IMPORT CONTINUOUS DELIVERY.

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ZeroTurnaround
AGENDA

● Problem
● Jenkins
● LiveRebel
● Continuous Delivery Pipeline
● Demos
● Q & A
Fedex process
Fedex process

- You package deliverables
Fedex process

• You package deliverables
• You send that package
Fedex process

- You package deliverables
- You send that package
- You track the package
Fedex process

- You package deliverables
- You send that package
- You track the package
- You confirm delivery
Fedex process

- You package deliverables
- You send that package
- You track the package
- You confirm delivery
- Profit!
What about software?
CREATE PACKAGE

WAR

myApp.war

JAR

myLib.jar

EAR

myApp.ear
Where did it come from?
How does it get to prod?
How does it get deployed?
What exactly went to prod?
Jenkins

(Always safe to talk about OSS projects)
Continuous Integration Server
Orchestration
Platform
Automation Platform
CRON on STEROIDS
Jenkins

- Logging
- Notifications
- Clustered
- GUI
- Authentication
- Authorization
LiveRebel
(Commercial deployment tool)
What is LiveRebel?

- Dashboard
- Application Servers
- Applications
- Deployments
- Scriptable
What can you do with LiveRebel?

- Deploy/U ndeploy
- Update
  - No downtime
  - No lost sessions
- Plain old restarts
- Edit in place
Why LiveRebel?

- No good OSS alternative
- Supports many containers
- No downtime updates
- Integrates with OSS projects
JENKINS + LIVEREBEL

• Jenkins
  • Orchestrate the process

• LiveRebel
  • Handle deployments
What is continuous delivery?
Now let's build a trackable pipeline!
ASPECTS

• Job chaining
• Artifact propagation
• Artifact tracking
• Artifact deployment
ASPECTS

• Job chaining
• Artifact propagation
• Artifact tracking
• Artifact deployment
• Transparency