

The History of Devops

“To understand where we are,

We not only must remember where we have been,

but we must understand where we have been.”

- Ella Baker

Hugo Heyman
Patricia Naccacian

Menti Go to menti.com

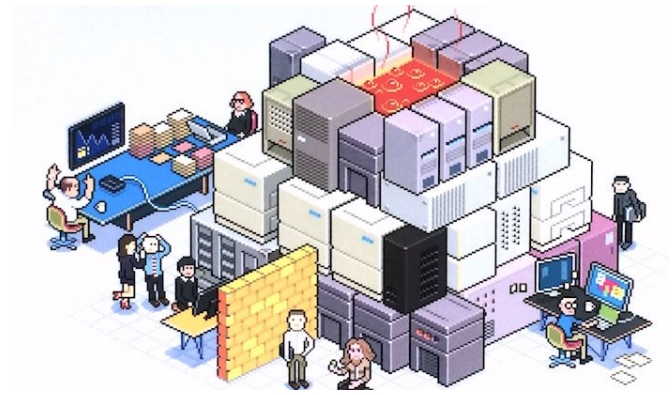
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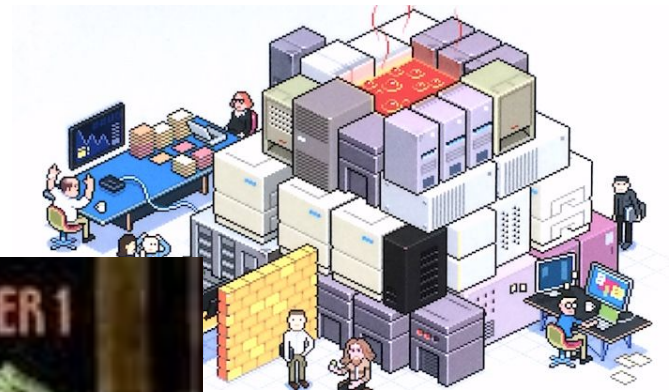
Structure

- The problem
- The birth of devops
- Founding principles
- Where devops is today
- Conclusion / reflection

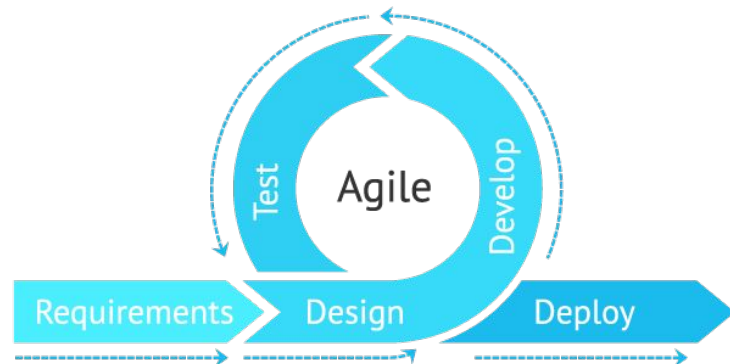
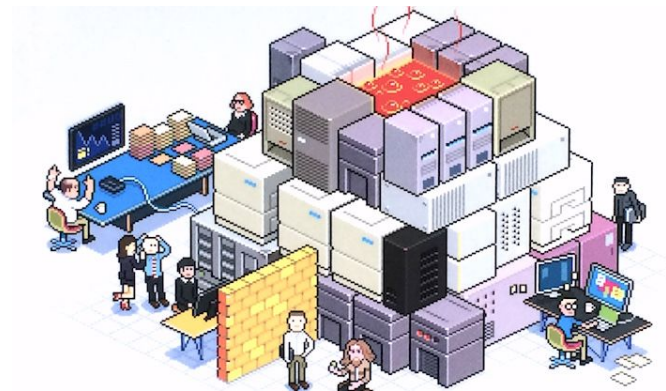
The problem < 2008



The problem
< 2008



The problem < 2008



The conversation 2008

Patrick Debois




Andrew Shafer



The presentation,
2009
“10+ deploys per day”

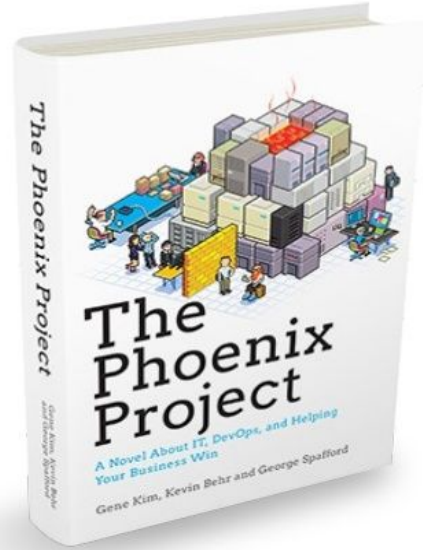


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1. If you do only one thing, automate the infrastructure.
 2. Shared version control.
 3. One step build and deploy.
 4. Shared metrics.

Culture

1. Don't stereotype.
(One slug does not represent all devs).
2. Trust. Operations and development must trust each other.
3. Healthy attitude about failure.

Rise to mainstream



Where devops is today

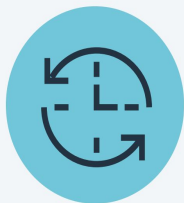


208
TIMES MORE

frequent code deployments

106
TIMES FASTER

lead time from
commit to deploy

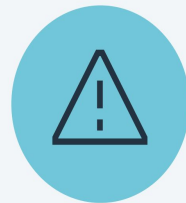


2,604
TIMES FASTER

time to recover from incidents

7
TIMES LOWER

change failure rate
(changes are 1/7 as likely to fail)



Conclusion

Devops arose as an **answer** to the problem of previous methodologies' inadequacies for software dev.

Devops is both about **tools** AND **culture**.

Devops **works** but has its own challenges.

Reflection

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