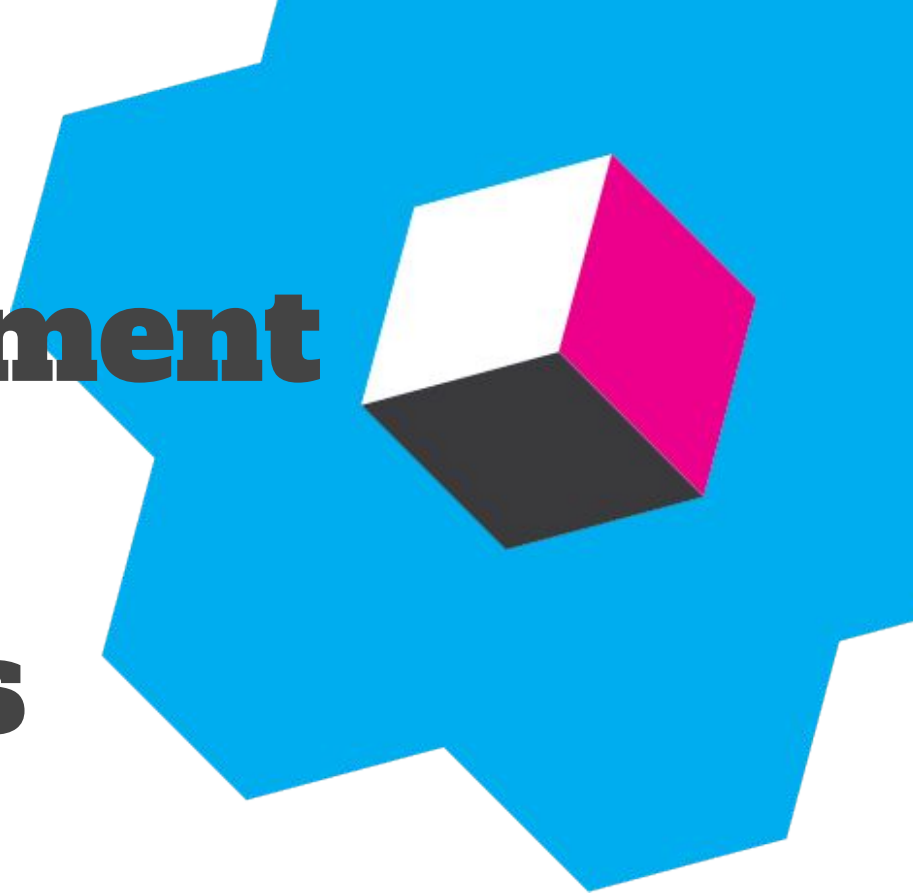
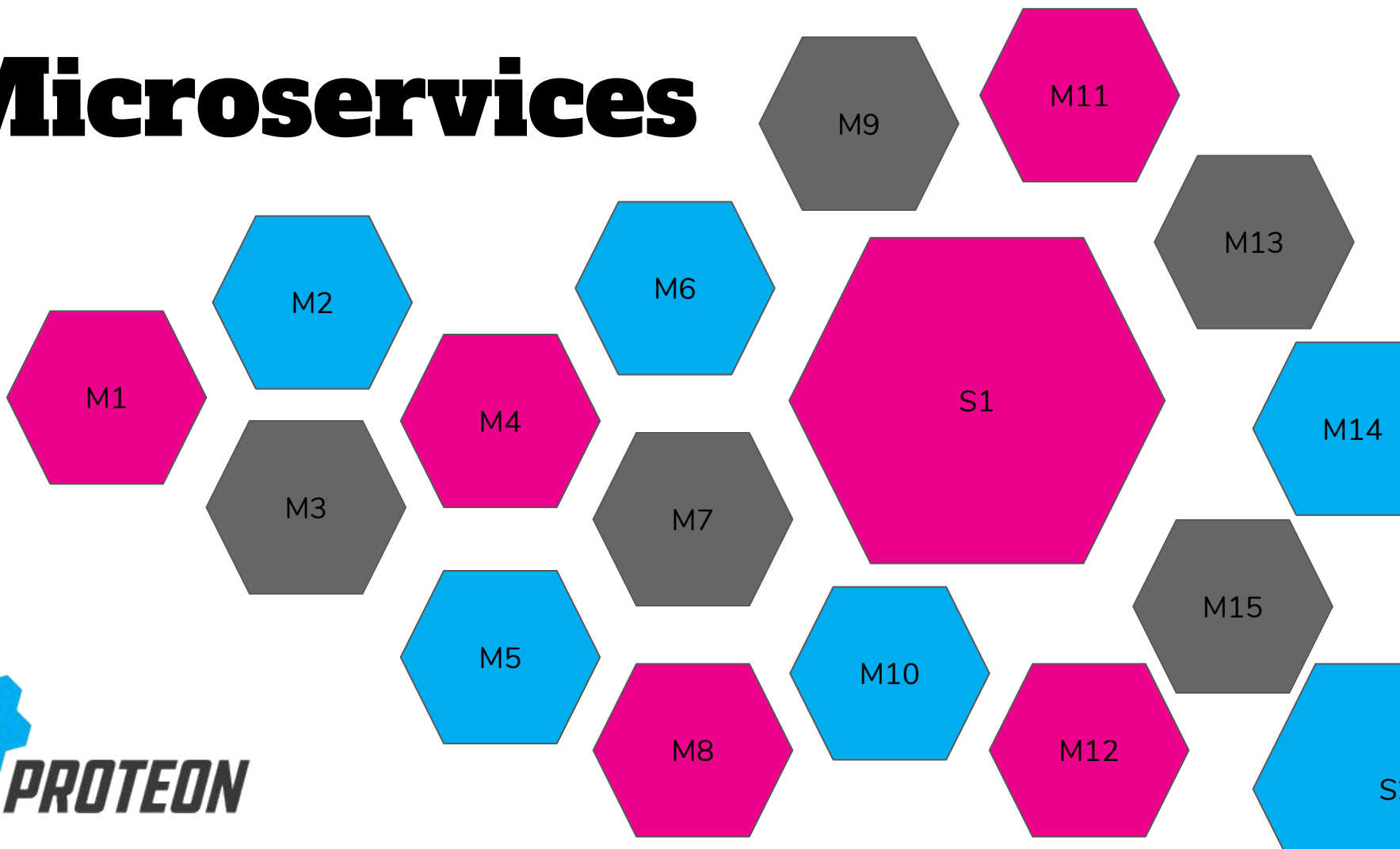


