JBoss Community

RHQ and JBoss ON

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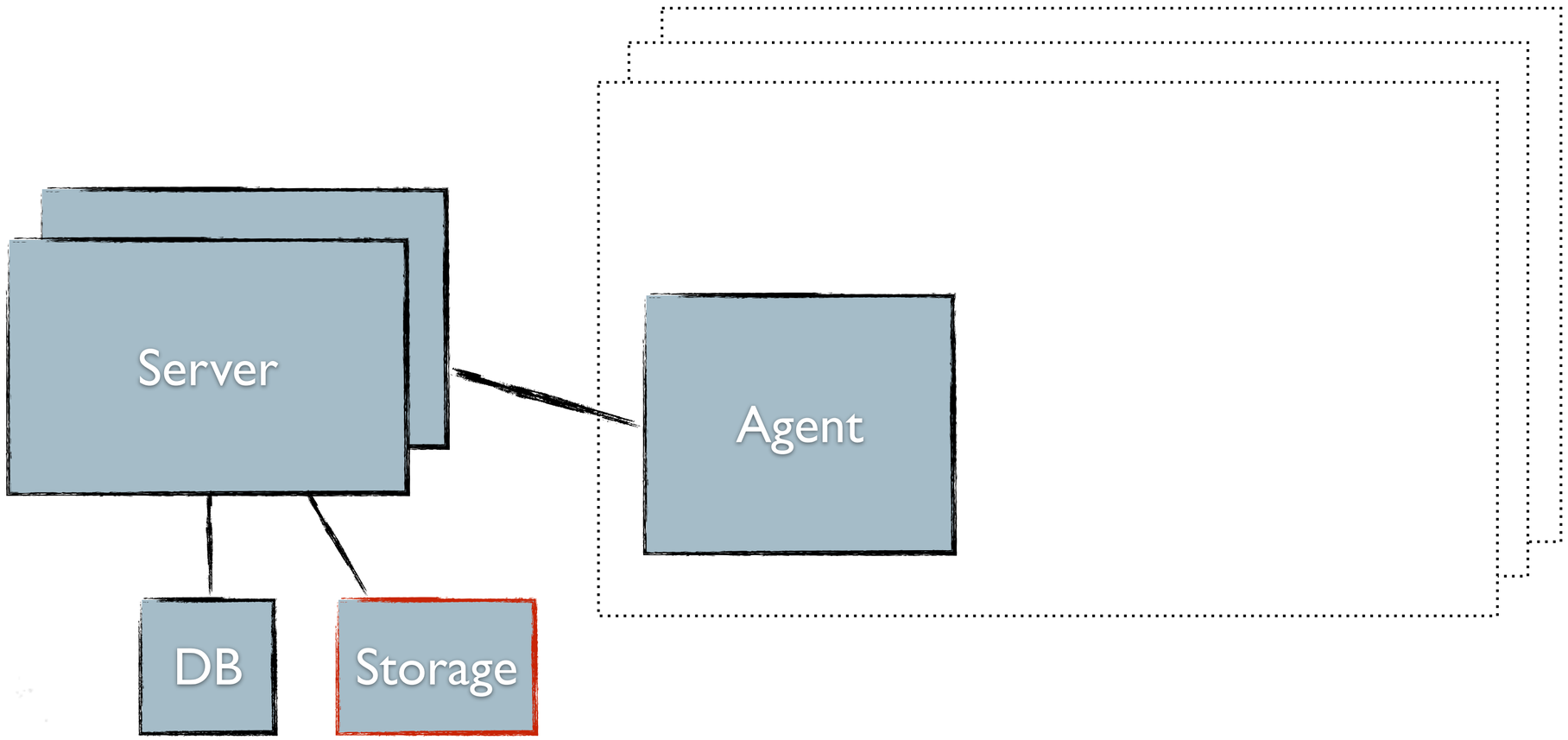
#rhq on Freenet

Overview

- http://jboss.org/rhq/
- Framework for
  - Monitoring, Alerting, Management of servers and applications
- Central Server(s)
- Agents on managed machines
- Plugins do the actual work

Overview (2)



