

Data Center Automation with YADT

Berlin | 23.05.2013 | Schlomo Schapiro
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IMMOBILIEN

SCOUT 24

- ➔ >2 billion PI per month
- ➔ 2 data center with ~1400 VM
- ➔ total of ~600 employees
 - ➔ ~30 crossfunctional IT teams
 - ➔ ~160 in IT
- ➔ 15 years in business
- ➔ part of Deutsche Telekom





YADT

an Augmented Deployment Tool

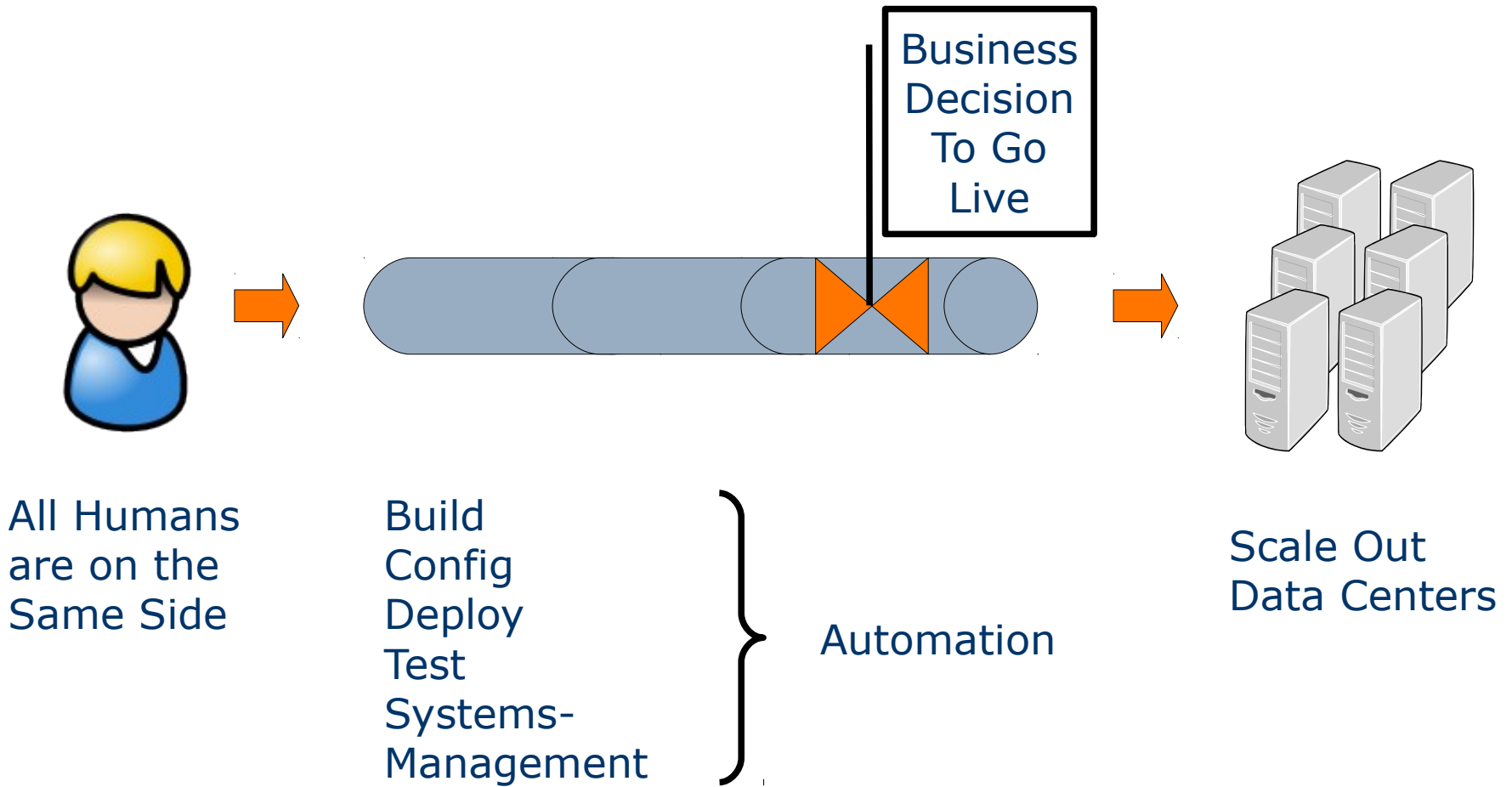
Systems Management with YADT



YADT

an Augmented Deployment Tool

The Big Picture – Continuous Delivery Platform

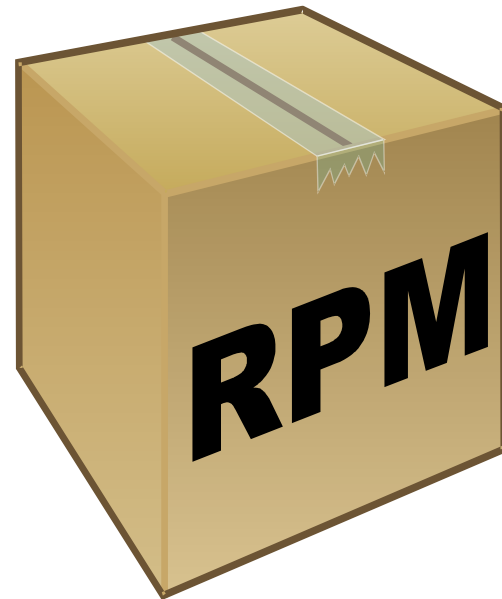


1st task: Reduce Systemic Complexity