Fast, local development for OpenShift microservices



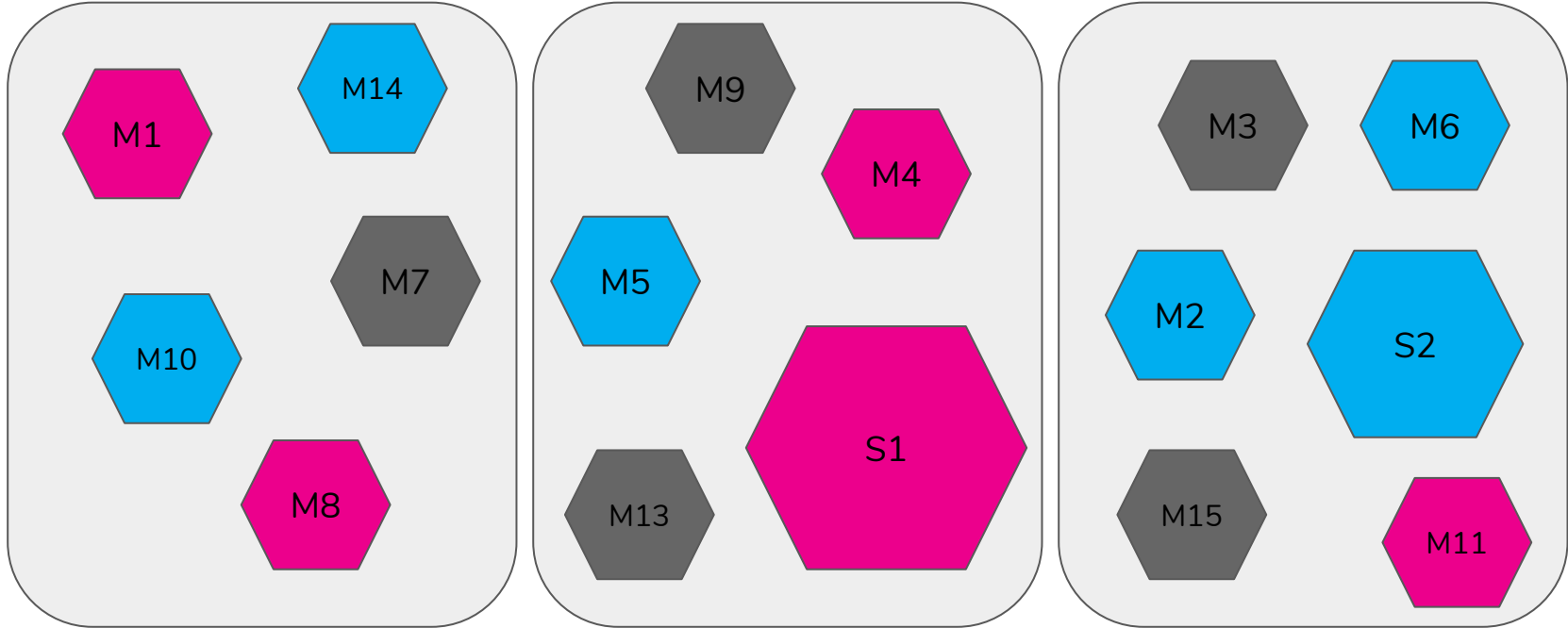
Juan Paniagua
Proteon Consulting

Microservices



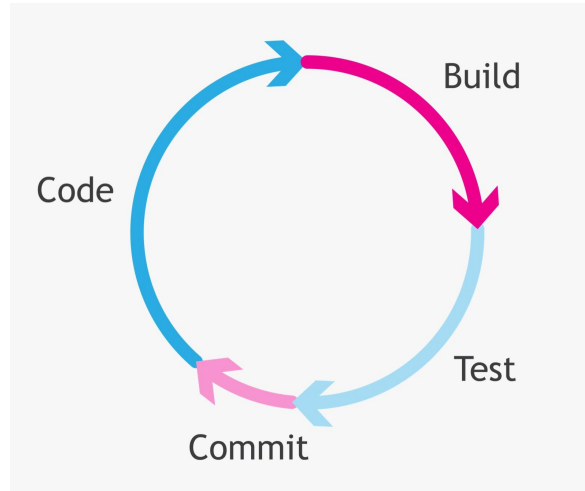
PROTEON

Openshift cluster

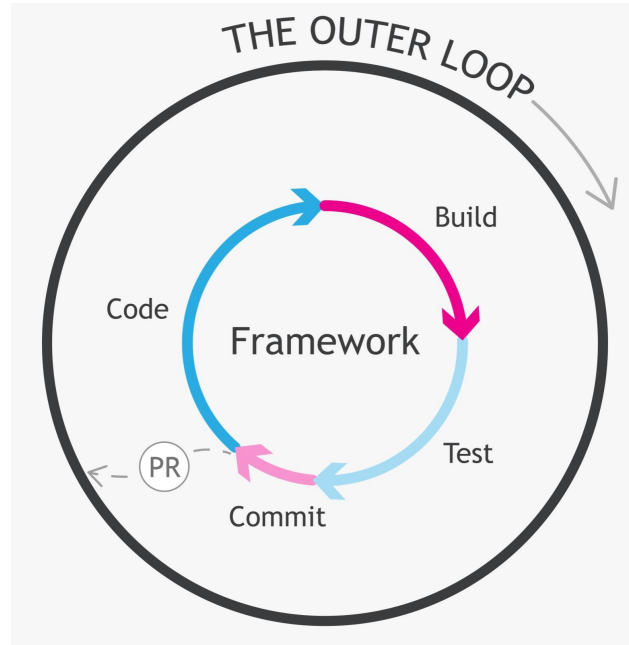


PROTEON

The Inner loop



