

DEVOPS

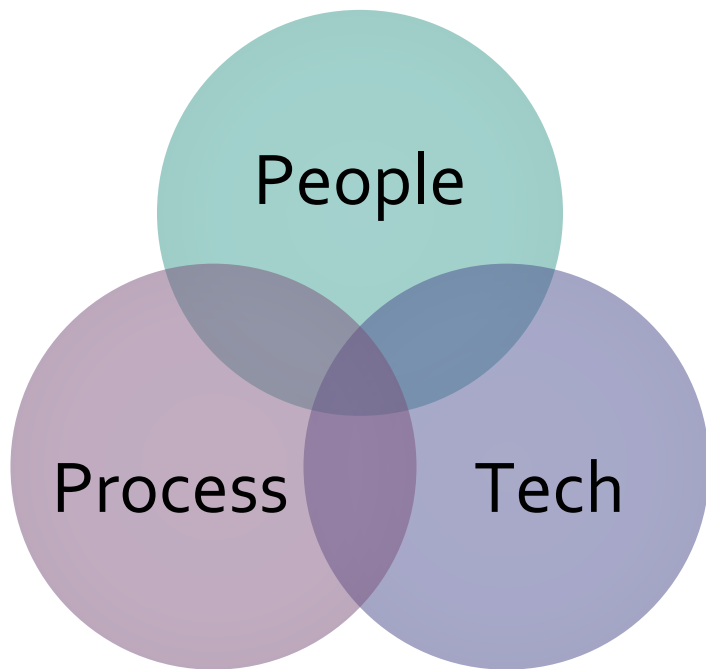
(BC DEVELOPERS' EXCHANGE)

DEVOPS WHY & HOW:

And other ideas



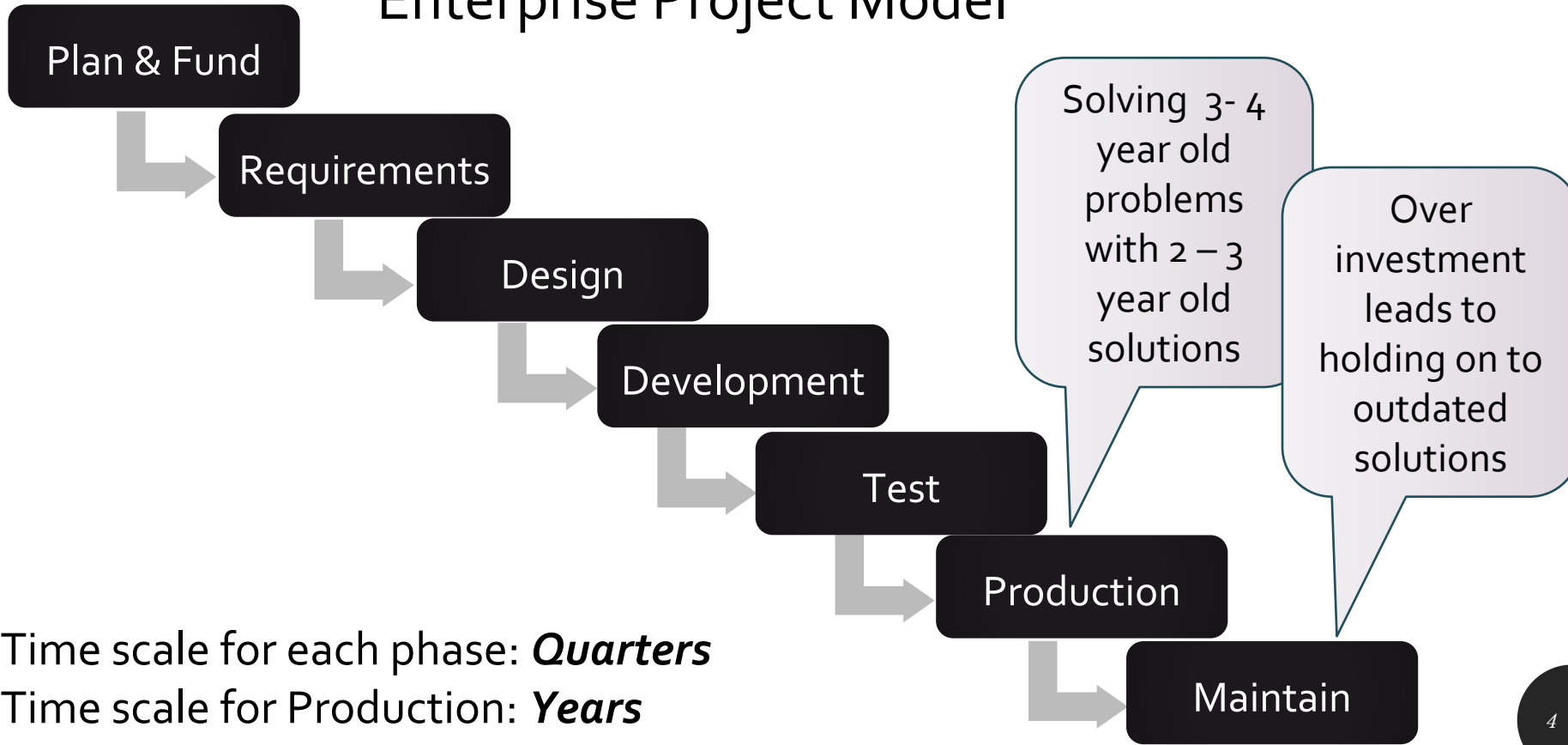
An Overlapping Story:

