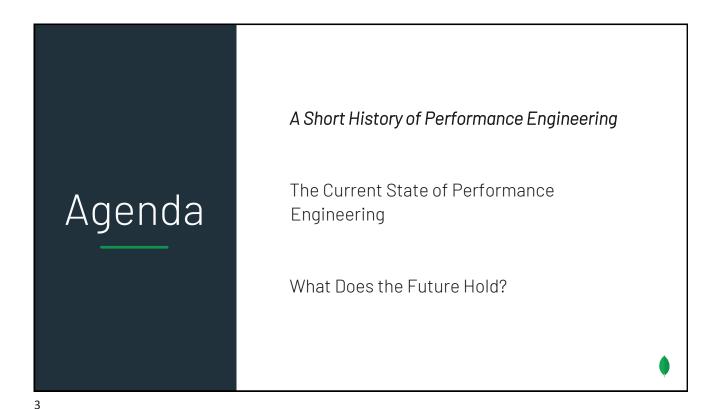


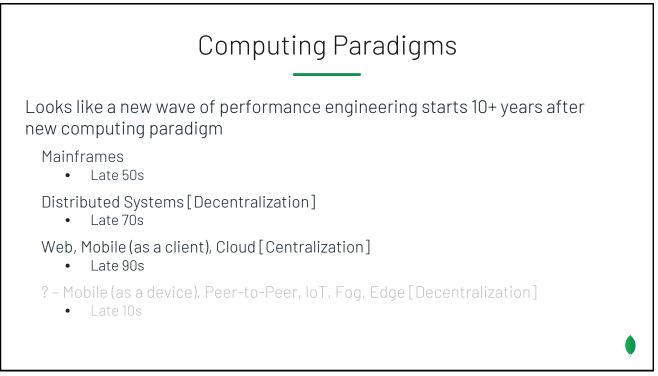


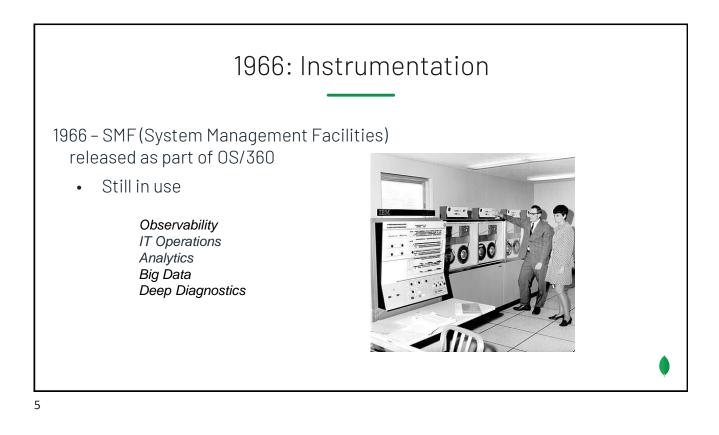


- Alexander Podelko apodelko@yahoo.com @apodelko https://alexanderpodelko.com/blog/
- Specializing in performance since 1997
- Currently Staff Performance Engineer at MongoDB, performance testing and optimization of the MongoDB server
- Board director at Computer Measurement Group (CMG) a non-profit organization of performance and capacity professionals

Disclaimer: The views expressed here are my personal views only and do not necessarily represent those of my current or previous employers. All brands and trademarks mentioned are the property of their owners.