The outer loop



PROTEON

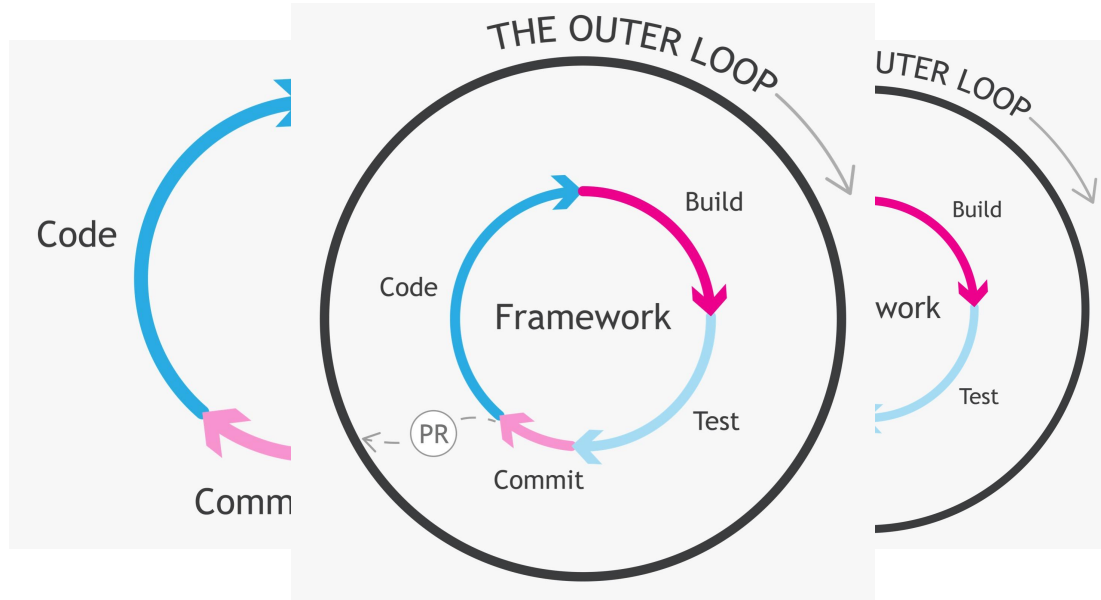
Problem 1

Replicating

environments



Inner == Outer



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Problem 2

Slow development experience



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How can we make it better?