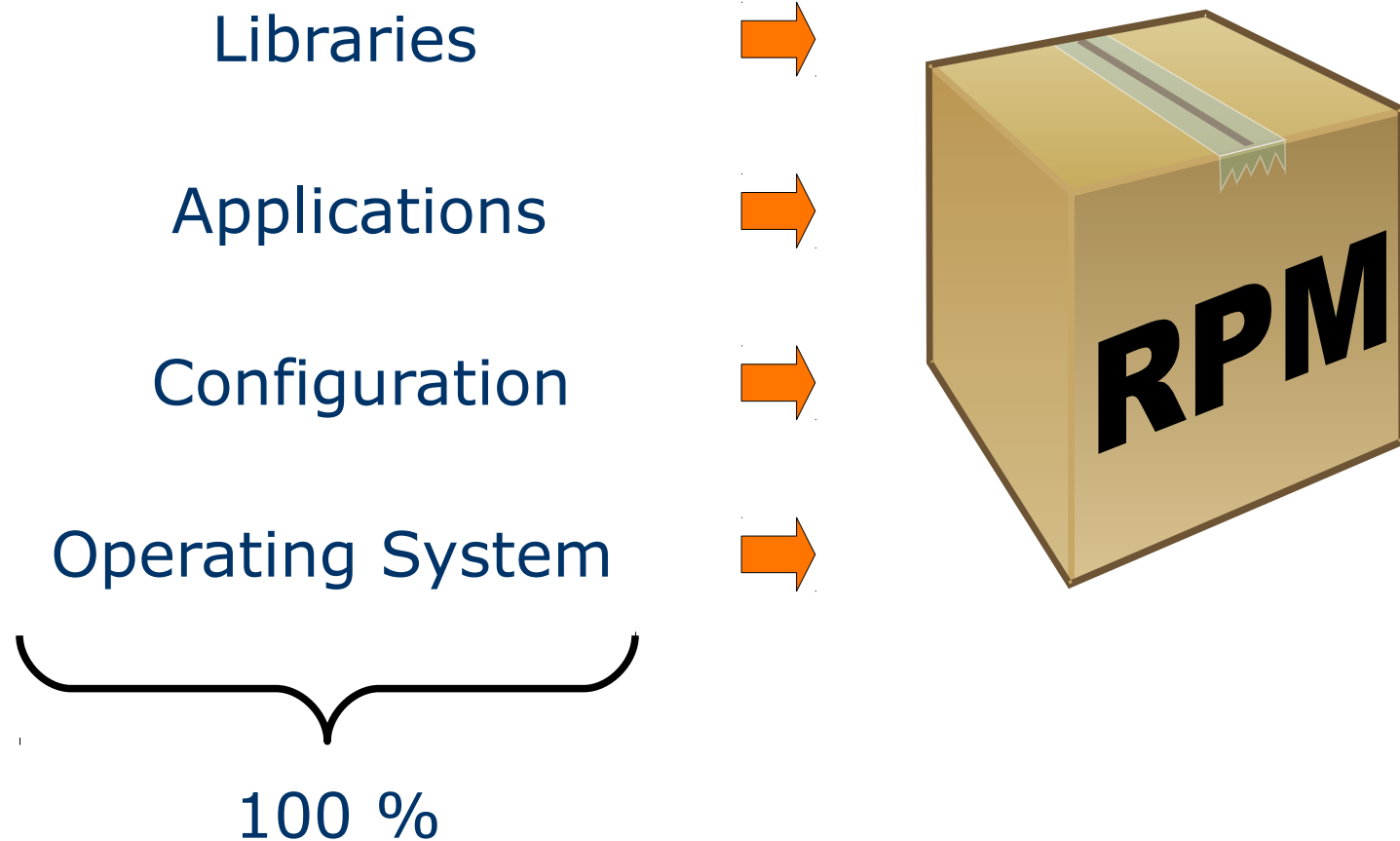
File Management

Systems Management

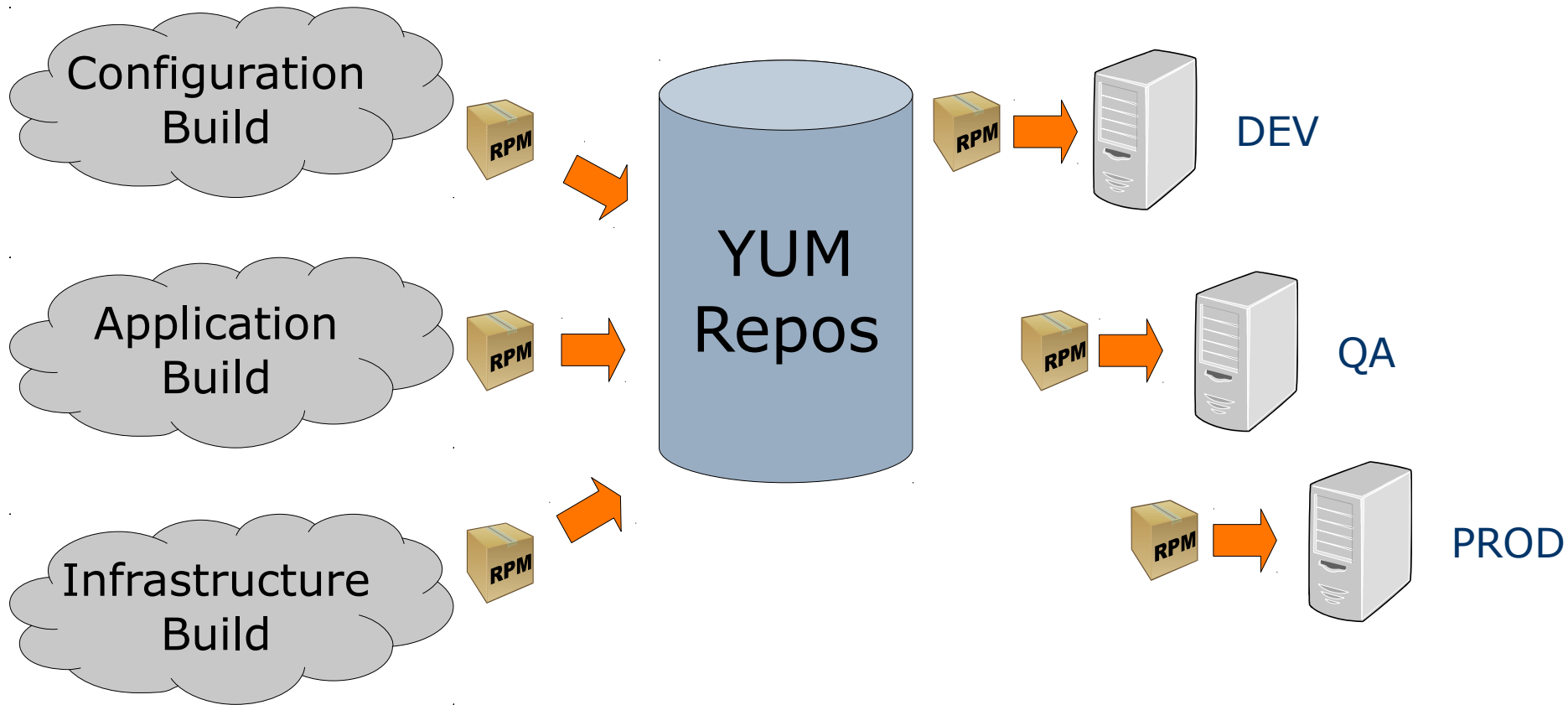
File Management with RPM & YUM



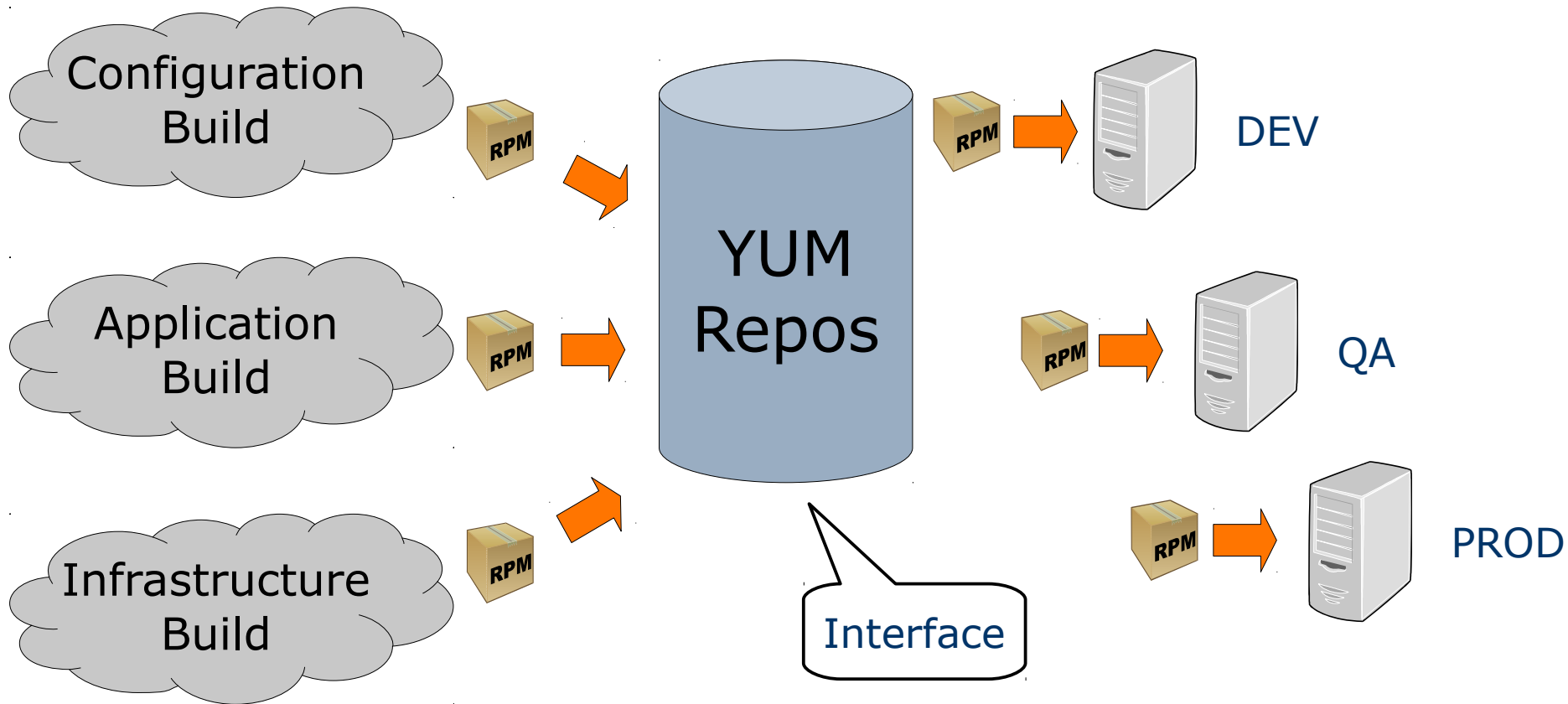
File Management with RPM & YUM



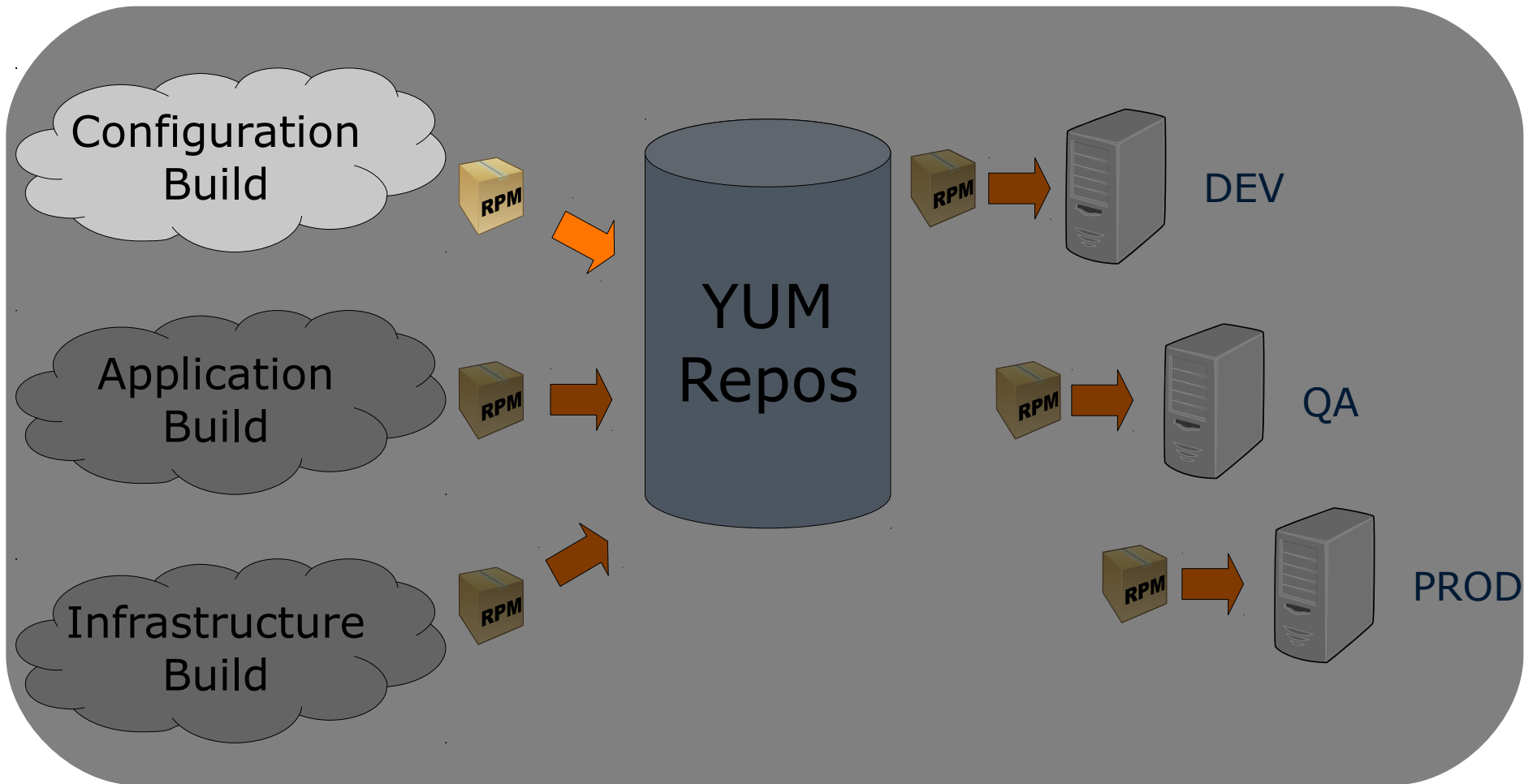
File Management with RPM & YUM



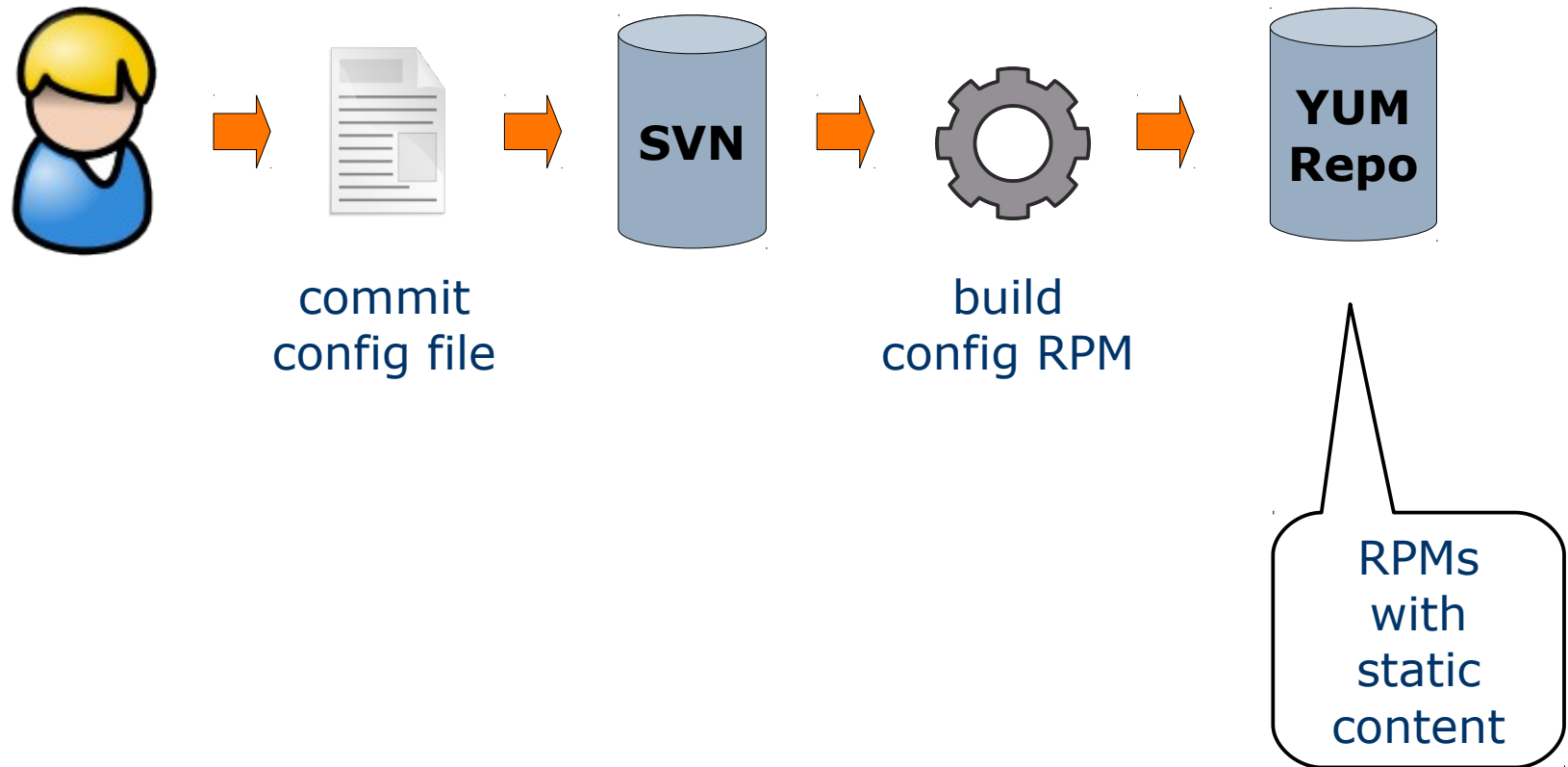
