Developing the right solution for the right application

Supporting Volvo’s journey to the cloud
Trucks, not Cars. (And IT).

- Volvo IT
  - 60% of our business is Volvo Group (Volvo, Mack, Renault Trucks)
  - 40% external (Government, Retail, etc)
  - >$500M value internal and external
- 4000 applications
- Of the Unix based, 85% on RHEL
Cloud in a large corporation

- The hard thing isn't getting what you want, it's knowing what you want
  - Isolation
  - Automation

There is no Cloud, just other people's computers

fsfe.org
Greenfield
(but can you draw it with a brown pen?)
Application is king

- Multi track approach to development strategy
  - Java
  - .net
  - Mainframe
Cloudforms, our brown pen

RED HAT®
CLOUDFORMS

=
Java track
Paving the way for the king

- IaaS
  - RHEV
  - VMWare
  - z/VM
- "Cloud"
  - Amazon
  - OpenStack
- PaaS
  - Openshift
  - Docker
The brown lines
Keeping the bottom line black

- Retaining managed structure
  - How do we make it more than “just other peoples computers”
  - What drives our cost
    - Integration
    - Custom code
    - Maintenance
- Leverage tools – best of breed
- Leverage community
Tools

Jenkins
Netapp
Packer
Algosec
IPA
BMC
SAP
F5
Git
OpenStack
Kubernetes
MQ
Nexus
Custom
EMC
Active Directory
Bluecat
Technology vs People

- ”You not only have to be a good coder to create a system like linux, you have to be a sneaky bastard too.” – L. Torvalds