

Continuously deliver your puppet code with jenkins, r10k and git

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whoami

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Agenda

- A short story about configuration management
- What is continous delivery
- How do we develop our Puppet code
- And what about deploying the code?
- Jenkins, GIT and r10k!
- Where do we go from here

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- The problem: count(teammembers) == count(standards)
- So configuration management is the solution to all our problems

The solution to all our problems

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▶ Broke our systems

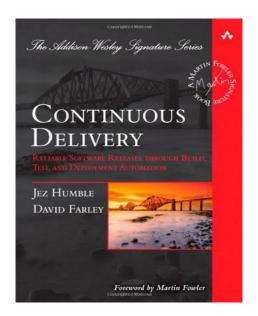
WHY????

Problems with our old CM system

- Systems installed without CM are hard to bring under CM control
- Every system is a special case
- ▶ In the beginning every problem was a CM problem
- CFEngine 2 based, no unit tests
- ▶ Deployment in stages, but we always had to cross our fingers
- Deployment via manual tagging and checkout, so mistakes happened
- We fixed the same mistakes more than once

So whats our solution?

or: why should i care?



Continuous delivery

▶ is a pattern for getting software from development to release

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Continuous delivery

- ▶ is a pattern for getting software from development to release
- this pattern is called the deployment pipeline

The deployment pipeline

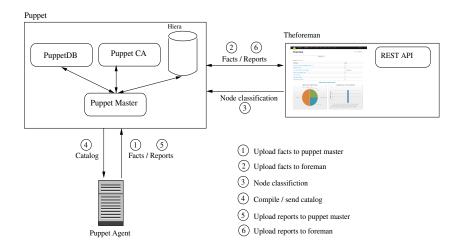


The deployment pipeline



but the automated acceptance are currently missing in our setup, we will fix this with beaker (thanks puppetlabs)

Puppet run



Was ist Foreman?

