Reality
Continuous Delivery of Business Value
Co-opetition?
Myth: the Effects of Using Tools
Managing Systems with Puppet

“Puppet automates a system administrator's task of keeping the configuration of a set of systems up to date.”

Puppet labs leads the development of Puppet.
How Puppet Works

- Configuration Language
- Transactional Layer
- Resource Abstraction Layer
How Puppet Works
Starting Out
Making Your Puppets
First Attempt at Running
Testing

Syntax Error: got `:` expected `}` on line 1
Complexity
Simplicity
So You Decide to Do the Right Thing...
I have to do what?!
A New Set of Issues

• Infrastructure as code without a coding tool?
• Collaboration with colleagues and others?
• Deployment without live testing or understanding the impact of changes?
Cloudsmith
Geppetto Project

• What is Geppetto?
• Why did we create it?
• What does it do?
• How can I get it?
Geppetto Objectives

• Provide a coding tool for "Infrastructure as Code"
• Flatten the Puppet learning curve
• Support Puppet best practices
• Encourage sharing
What is in Geppetto

• Editor for Puppet manifests and module metadata
• Incremental validation
• Project wizards
• Integration with source code repositories and Puppet Forge
Geppetto Packaging

• All in one download, ready to use
  – integrated with svn and git
• As Eclipse plug-ins
• Open source (Apache, EPL)
Geppetto Demo
Now What?
Geppetto

THE TALE OF A PUPPET

By Cloudsmith

Illustrated by Alice Carsey