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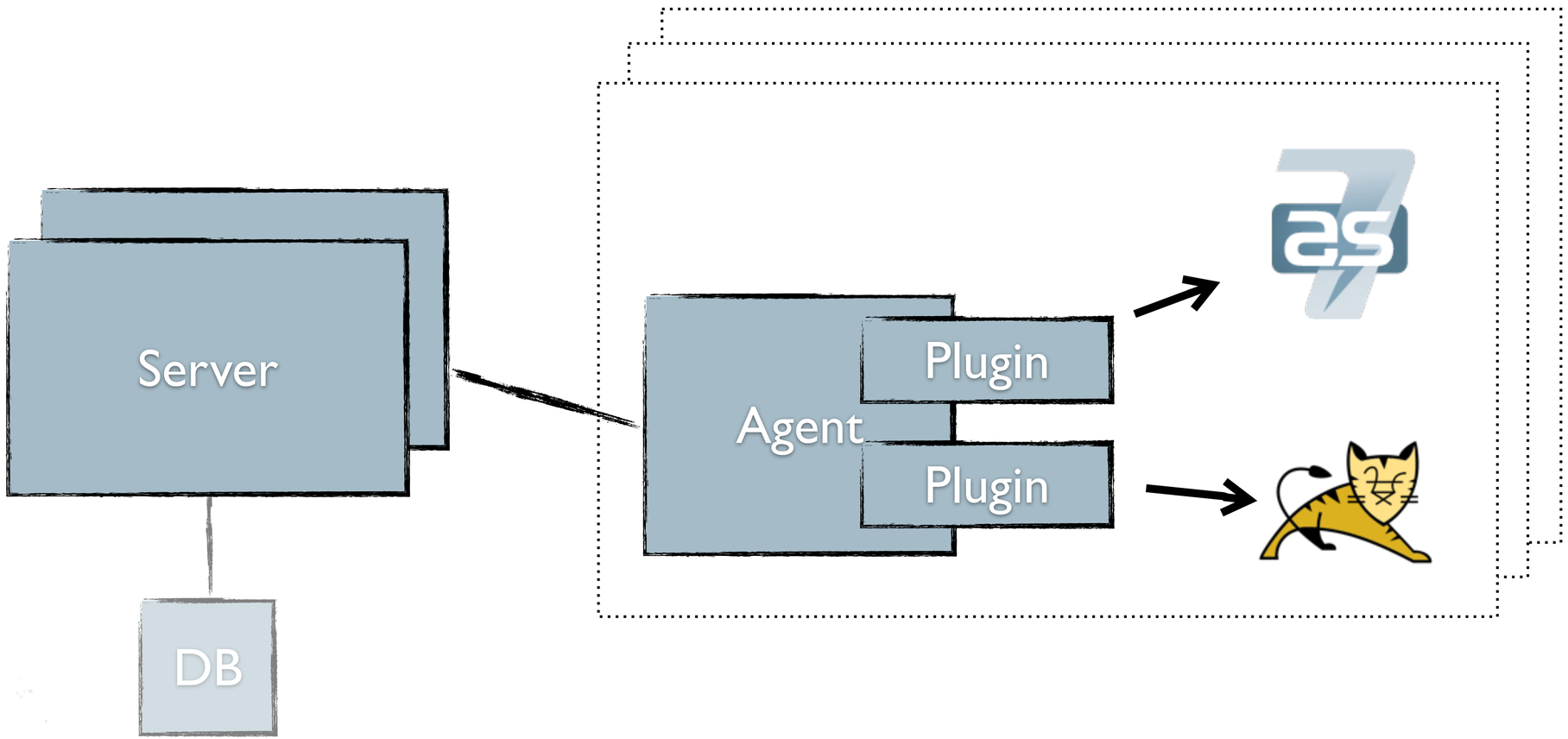