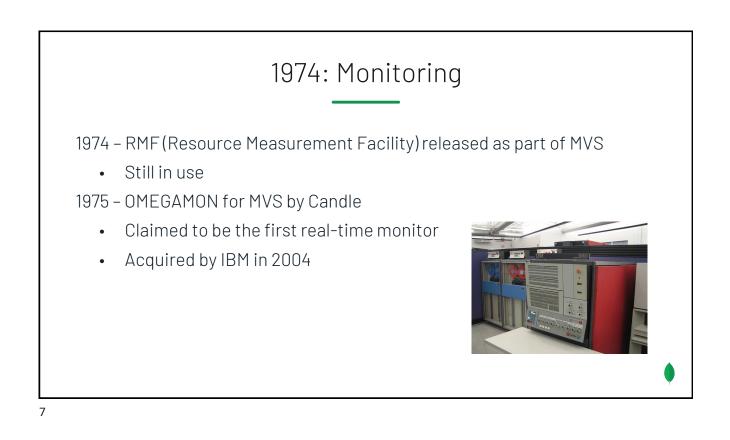


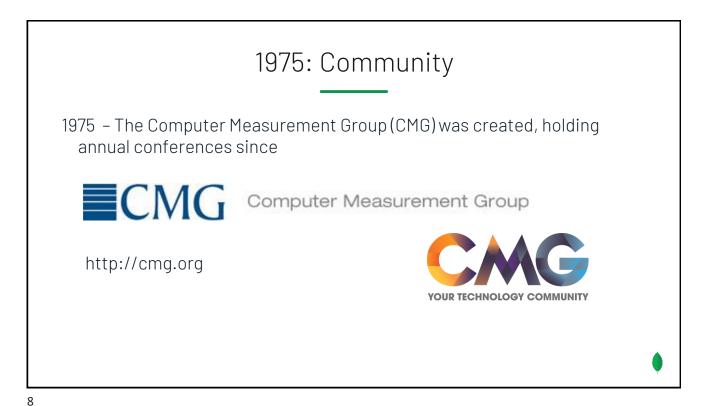


1968 - Robert Miller (IBM) in his "Response Time in Man-Computer Conversational Transactions" paper described several threshold levels of human attention