File Management with RPM & YUM



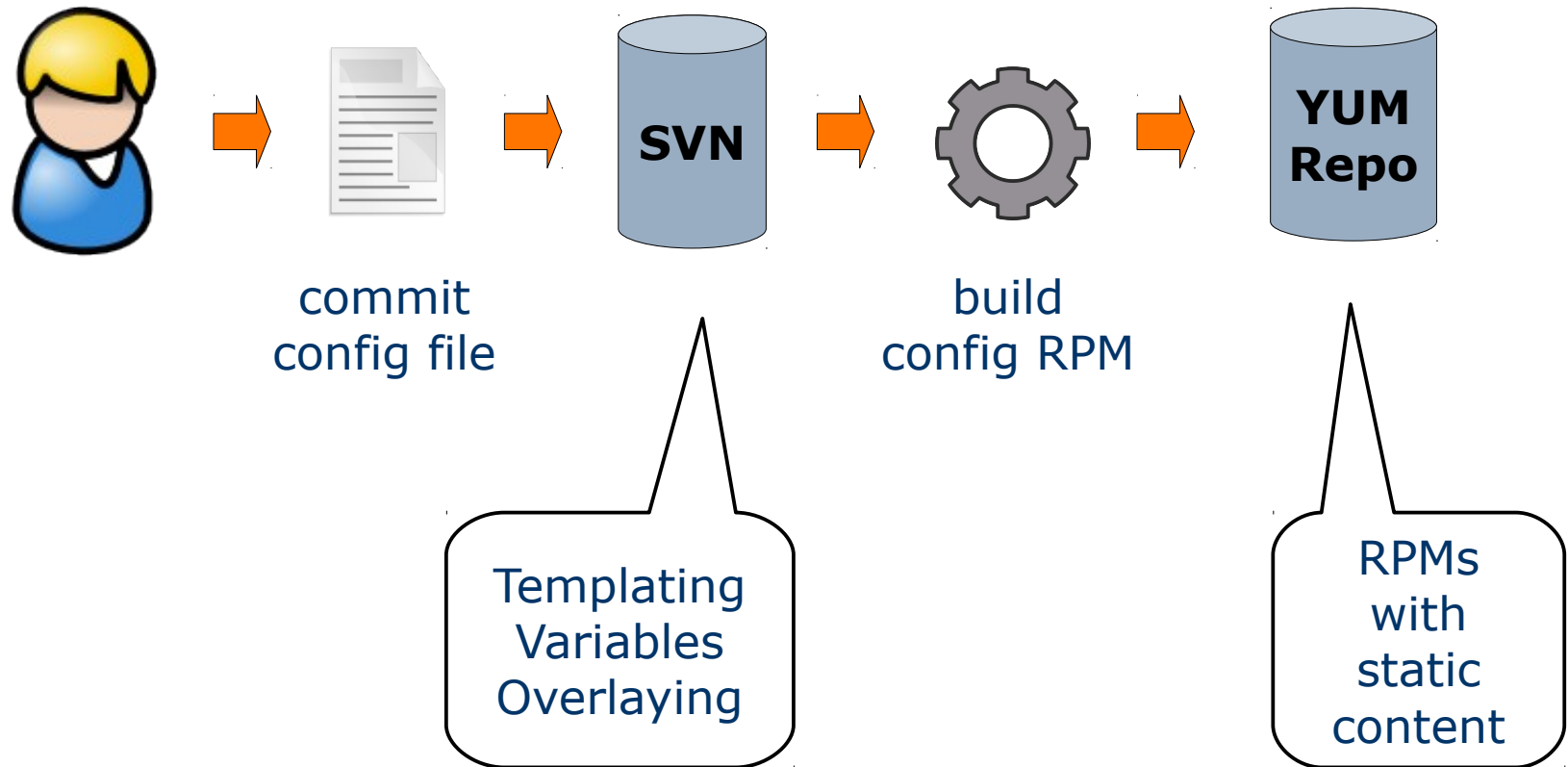
Configuration Build – Pre-built Config Content



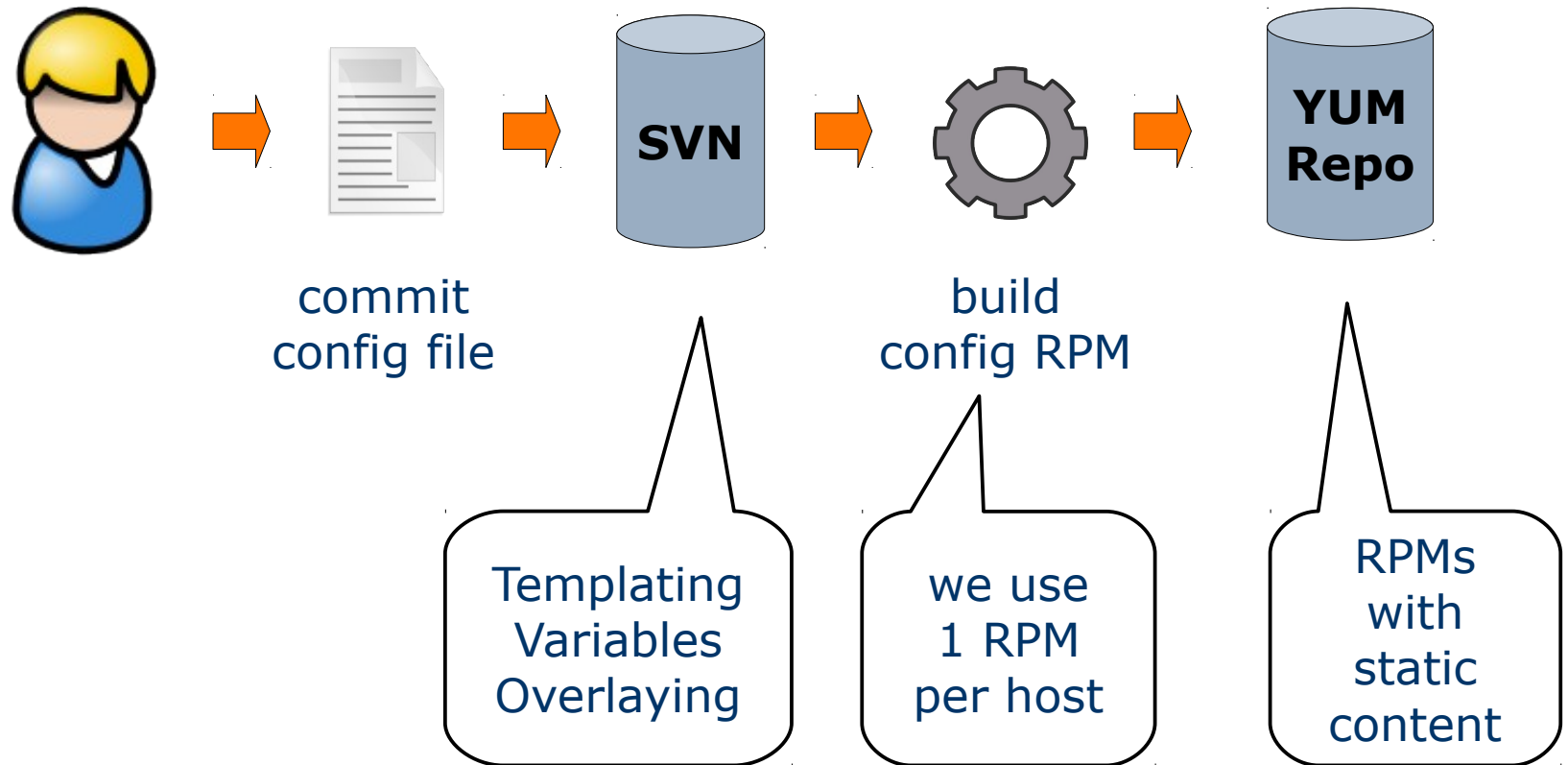
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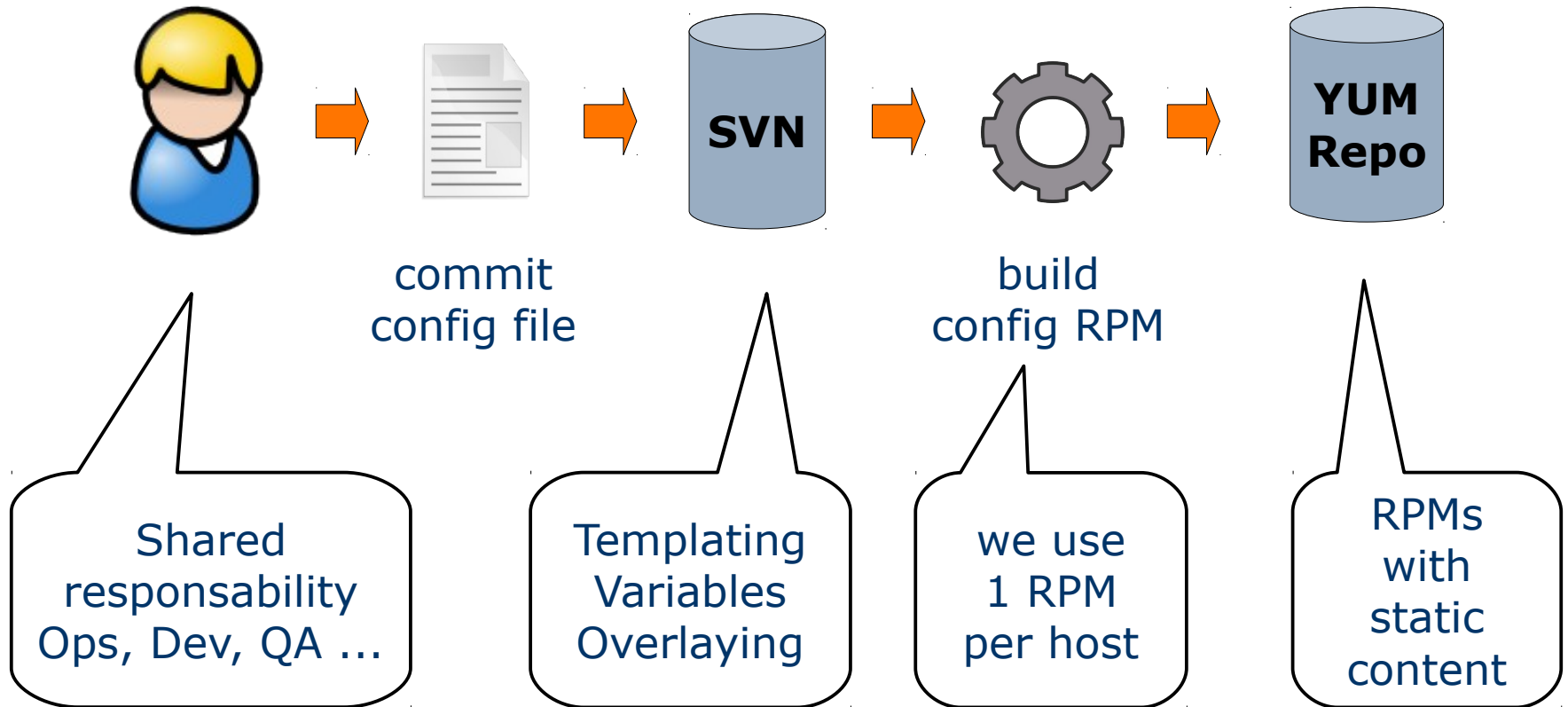
Configuration Build – Pre-built Config Content



