



DevOps: State of the Union

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Agenda

intro

what to expect

interviews

intro

Adrian Cole (@jclouds)

founded jclouds march 2009

contributor on many cloud programs

history includes production engineering

DevOps

Notice there's no / between Dev and Ops

Interviewees

Adam Jacob

Ernest Mueller

Grig Gheorghiu

James Turnbull

Joe Williams

Luke Kanies

Patrick Debois

Sacha Labourey

interview process

What's your context in the DevOps world?

Where are we today?

What are your favorite ideas, tools, etc. which you think progress the movement and why?

Where do we need to go next?

Adam Jacob

Co-founder of Opscode, and the author of Chef: a systems integration tool.

Systems Administrator/Engineer for the last 14 years

Career focused on running production web applications and building infrastructure automation.

Codifying Experts	Evolving Dev, Deploy & Manage	Evolving how we think about our businesses
Support and foster the business	Business forward > destabilization prevention	Focus on culture! tools are easy
Clarify Cultural Goals	Intentional Community Building	Help others find shared value

Ernest Mueller

Been on and/or managed a lot of Web Ops teams

Interested in automation, collaboration, agile
before “DevOps” was coined

Formed a DevOps team and delivered 2 SaaS
products in a year!

Gaining Mindshare & Activities	Not yet widespread adoption	Topics are seen as being "on the Ops side"
Expansion of agile principles to operations	Cloud Computing (& CloudKick)	Model driven automation
No one really knows if they're doing DevOps or not!	Need a better definition	Know what it means to practice DevOps

Grig Gheorghiu

Director of Operations for Evite

3 years cloud seasoned: currently hybrid w/
ec2, future multi-cloud

Strong belief in nimble automated operations

Embracing cloud; thinking scalability & automation	Increase in idea and best practice sharing	Big web shops are open sourcing tools
Automation Tools (Chef, Puppet, Fabric)	Multi-cloud (libcloud, jclouds) & OpenStack	NoSQL = scalability and options
Open Source more scalability and automation tools!	Contribute to more OSS like libcloud and jclouds	Check out Overmind!

James Turnbull

Author, Puppet expert, Early Adopter

Interested in pursuing movements and memes that make being a sysadmin easier and allow us to work smarter

Believes DevOps is compelling and seems to have struck a nerve in a lot of sysadmins

Still building steam	We've got the idea out there	Disseminating and starting to attract dissenters
Puppet fanboi!	Simple tools -> big leaps in productivity	Cucumber, Nagios, Vagrant, Fog, Flapjack
Spread the word	Evangelize	Examine misconceptions that reveal revisionism

Joe Williams

sysadmin and ops/infra engineer for
Cloudbant, a nosql based company

looking to be involved in the greater ops
community

Young but growing up fast	Lots of deliberation, activity and experimentation	Hopefully leading to progress in the field
Adoption of development processes	Adoption of metrics	“infrastructure as code”
more data based decision making in ops	"data driven operations"	Empiricism is key: there are too many cowboys

Luke Kanies

Has been pushing sysadmins to adopt tools and tool cycles from developers for years

founded the Puppet project as a means of helping sysadmins do exactly that

Large banks know DevOps; Executives have DevOps groups	Traditional enterprise consultants are using the term	Term is young and open to abuse
Iterate quickly	Hack tools you use to make them better	Don't settle for crappy, manual solutions
Push and talk about this space	Find independent people to help spread the idea	Ensure ideas are diversely formed

Patrick Debois

Often at both ends of the “change chain”

Uses Agile ideas to link SA and Dev

Founded first DevOpsDays

Promoting the Term	Toolsets are getting out	Getting passionate about the term
Share business focus and see we're in it together	Optimize the whole and not the individual parts	Would like more integration of concepts (Kanban, Agile)
Move from tools to the Human Part	Find common patterns on collaboration	Much, much more work on dev and Agile side

Sacha Laborey

Founder of CloudBees, a PaaS provider

DevOps is at the core of our job: we need to make sure all layers just below the application layer are properly mesh-up, easy to maintain, optimized, etc.

perceived as a required element cloud deployment	processes, best practices and tools are maturing	understanding by the mass is slowed down by mix of concepts
Mature tools (Puppet, Chef)	Best practices	Detailed user stories
Create a strong and unified definition	Embed know-how in IaaS & PaaS to reduce the need	"absorption" will be part 10 years cloud maturation

Participate!

devops-toolchain@googlegroups

DevOps Days

OpsCamp