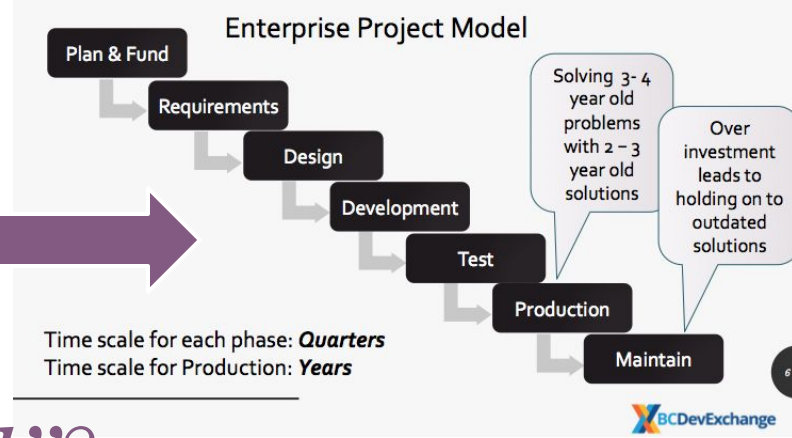


*warning: Many Many Venn Diagrams Ahead

*What we want to avoid
is...*

Enterprise Project Model





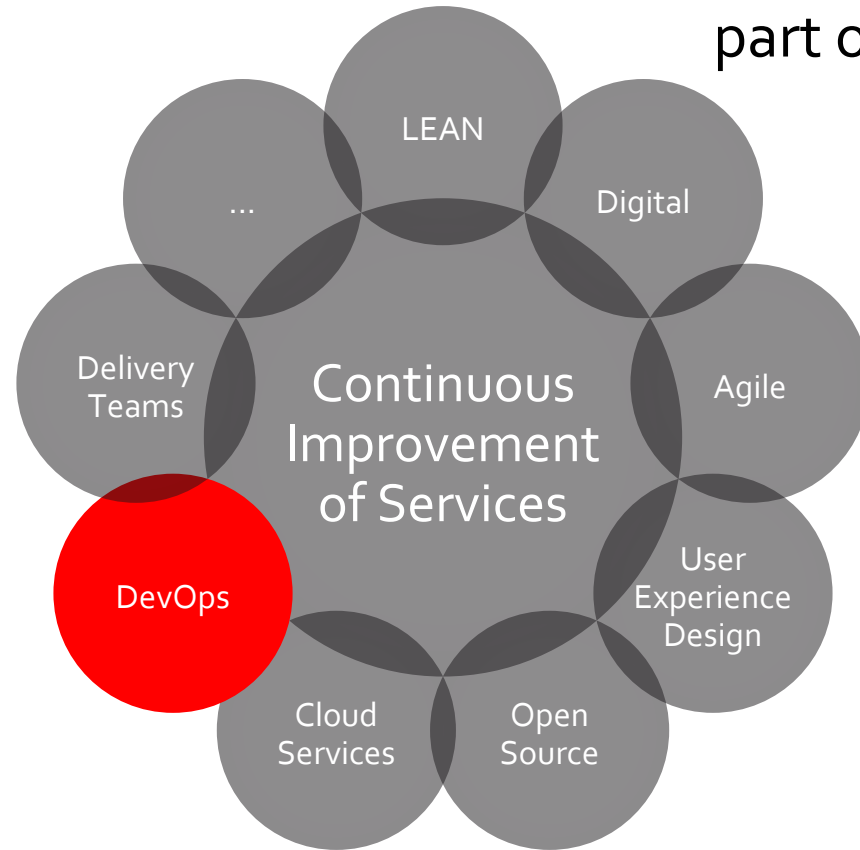