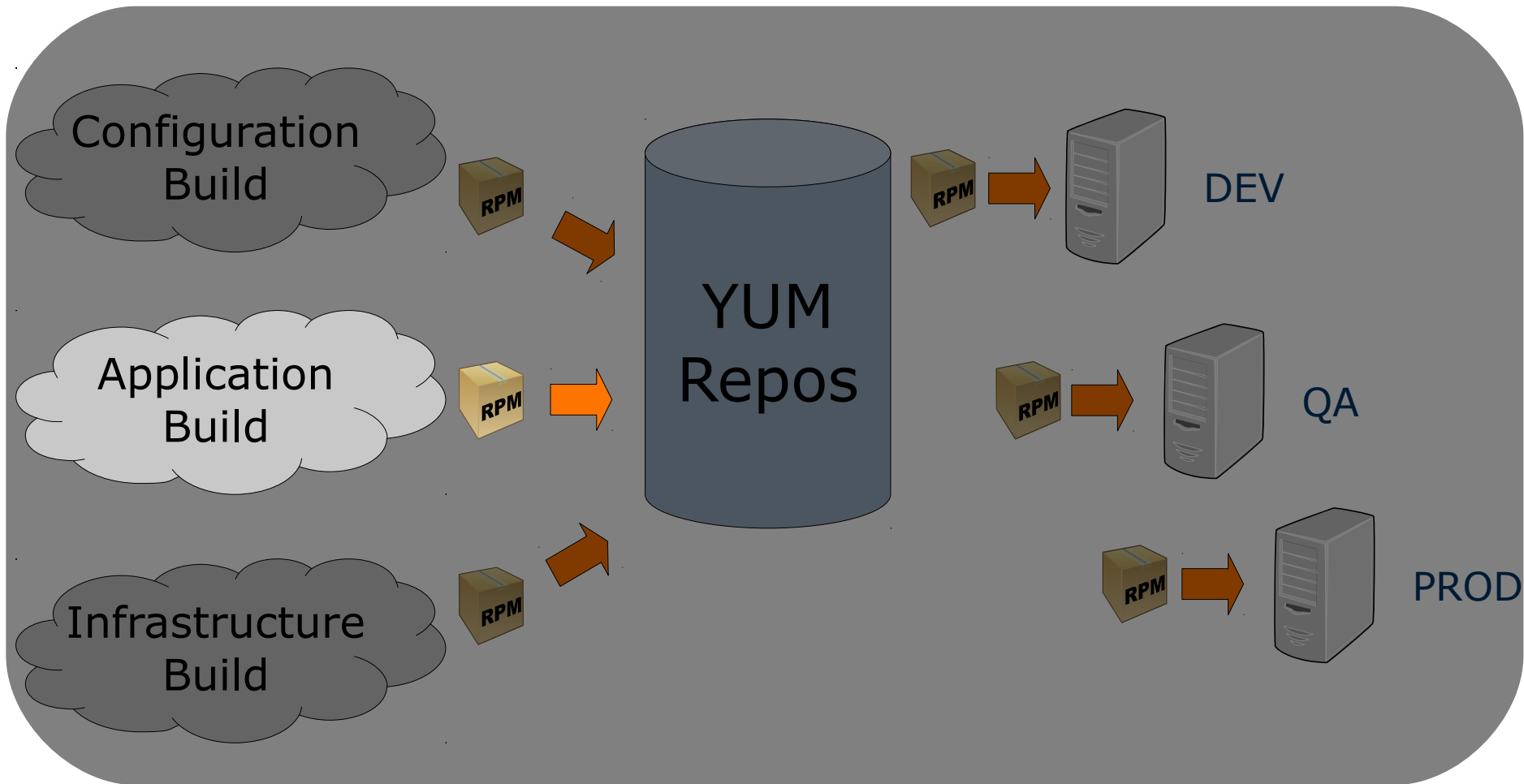
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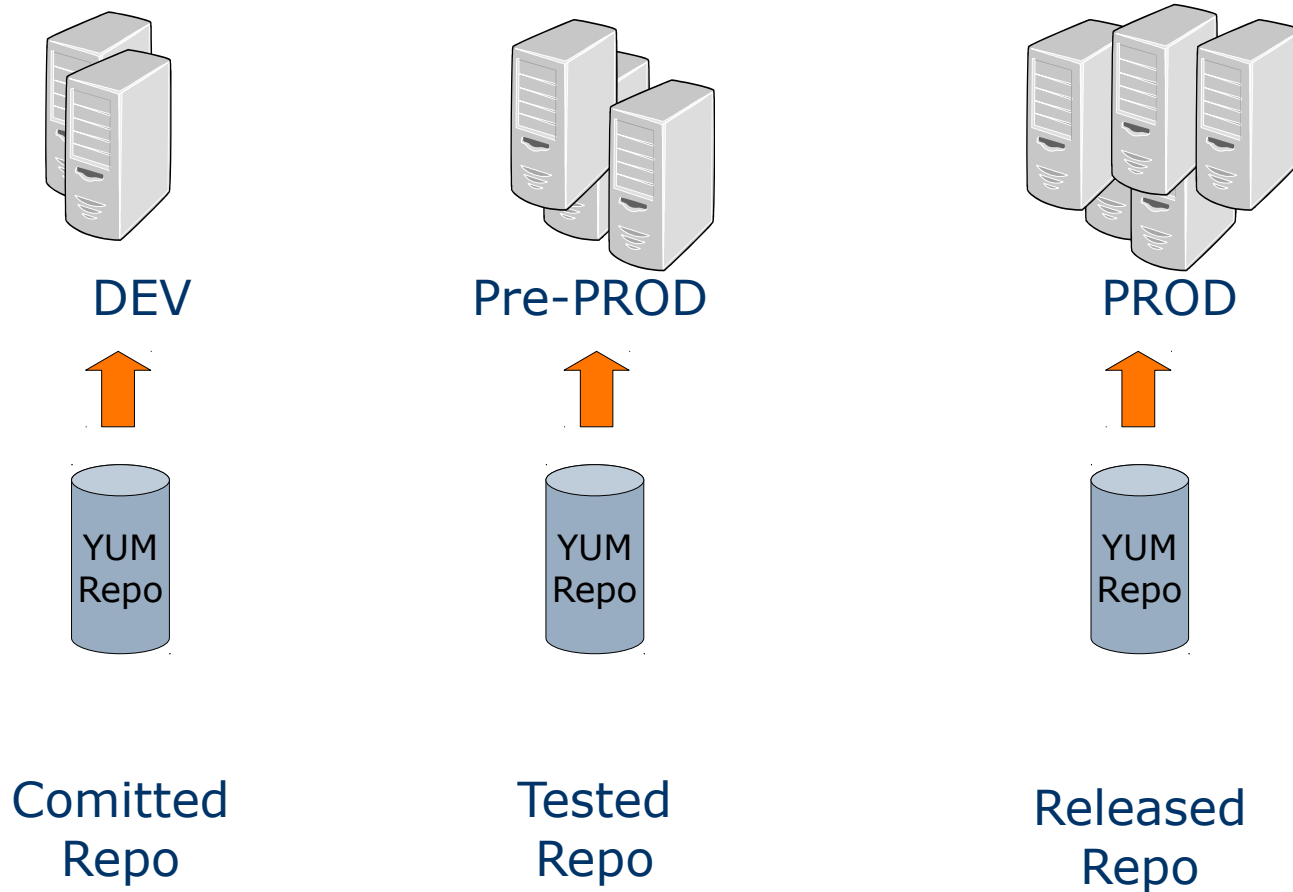
Configuration Build – Pre-built Config Content



