



Today's Speakers



John Wetherill

Developer Evangelist





NOTES:

Bart will tell a story of how we got into this space

Dan will provide a real-world service-provider perspective on HP's private cloud initiatives and vision

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Menu

- Lecture
- Hands-on
- Discussion
- Q&A
- Demonstrations



Section I: The Cloud and PaaS

- The Cloud: Background & History
- Everything-as-a-Service
- Public / Private / Hybrid
- Platform as a Service
- The PaaS landscape today



Section X: PaaS and laaS

- laaS Landscape
- Provisioning
- Autoscaling
- Metering and Billing
- Templates
- High Availability and Policies Active State Code to Cloud: Smarter, Safer, Faster

Section X: Scaling in the Cloud

- Scaling Myths and Facts
- Scaling Cloud Applications
- Using PaaS to Scale
- Scaling Practices
- Tools and Techniques



Section X: Logging in the Cloud

- Distributed Log Aggregation
- Logging services and apps
- Logging Practices
- json logging
- logging to scale



Section X: Containerization

- LXC Containers
- benefits of isolation
- docker



Section X: Debugging in the Cloud

- Eclipse / IntelliJ / Komodo
- Debugging in Java



Section X: Clustering

- Concepts
- Benefits
- Flow



Section X: Tools

- Jenkins
- Memory Leak Detection
- IDE Plugins



Section X: Cloud Practices

- REST
- Statelessness
- API-first



Section X: Technologies

- scm
- sinatra
- camel
- WebSockets/WebRTC
- Neo4j



Discussion: Pain Points

- SDLC
- Customer
- Development Team
- Support
- Shareholder



Discussion: Lessons from the Cloud Security Alliance Conference



Discussion: Mobile Requirements and the Cloud



Technologies / Practices

- NoSQL: MongoDB and Neo4j
- Apache Camel Integration
- Sinatra lightweight MVC
- · CI / CD / TDD
- Antipatterns









Languages PaaS Python













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ActiveState Code to Cloud: Smarter, Safer, Faster

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