PROTEON

Automation



SKAFFOLD



DRAFT



GITKUBE



TILT



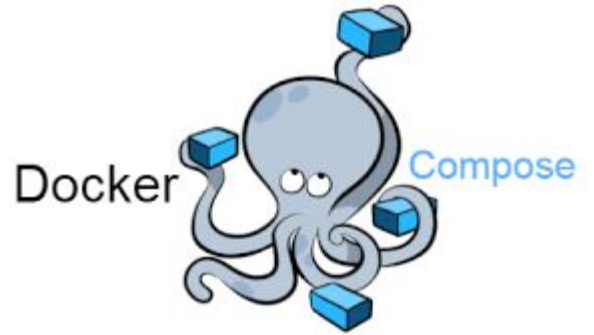
garden



PROTEON

The local options

MINISHIFT

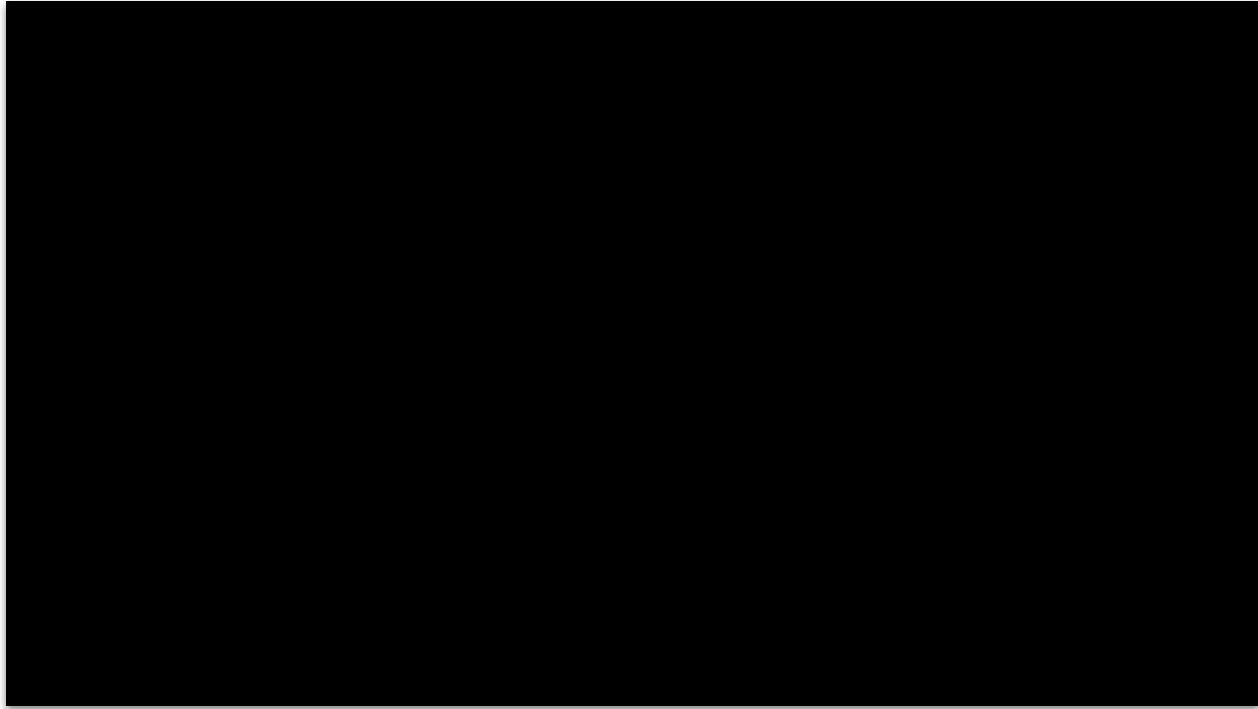


minikube



PROTEON

Docker compose



PROTEON

Minishift/Minikube



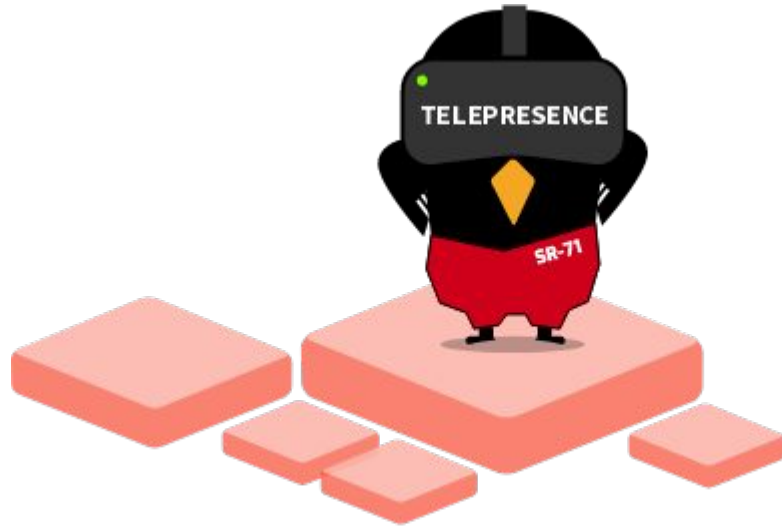
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**Developers deserve a
faster inner loop not
requiring to push code