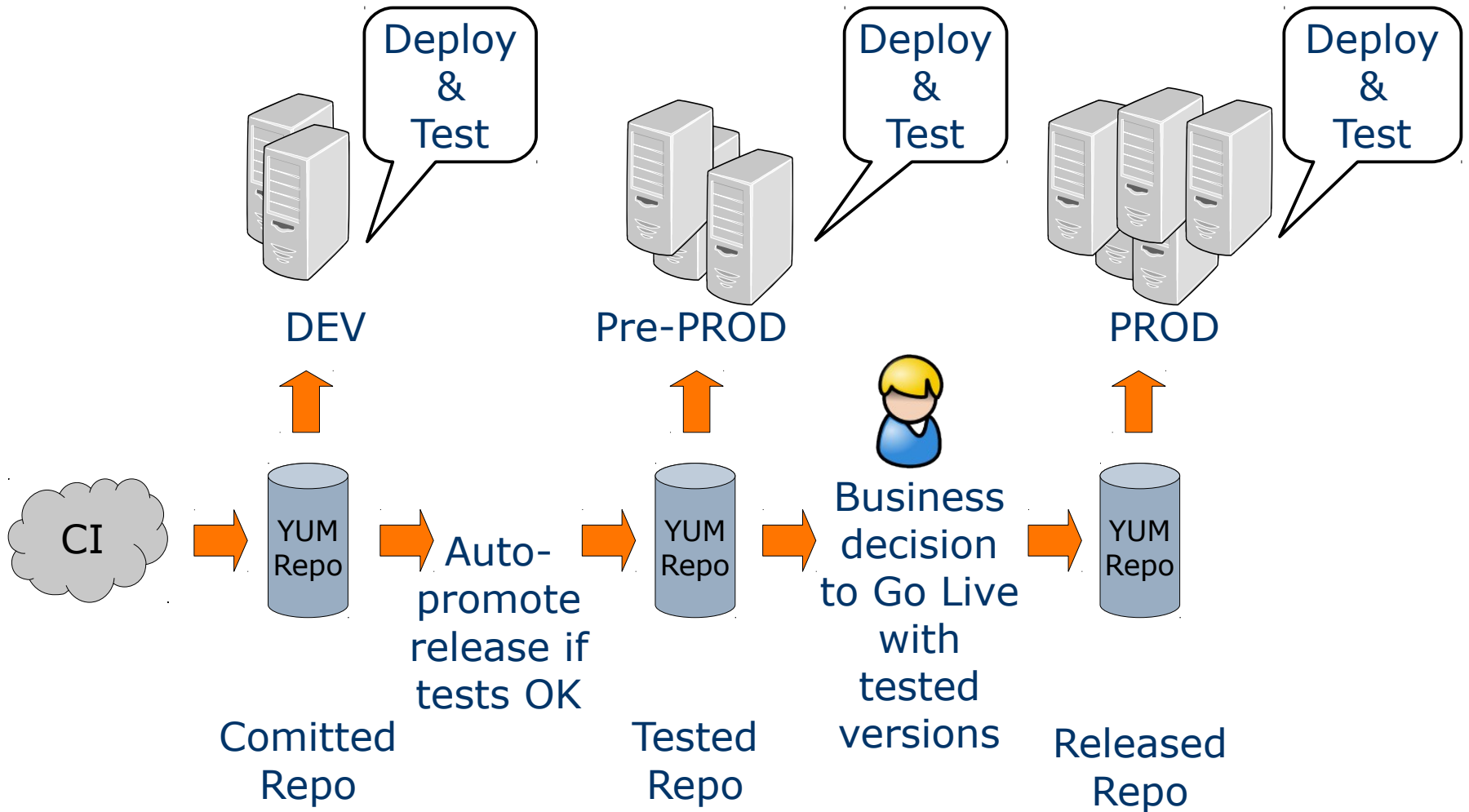
Application Build – Continuous Release Delivery



