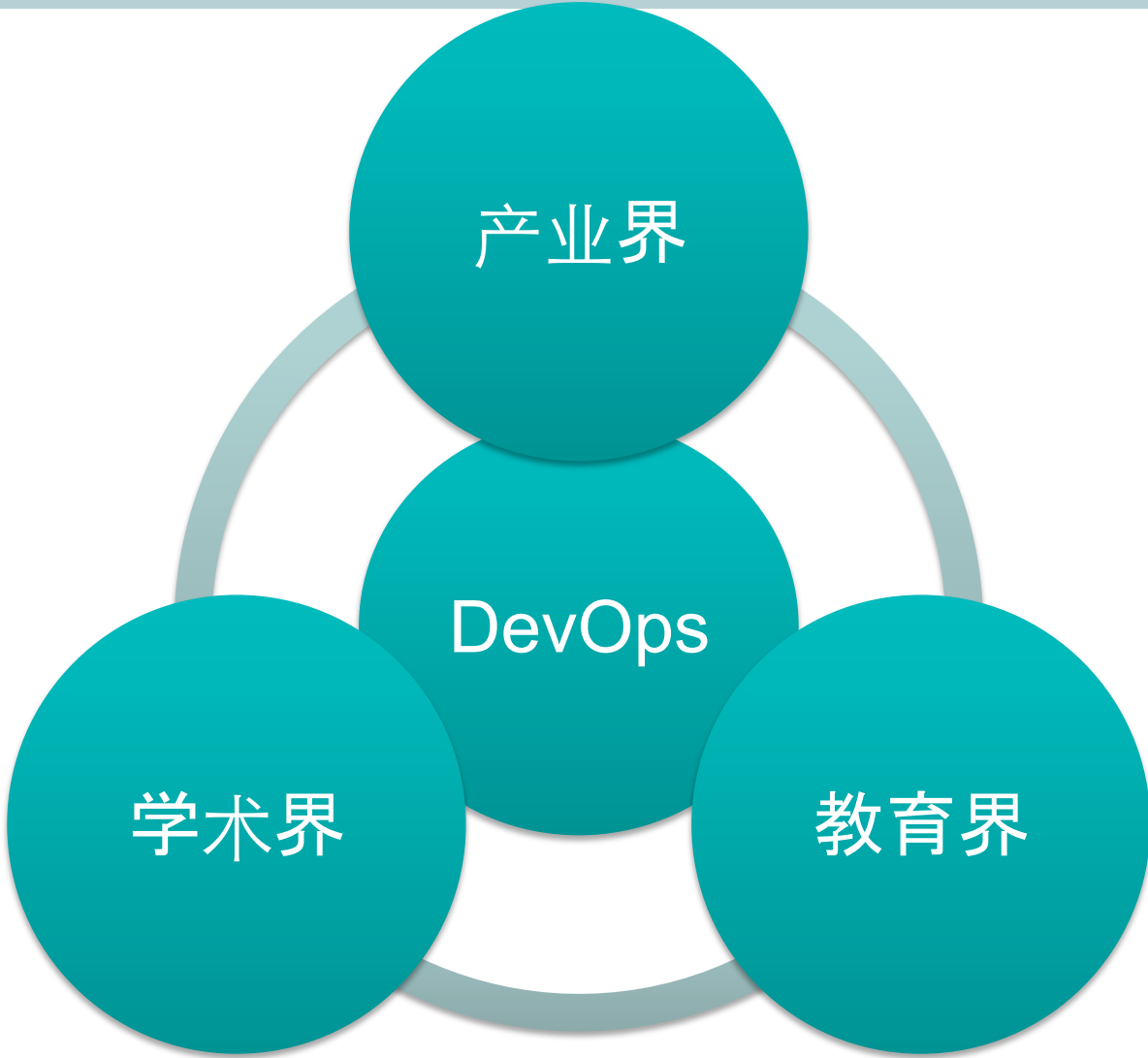
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Next Step



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THANKS

手机: 13776618329 (微信)

Email: ronggp@nju.edu.cn