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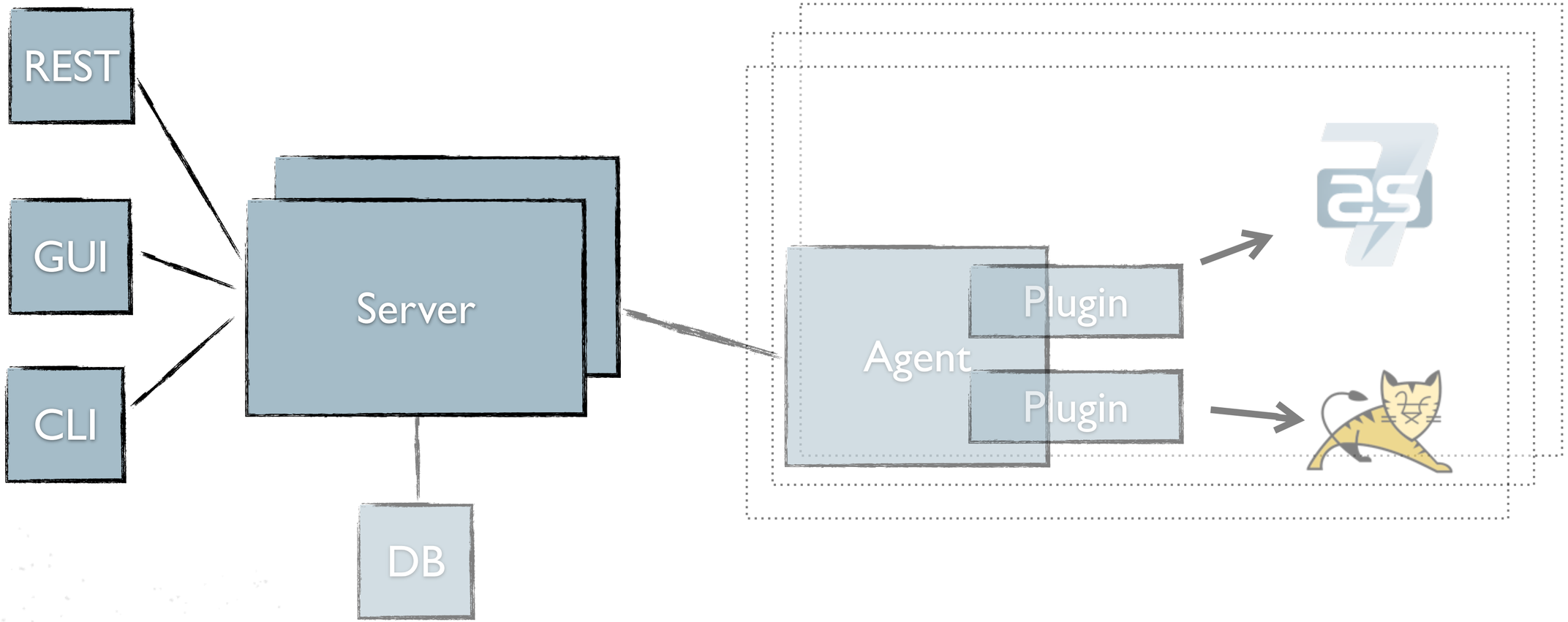