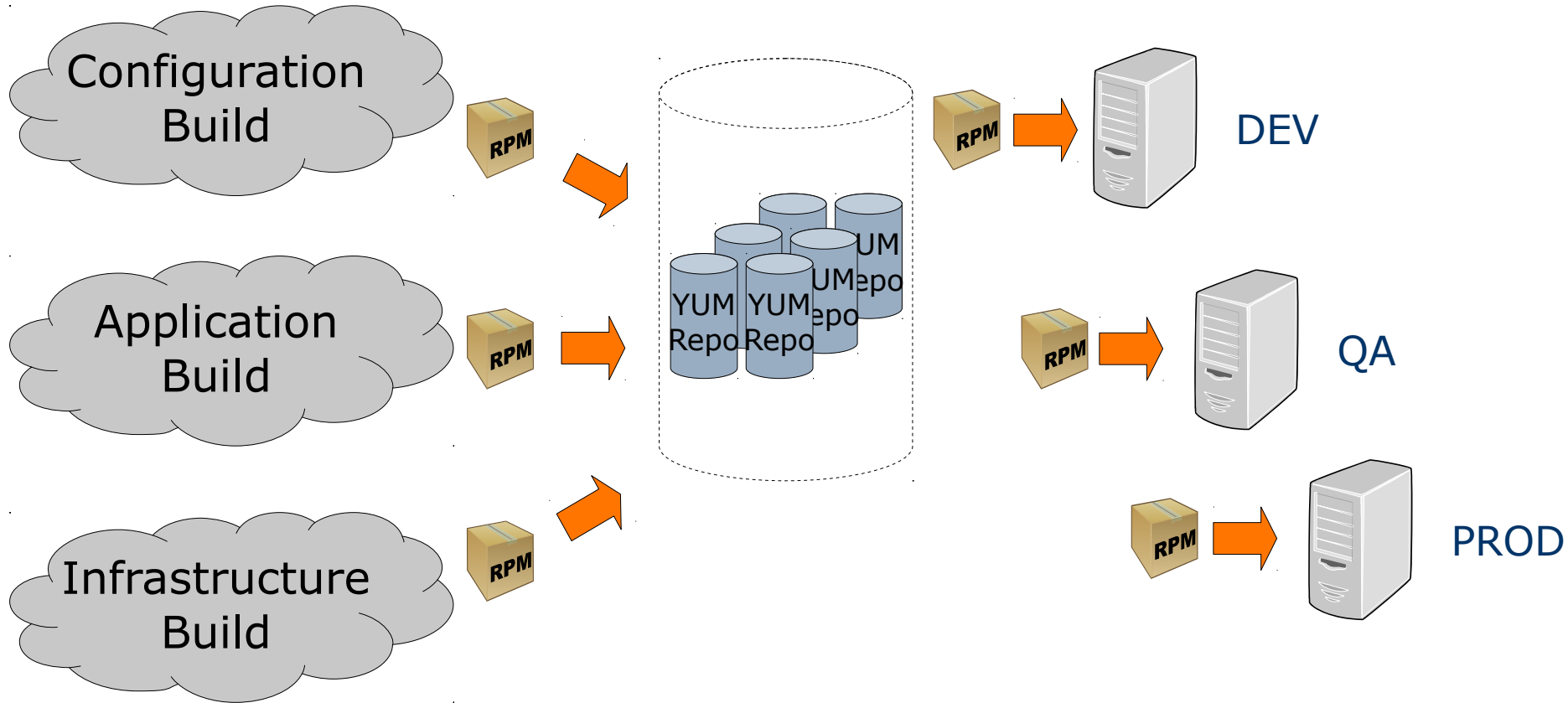
Application Build – Package Promotion Pipeline