• Widely cited by many later researchers

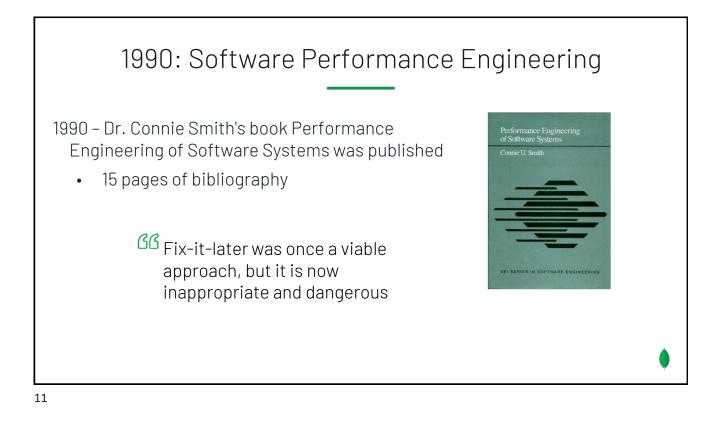


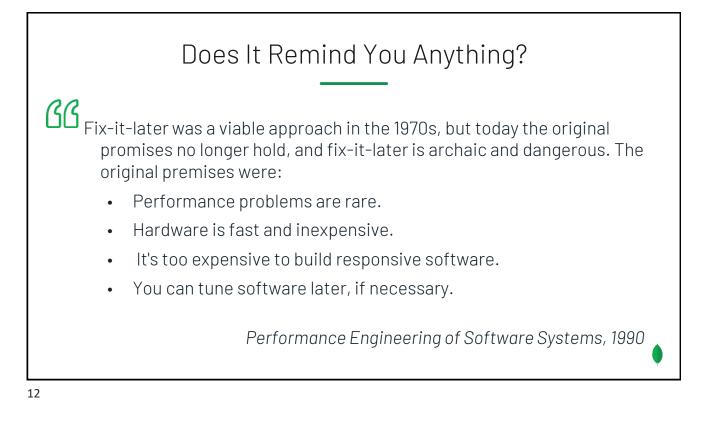


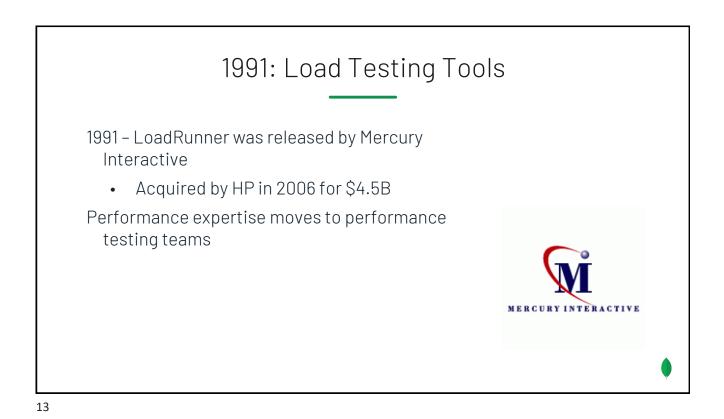


| 1977: Performance Analysis Tool | |
|--|---|
| 1977 – BEST/1 was released by BGS Systems, capacity and performance management tool | |
| the first commercial package for computer performance analysis to be based on analytic models. | |
| BGS Systems was acquired by BMC Software in 1998 | Performance data : BESTDATA (Q930400309) Model/Text : BESTIMODEL Select one of the following: 1. Work with workloads 2. Specify objectives and active jobs 5. Analyze current model 6. Analyze current model and give recommendations 7. Specify workload growth and analyze model |
| | 10. Configuration menu 11. Work with results More |

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Application Performance Management (APM)

The term was coined by Programart Corp. (acquired by Compuware in 1999) in 1992 (in the mainframe context, as a combination of their STROBE and APMpower tools)

• STROBE had been on the market since the '70s

Introscope by Wily Technology, founded by Lew Cirne in 1998 (acquired by CA in 2006) If supply can't go up, demand must come down. And the key to decreasing demand is improving your applications' performance.

Now there's a way to do just that. Application Performance Management.

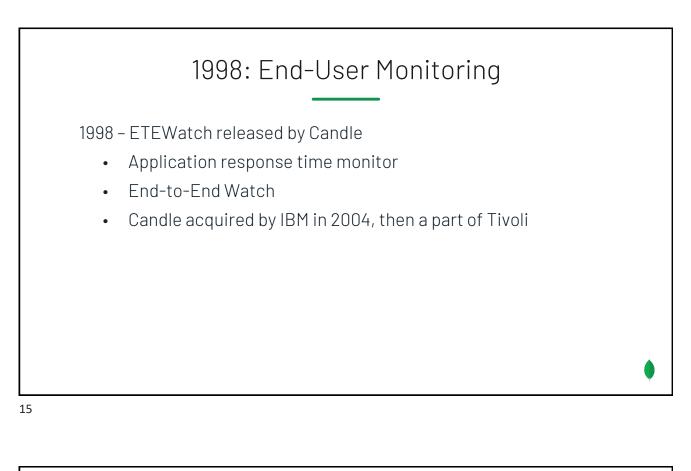
With an APM strategy, IS departments in MVS mainframe environments can manage performance and cost throughout an application's life cycle. As a result, applications are deployed on time and provide high performance from Day One. What's more, APM proves truly invaluable in the long term, because it helps you keep performance high even when business requirements, workload and technology change.

The bottom line? You save money, satisfy customers and give your company a competitive edge. Who knows, you might even bring a smile to

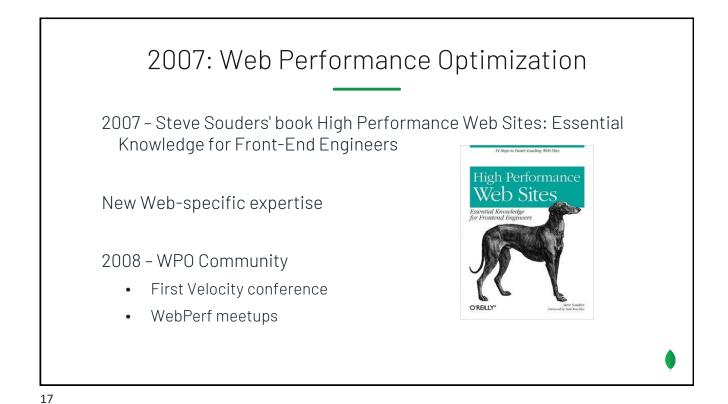
your Directors' faces.