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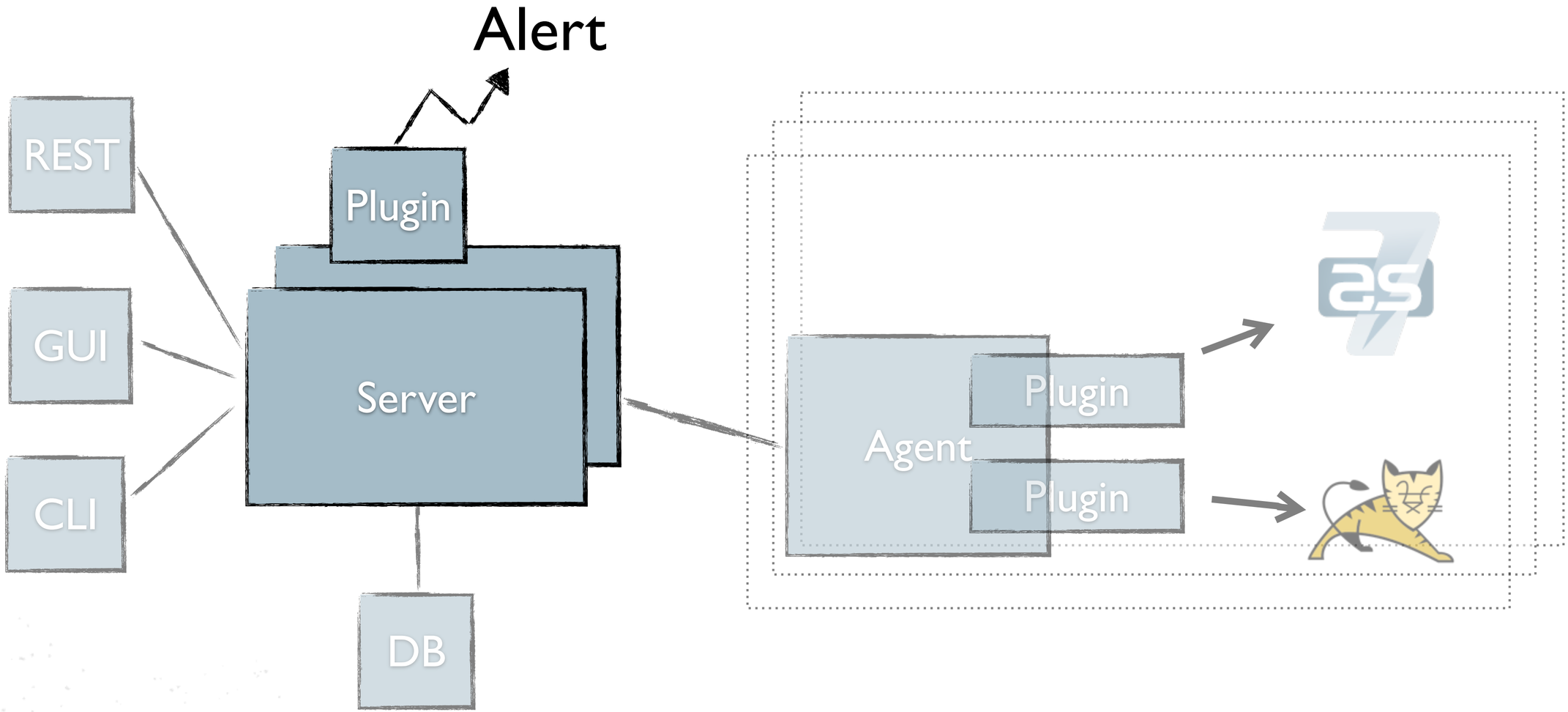
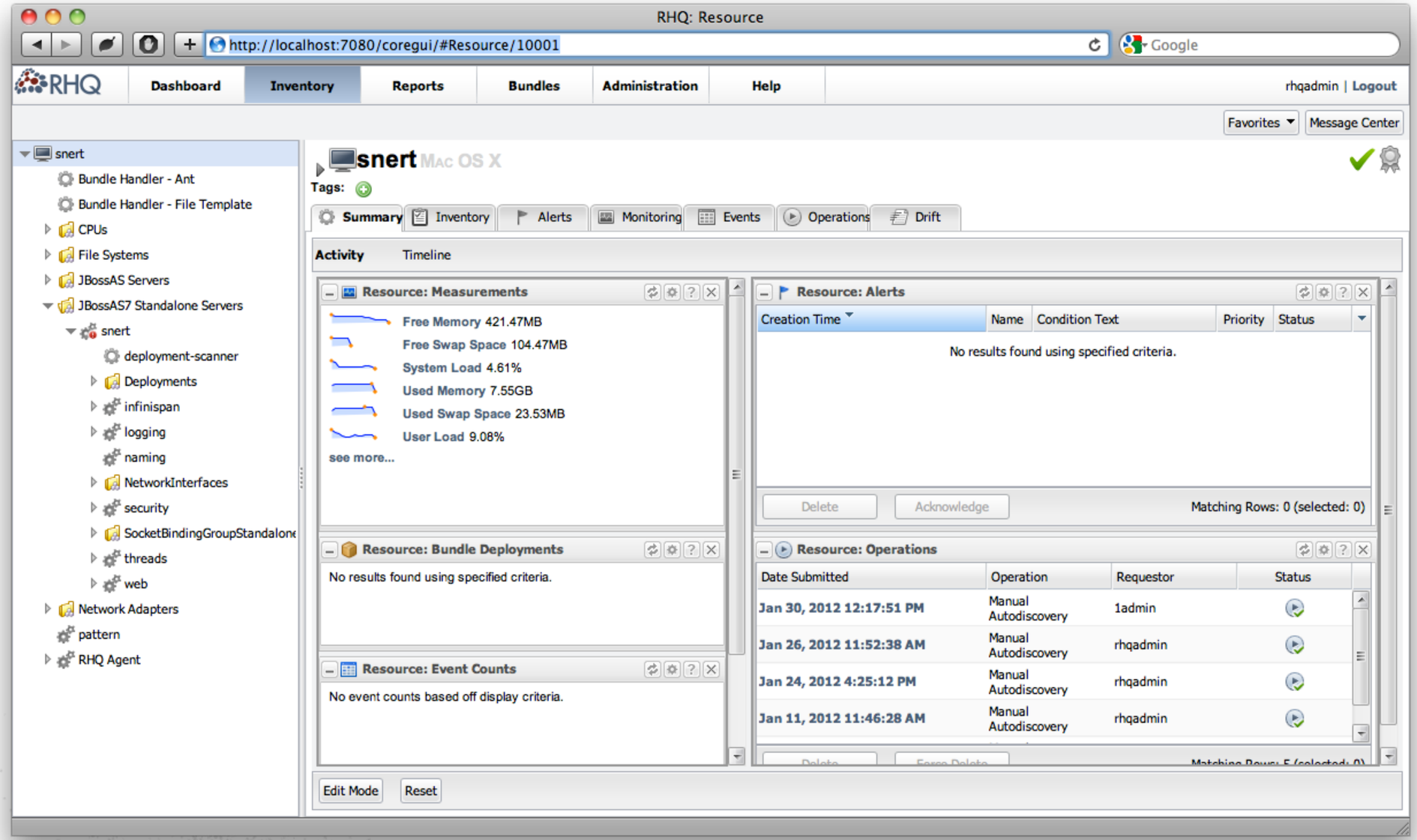


