IBM Bluemix

Build, Deploy and Test a Mobile App in the Cloud

Leigh Williamson

IBM Distinguished Engineer, Mobile Application Development

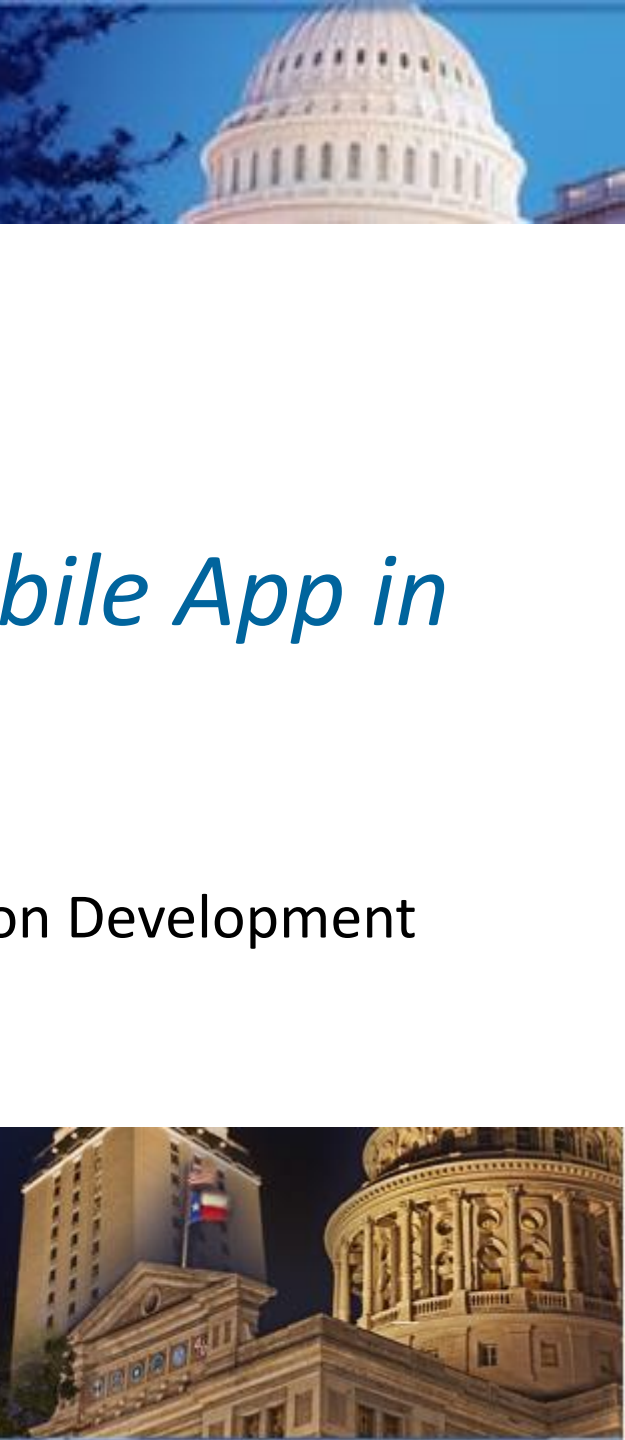*IBM Rational Software*

Delivering mobile innovation is very different

⇨ Mobile apps are different

⇨ Management is different

⇨ Development is different

⇨ Security is different

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The mobile reality: improving our approach