Q: Why is this “normal”?

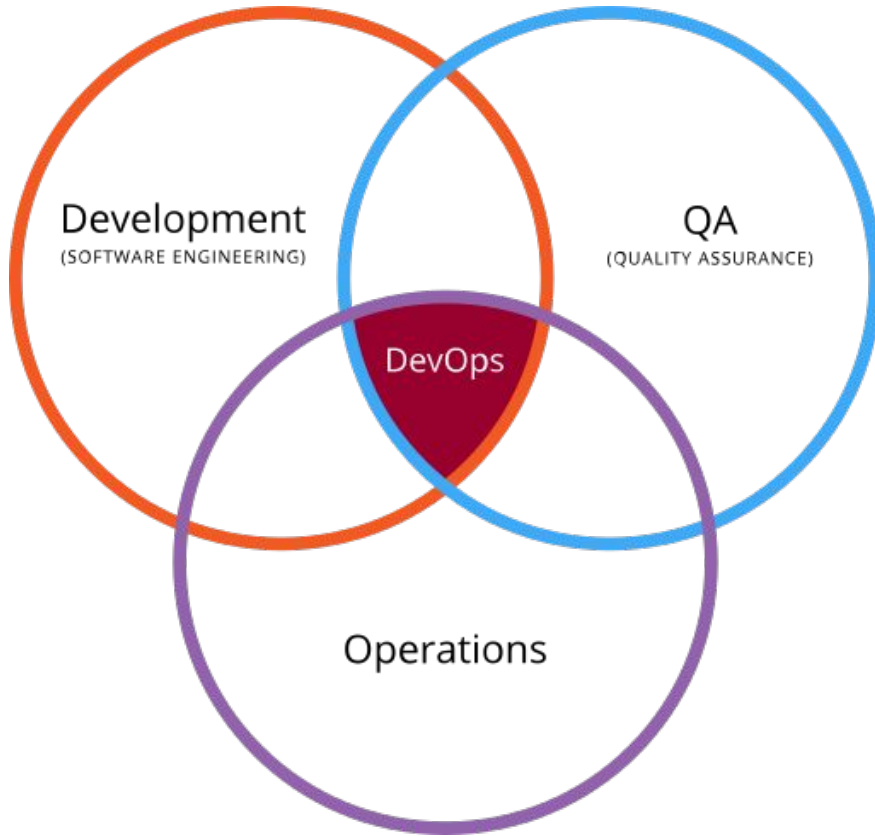
A: Perceived reduction of risk

*The outcome we want
is...*

Continuous Improvement of Services...