Overview (3)


RHQ: Resource
http://localhost:7080/coregui/#Resource/10001
Google
RHQ
Dashboard
Inventory
Reports
Bundles
Administration
Help
rhqadmin | Logout
Favorites
Message Center
snert
Bundle Handler - Ant
Bundle Handler - File Template
CPUs
File Systems
JBossAS Servers
JBossAS7 Standalone Servers
snert
deployment-scanner
Deployments
infinispan
logging
naming
NetworkInterfaces
security
SocketBindingGroupStandalone
threads
web
Network Adapters
pattern
RHQ Agent
snert Mac OS X
Tags:
Summary
Inventory
Alerts
Monitoring
Events
Operations
Drift
Activity
Timeline
Resource: Measurements
Free Memory 421.47MB
Free Swap Space 104.47MB
System Load 4.61%
Used Memory 7.55GB
Used Swap Space 23.53MB
User Load 9.08%
see more...
Resource: Bundle Deployments
No results found using specified criteria.
Resource: Event Counts
No event counts based off display criteria.
Resource: Alerts
Creation Time
Name
Condition Text
Priority
Status
No results found using specified criteria.
Delete
Acknowledge
Matching Rows: 0 (selected: 0)
Resource: Operations
Date Submitted
Operation
Requestor
Status
Jan 30, 2012 12:17:51 PM
Manual Autodiscovery
1admin
Jan 26, 2012 11:52:38 AM
Manual Autodiscovery
rhqadmin
Jan 24, 2012 4:25:12 PM
Manual Autodiscovery
rhqadmin
Jan 11, 2012 11:46:28 AM
Manual Autodiscovery
rhqadmin
Edit Mode
Reset

Overview (4)