Efficiency
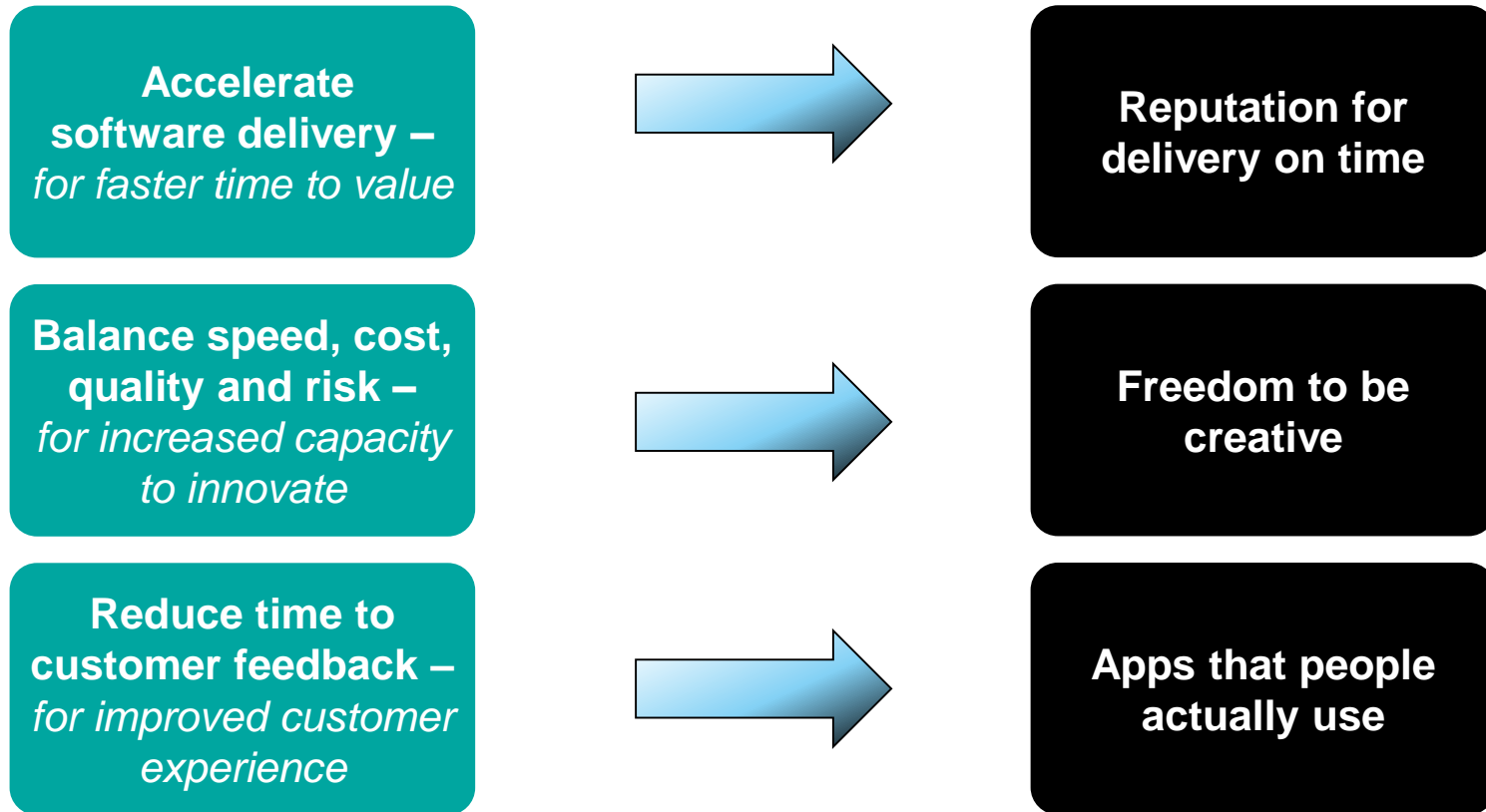Continuous Delivery

Effectiveness
Continuous Feedback

Achieved through leaner processes, people and platforms.

Requires prioritized decisions based on continuous feedback and better analytics.

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DevOps for mobile
Developer: what's in it for YOU?

Accelerate software delivery – *for faster time to value*	→	**Reputation for delivery on time**
Balance speed, cost, quality and risk – *for increased capacity to innovate*	→	**Freedom to be creative**
Reduce time to customer feedback – *for improved customer experience*	→	**Apps that people actually use**

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IBM DevOps Services for Cloud
Open, integrated rapid development experience that scales

Git hosting

Store and manage the code for your application in the hosted Git repo.

Integrated Development Environment

Use built-in Web IDE, Eclipse, Visual Studio or leverage your tool of choice.

Agile planning & tracking, team collaboration

Easily share work and collaborate with team members.

Mobile quality

Improve mobile app quality through crash analytics, sentiment analysis, and feedback.
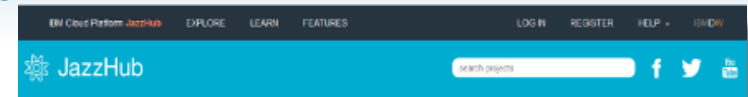
Continuous Integration

Continuously build, scan, and test code to improve quality and increase speed of delivery.

Deployment automation

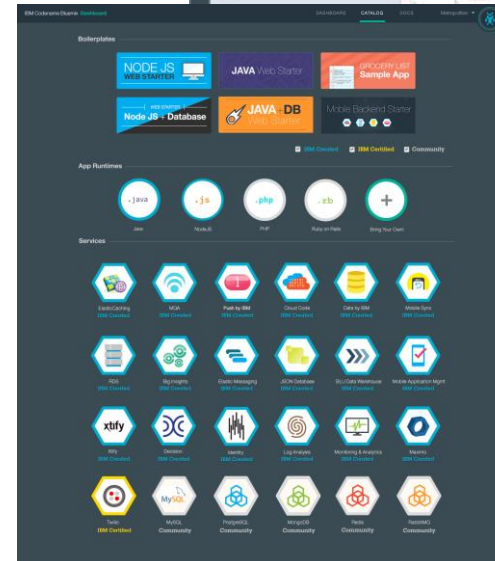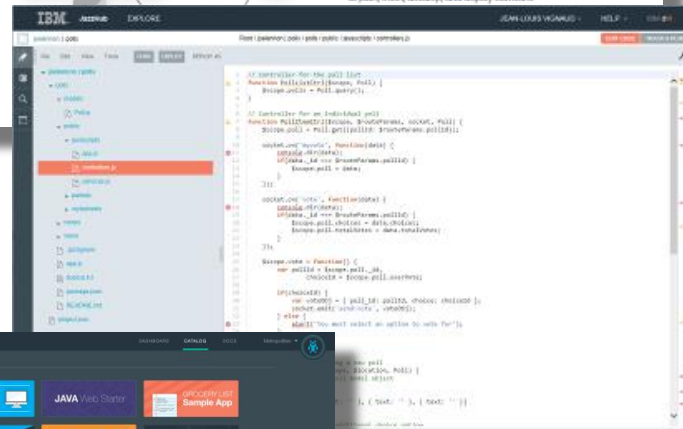**Instantly deploy your applications.**