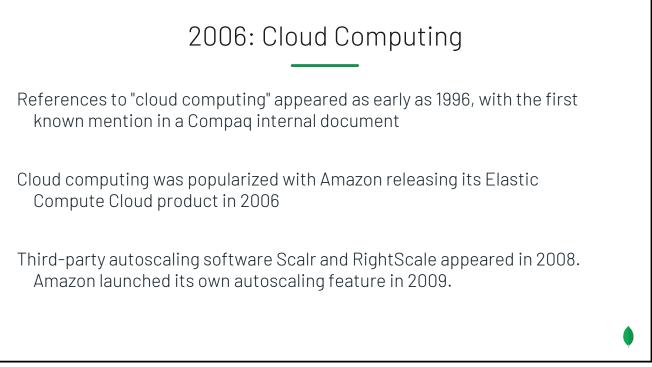
How do you get Application Performance Management working for your IS department? Through *Stream* and *APMrowex* from Programart. For a free demonstration of just how much you can save, talk to us today at 617–498–4005. It's got to be better than talking to the Board.

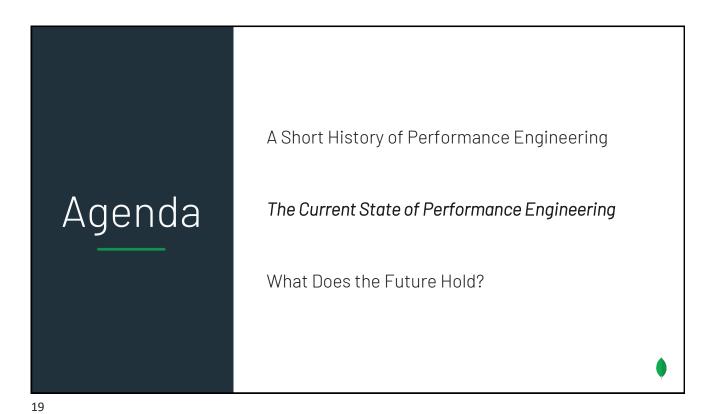
PROGRAMART CORPORATION

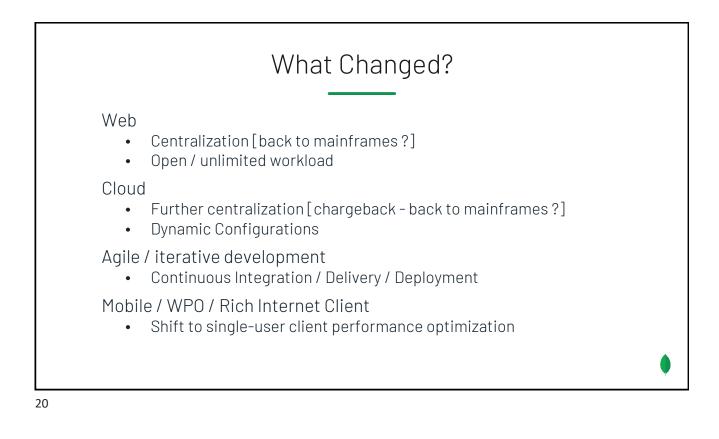


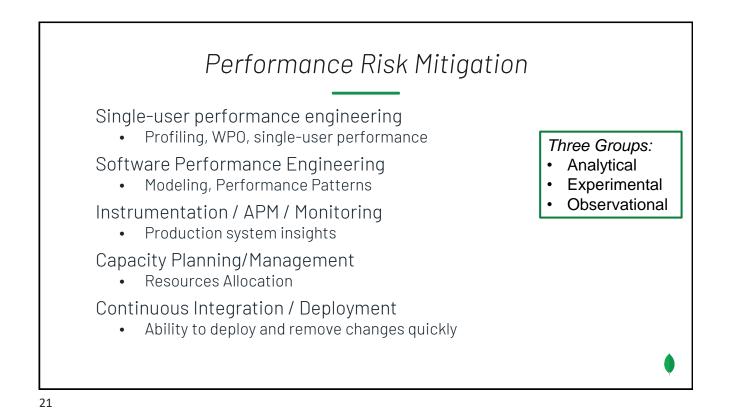


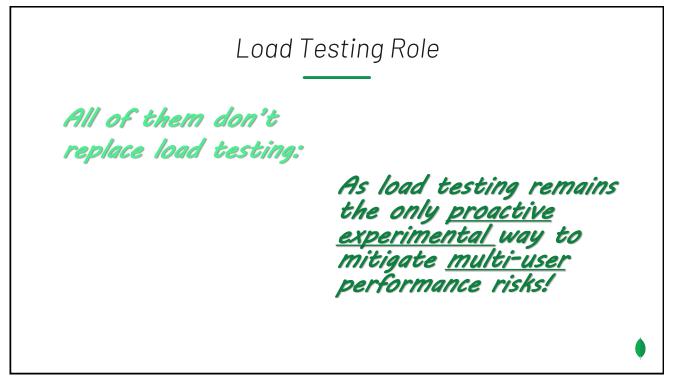