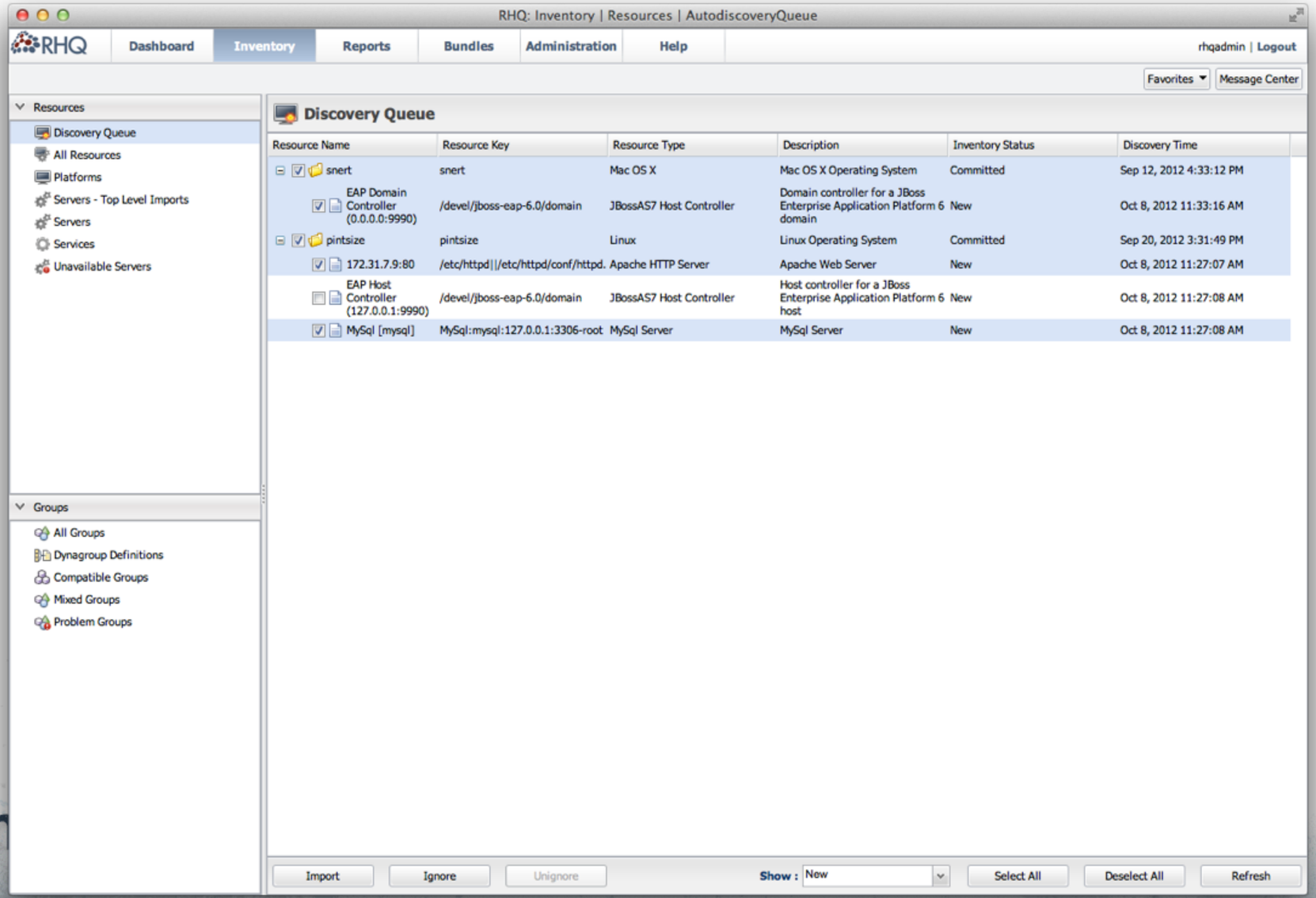
- RHQ 4.9 - September 11th, 2013
- JBoss Operations Network 3.2.0 - Dec 2013