...there's lots of stuff that's part of how we get there





What is DevOps? ...it's a Culture Shift

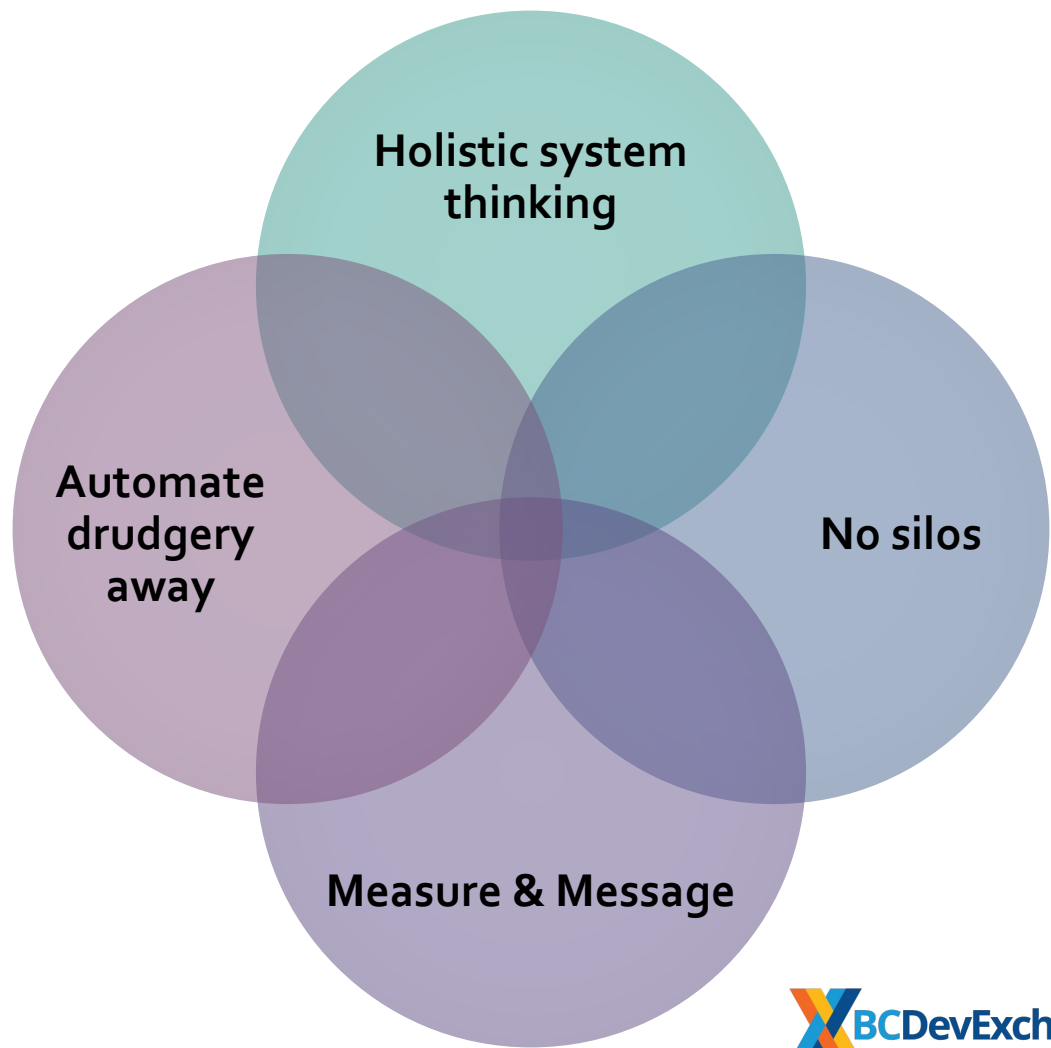
That Values:

- Collaboration
- Communication
- Speed

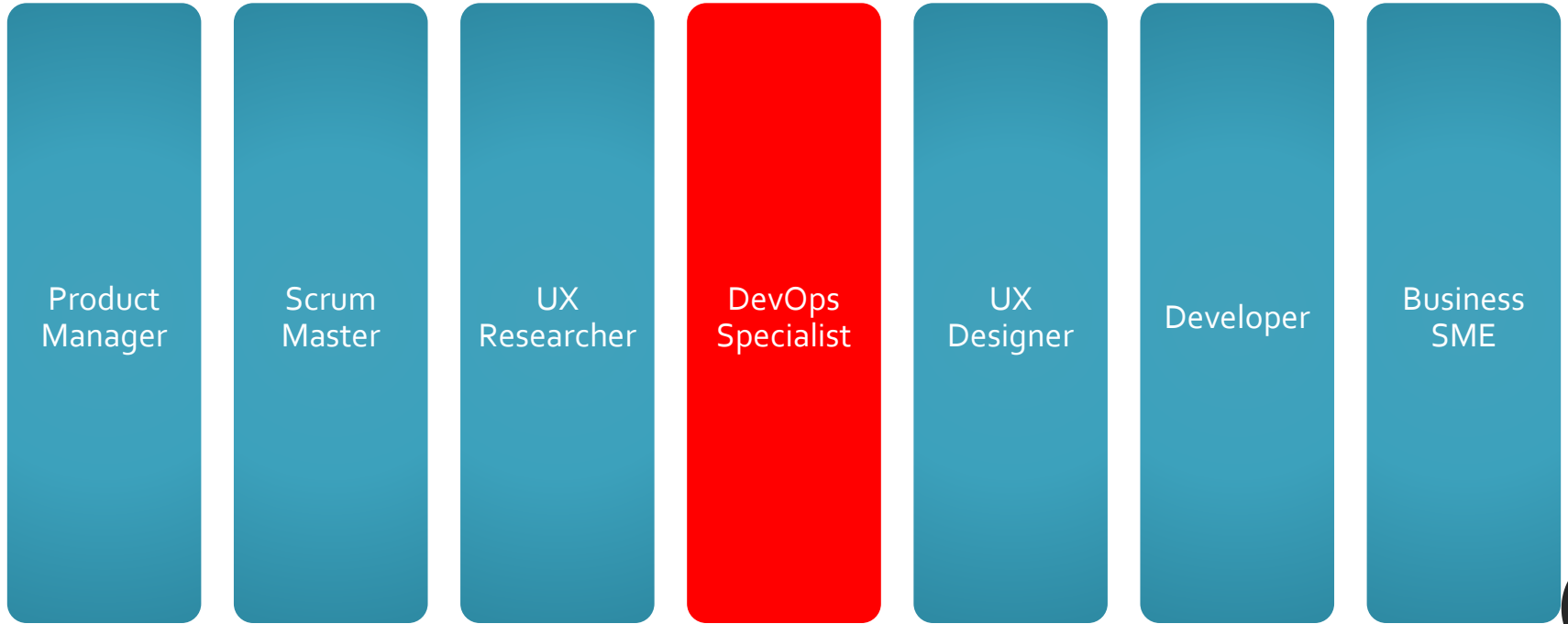
Takes advantage of the natural dynamics

- People
 - A quality work atmosphere has a direct connection to quality of work
- Process
 - People are not robots – let machines make machines (faster, repeatable, higher QA)
- Technology
 - Code: Don't lock down the most easily mutable and most direct impact on customer delight