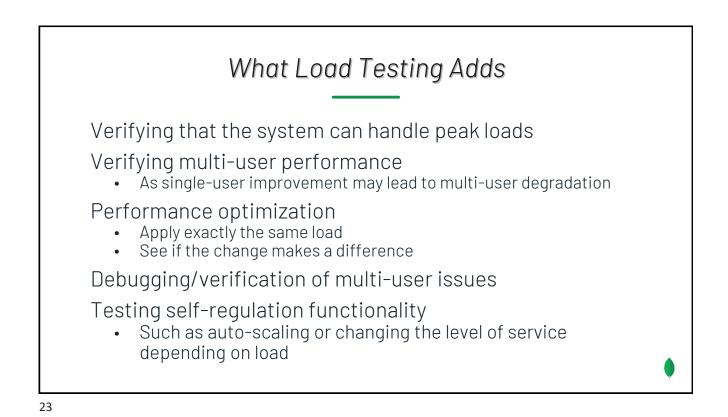


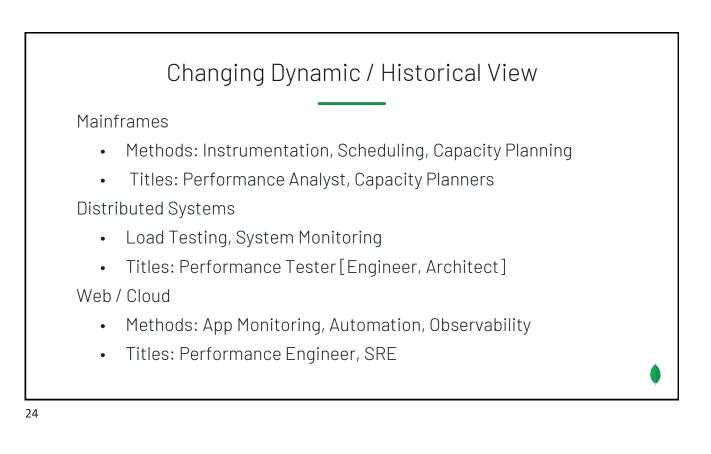








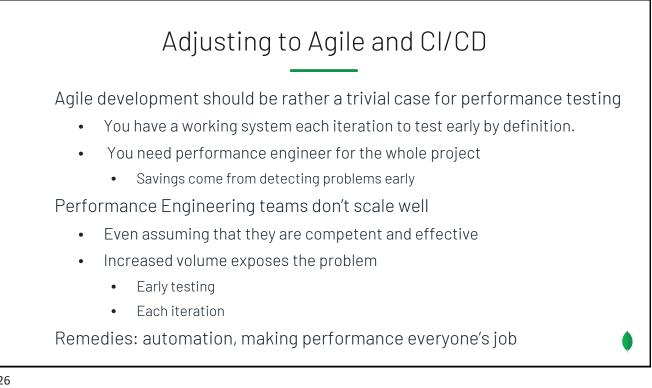


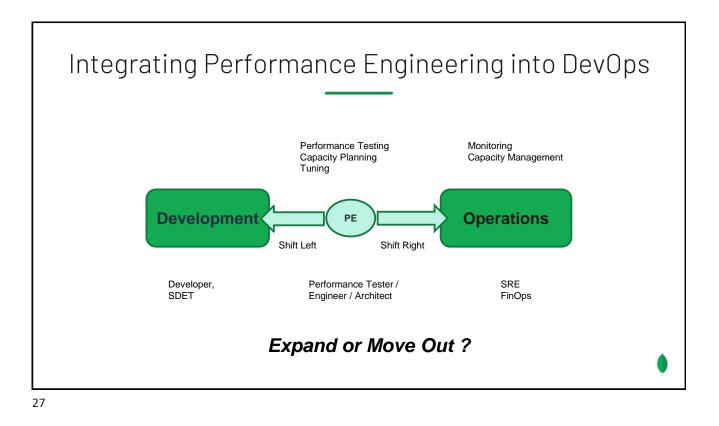


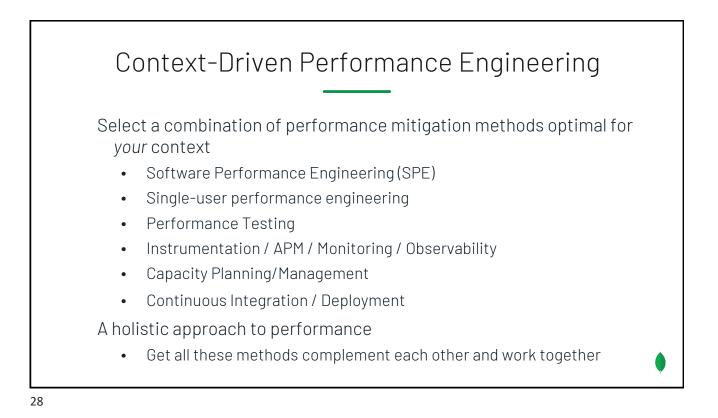
Five Trends of Performance Engineering

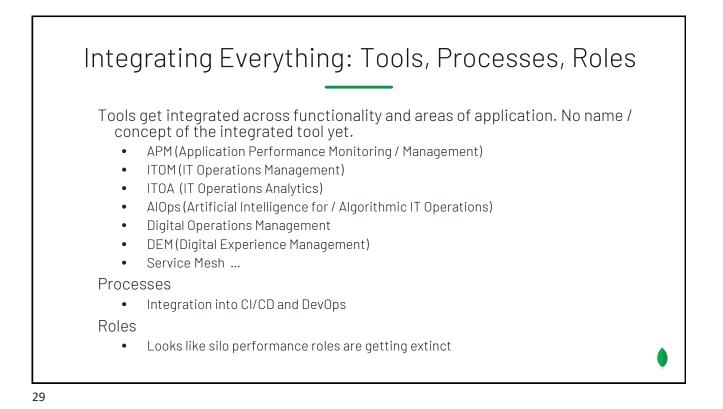
- Adjusting to Agile and CI/CD
- Integrating performance engineering into DevOps
- Context-driven performance engineering •
- Integrating everything: tools, processes, roles
- Chaos engineering: renaissance of reliability

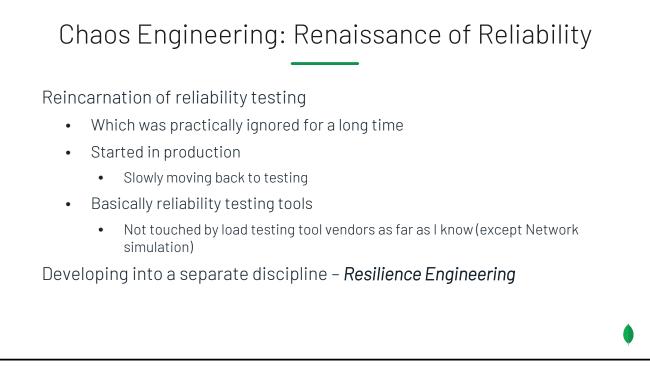
Originally published in State of Performance Engineering Report 2020











Pack Mentality Companies with non-critical business set fashions Google, Facebook, Netflix, etc. • Actively promote their processes (SRE, etc.) • Could tolerate temporary inconsistencies and infrequent user issues • Canary, A/B testing may work well • Focus on handling failures, not preventing them • Things they almost never mention: Performance testing Performance modeling 31