Demo

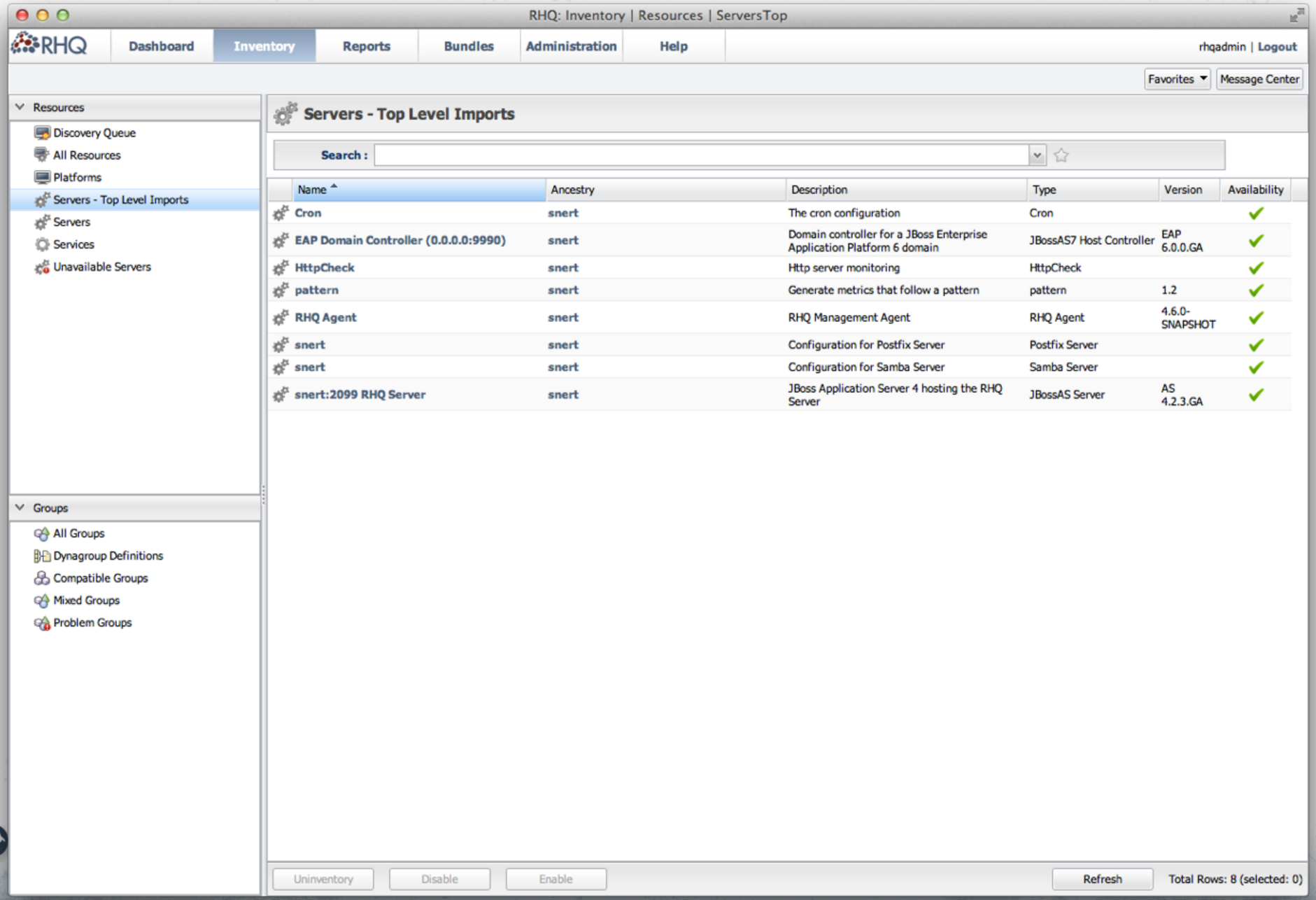
- <Demo>

Discovery Queue

- Freshly found servers and platforms show up here



Overview Server Resources



JBoss Co

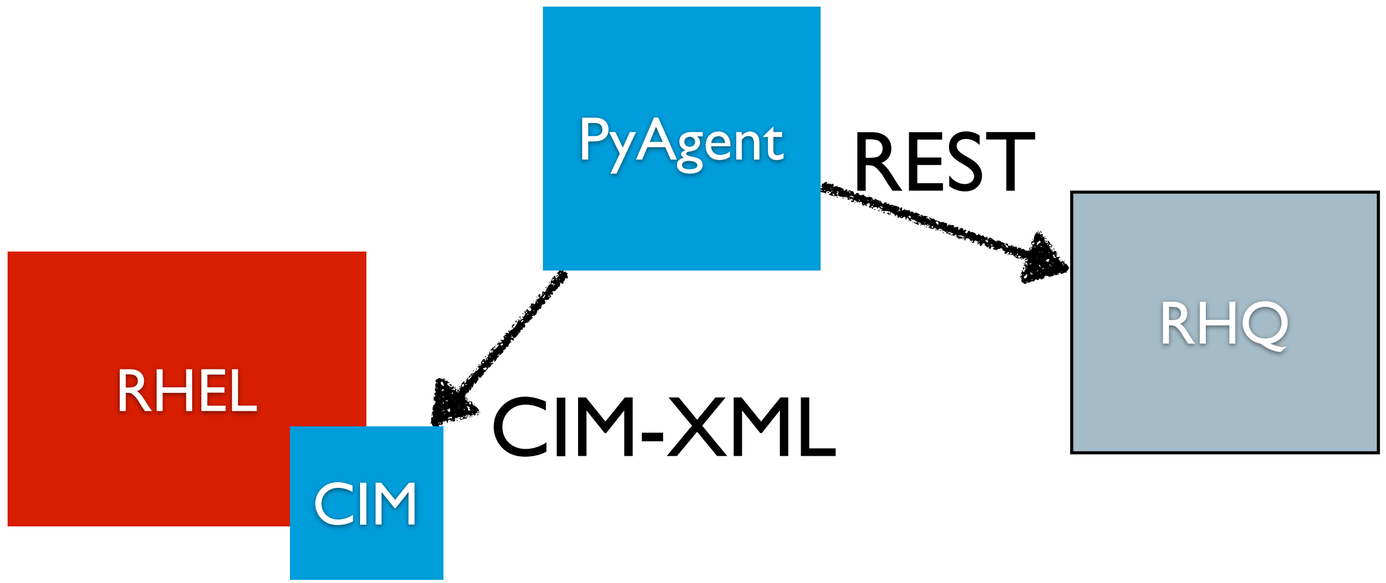
RHQ

RHQ and REST

- REST API since RHQ 4.2
  - Push and Pull
  - Retrieval of metrics
  - Push of metrics
- Allows for agent-less operation