4 DevOps Principles



The Continuous Service Improvement Team skill set

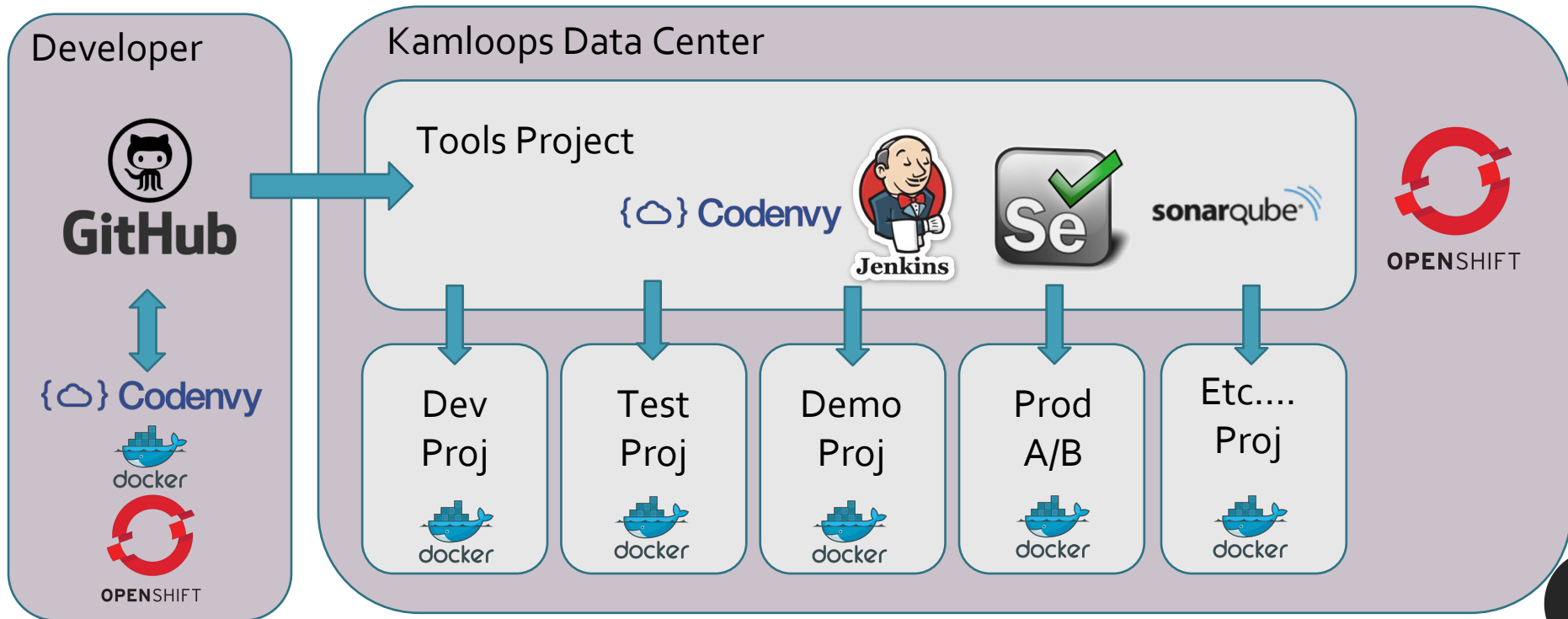


*Speed up cycle for delivering
incremental value to the public
service and citizens*

Continuous service improvement

*Lots of small improvements, each
done quickly*

Project Sets on OpenShift

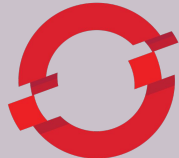


DevOps Community @ BCGov

- Apply – NOT- order
- Quota based – NOT- chargeback
- Community – NOT – Contract SLA
- DevOps Life Cycle – NOT- SDLC
- Continuous Service Improvement – NOT - Capital Project model



GitHub



OPENSIFT



slack



Trello

Rewards

- Fast, High quality, defined repeatable process for application development
 - Ability to “instant” prototype
 - A deeper, hands on, understanding of the IT possibilities
 - A high functioning team creating rock solid products and services
 - New features have a “days instead of months” delivery stream
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