and build containers.**



PROTEON

What is Telepresence?



PROTEON



**CLOUD NATIVE
COMPUTING FOUNDATION**

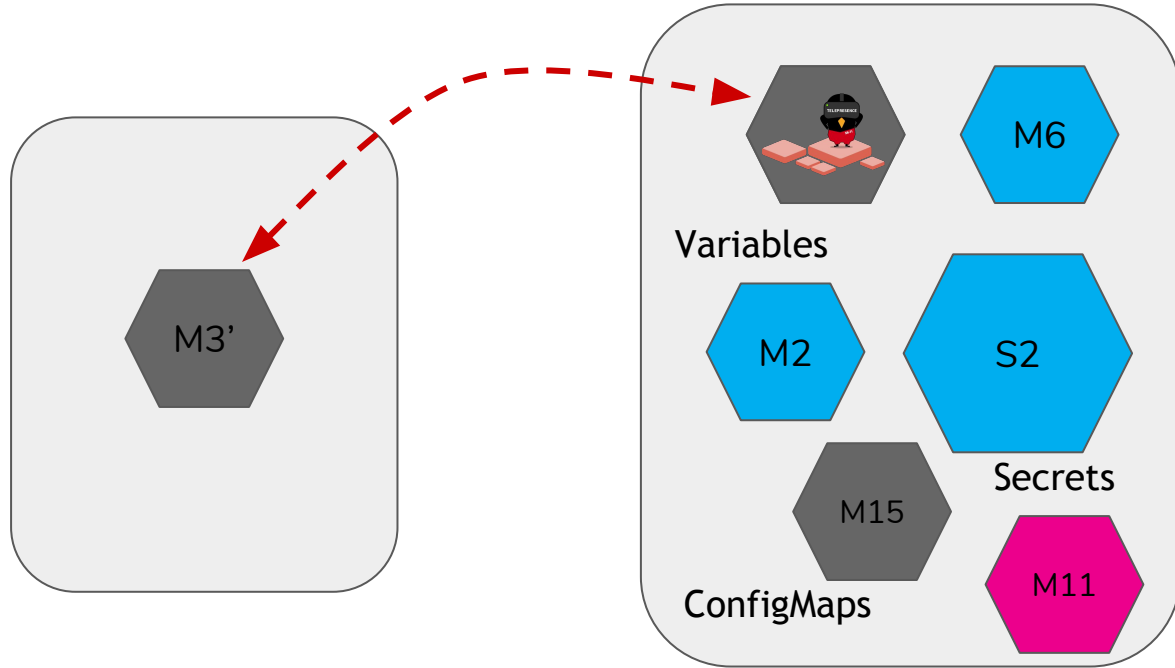
Benefits

- Use the tools you already know
- Heavy lifting done in the cloud
- Realistic environment
- Same network
- Very fast inner loop!



PROTEON

How does it work?



PROTEON

Challenges

- Multiple developers
- Multiple simultaneous swaps
- Proxy takes 'long time' to swap