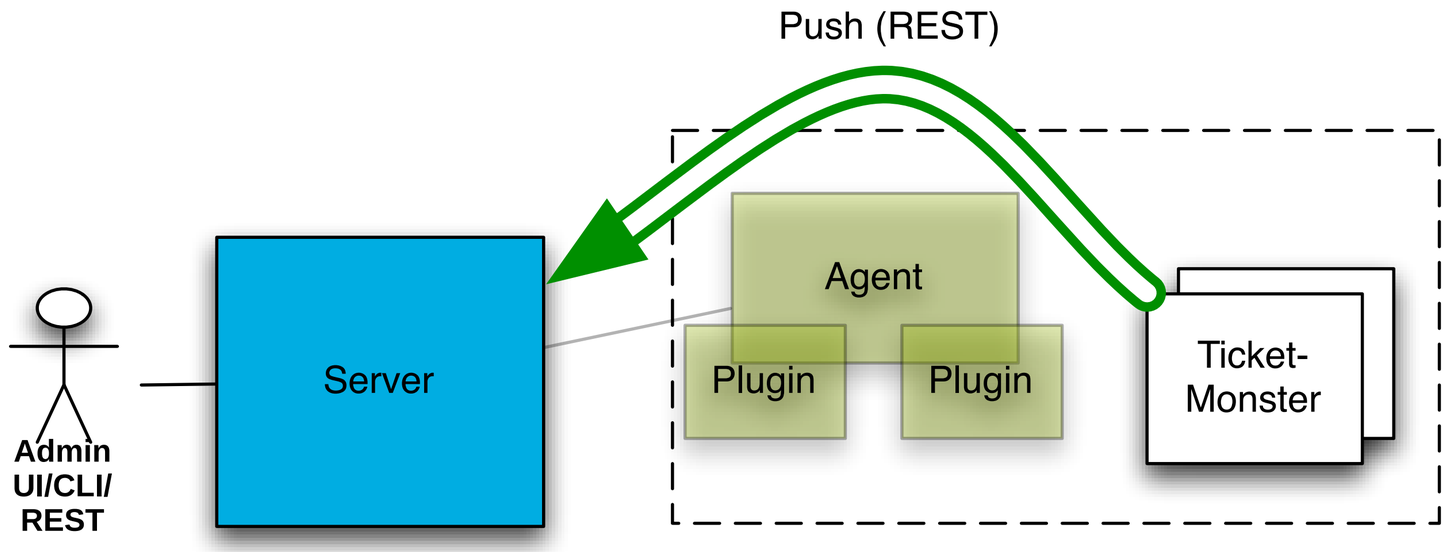
RHQ and CIM

- Work of a GSoC student



Application Push

- „Monitoring the Monster“



http://pilhuhn.blogspot.de/2013/01/monitoring-monster.html

Future development

- Currently RHQ 4.10
  - Performance improvements
    - Speed
    - Memory footprint
  - AS7/EAP6/WildFly improvements