Performance monitoring

Identify the early occurrence and root cause of performance issues, not just the symptoms, throughout the application lifecycle. Conduct code level diagnostics to identify bottlenecks and optimize application performance.
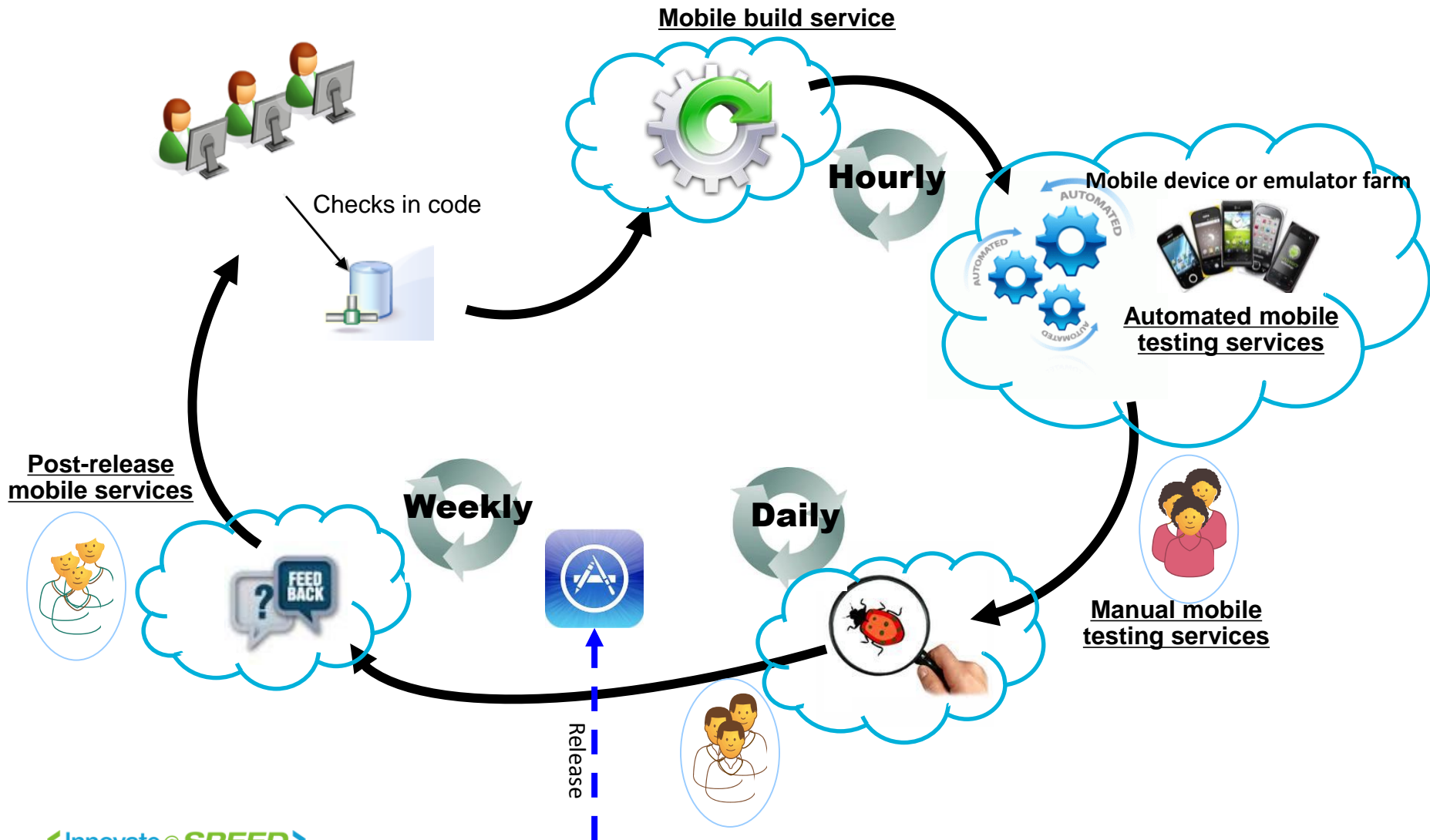
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Continuous delivery and feedback for mobile apps

Mobile build service

Checks in code

Hourly

Mobile device or emulator farm

Automated mobile testing services

Post-release mobile services

Weekly

Daily

Manual mobile testing services

Release

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