Application Build – Package Promotion Pipeline



File Management through many YUM repositories



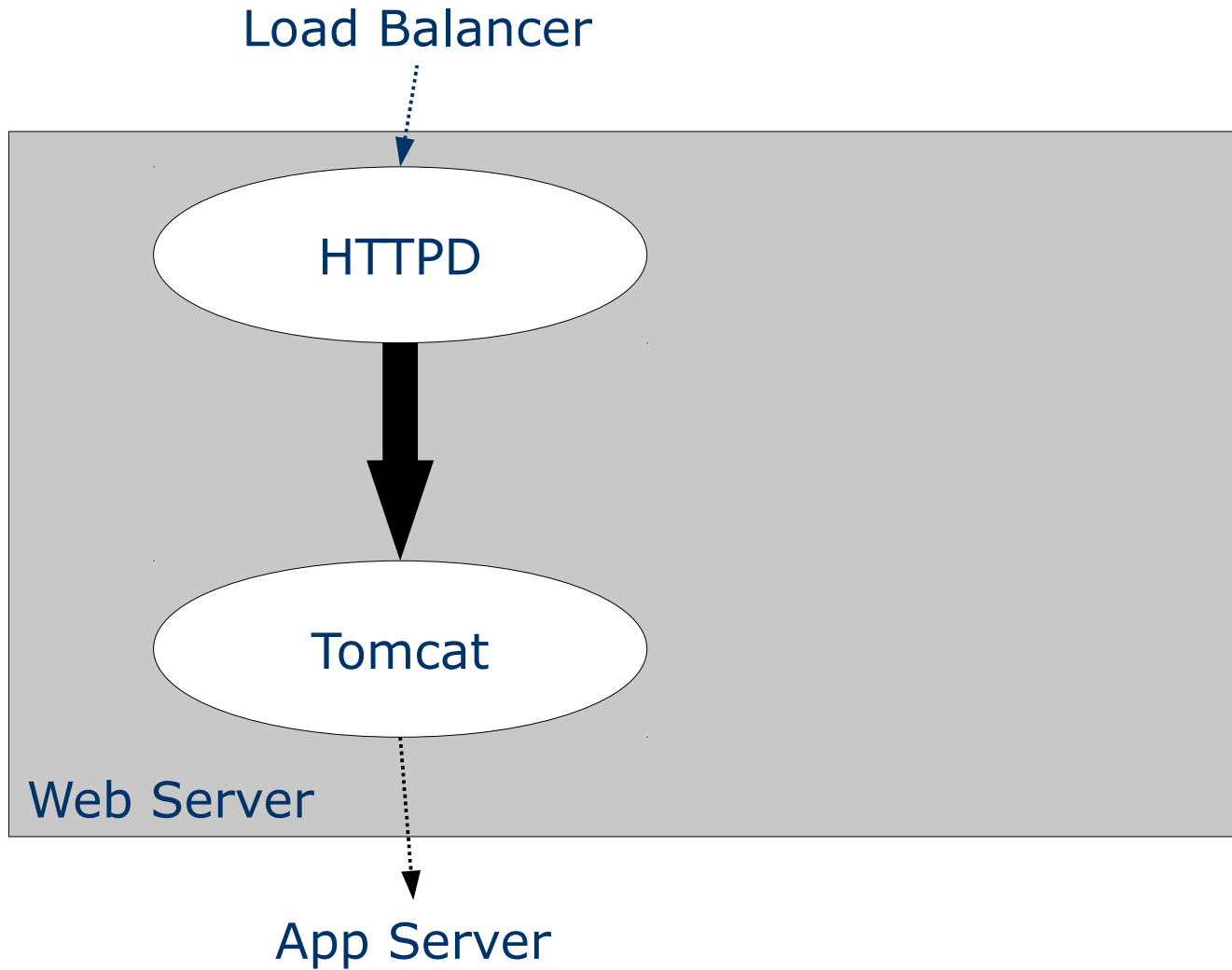
Systems Management with YADT



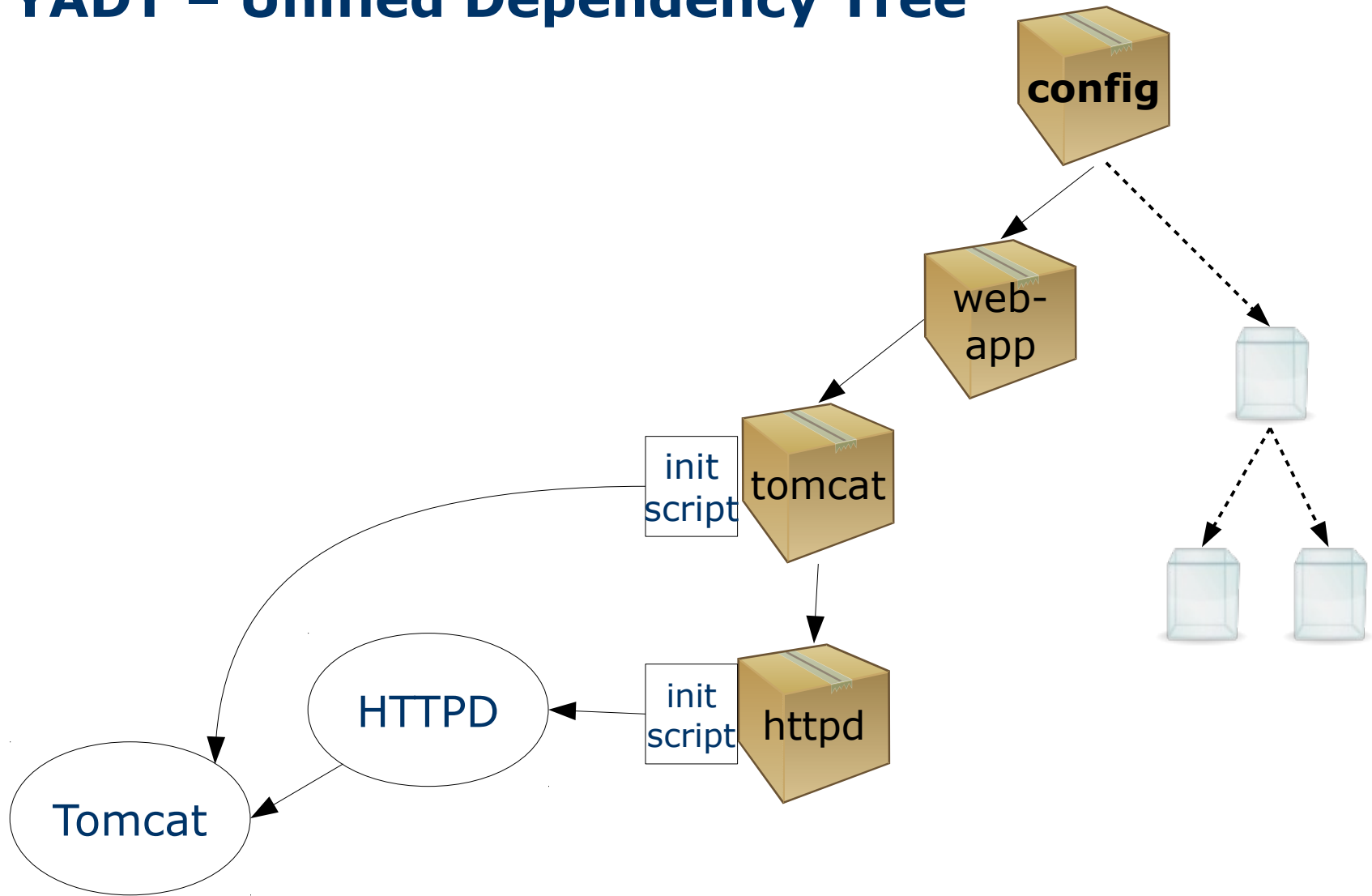
YADT

an Augmented Deployment Tool

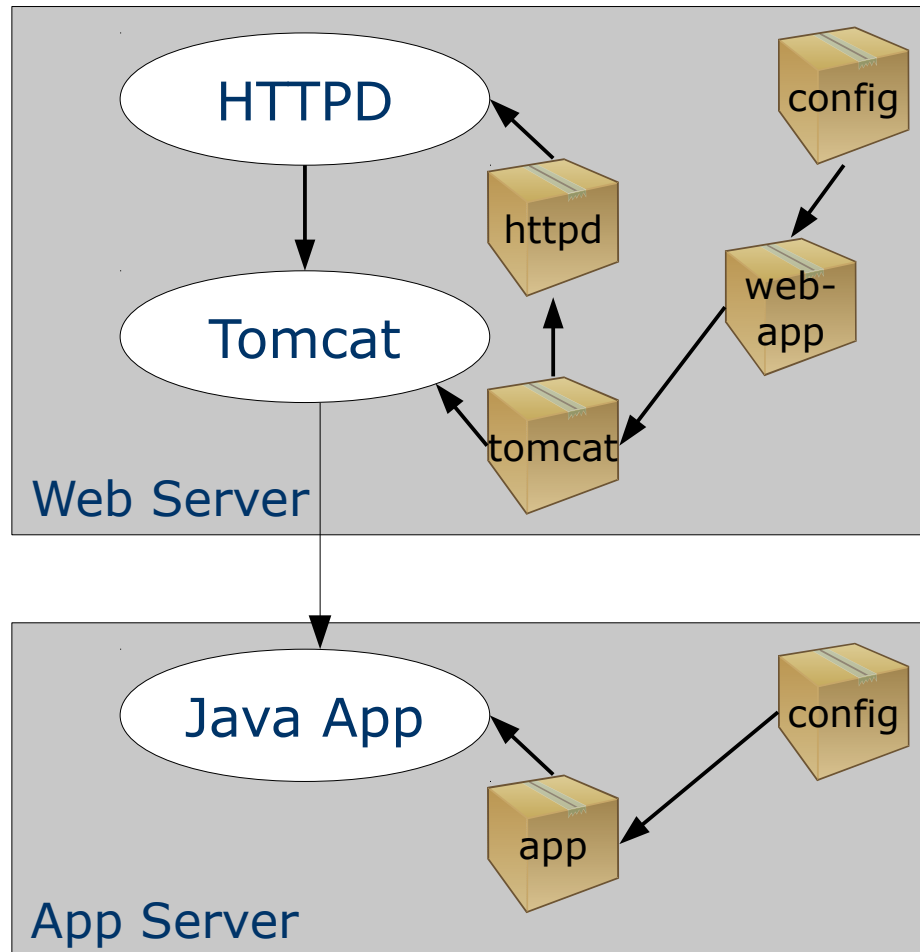
YADT – Unified Dependency Tree



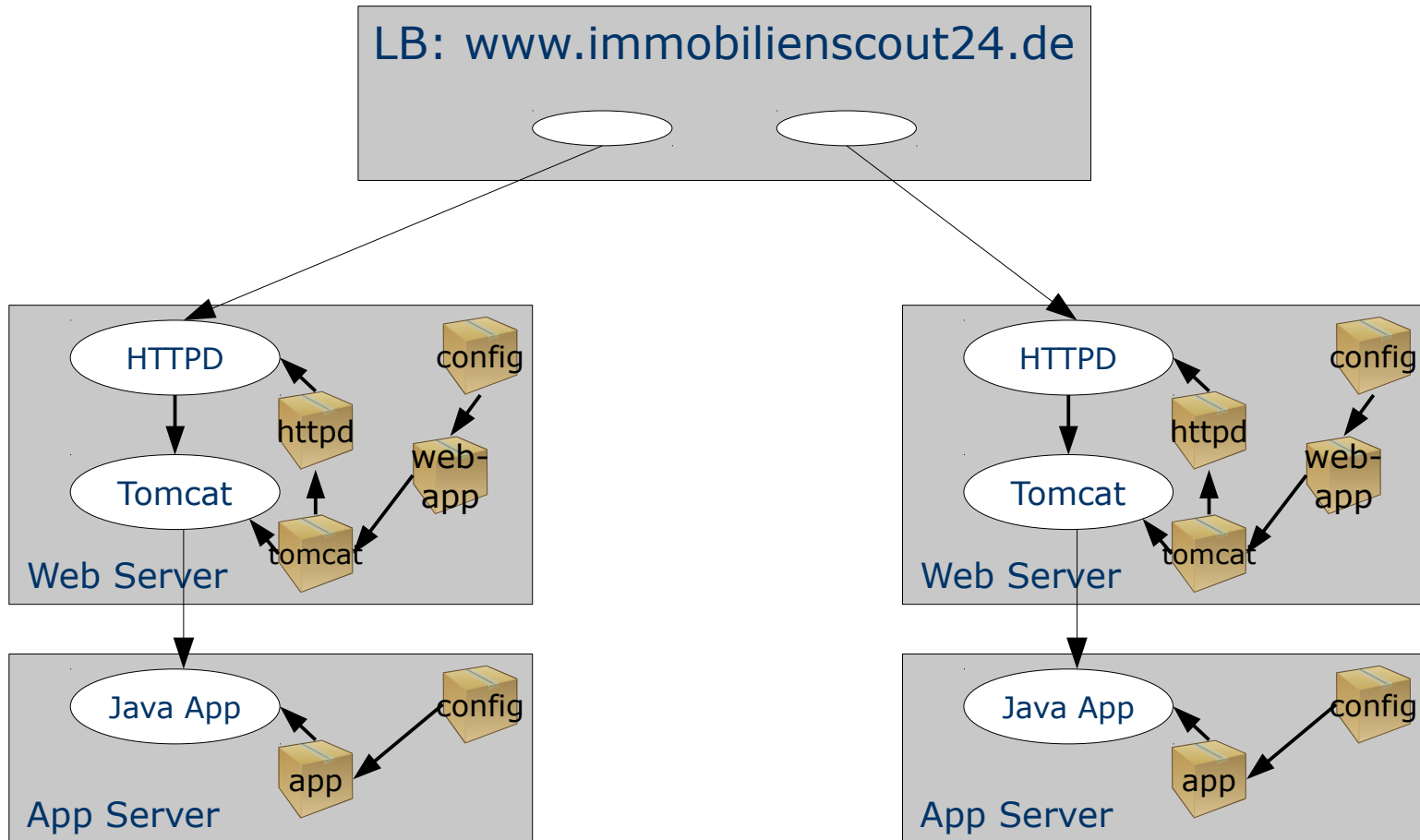
YADT – Unified Dependency Tree



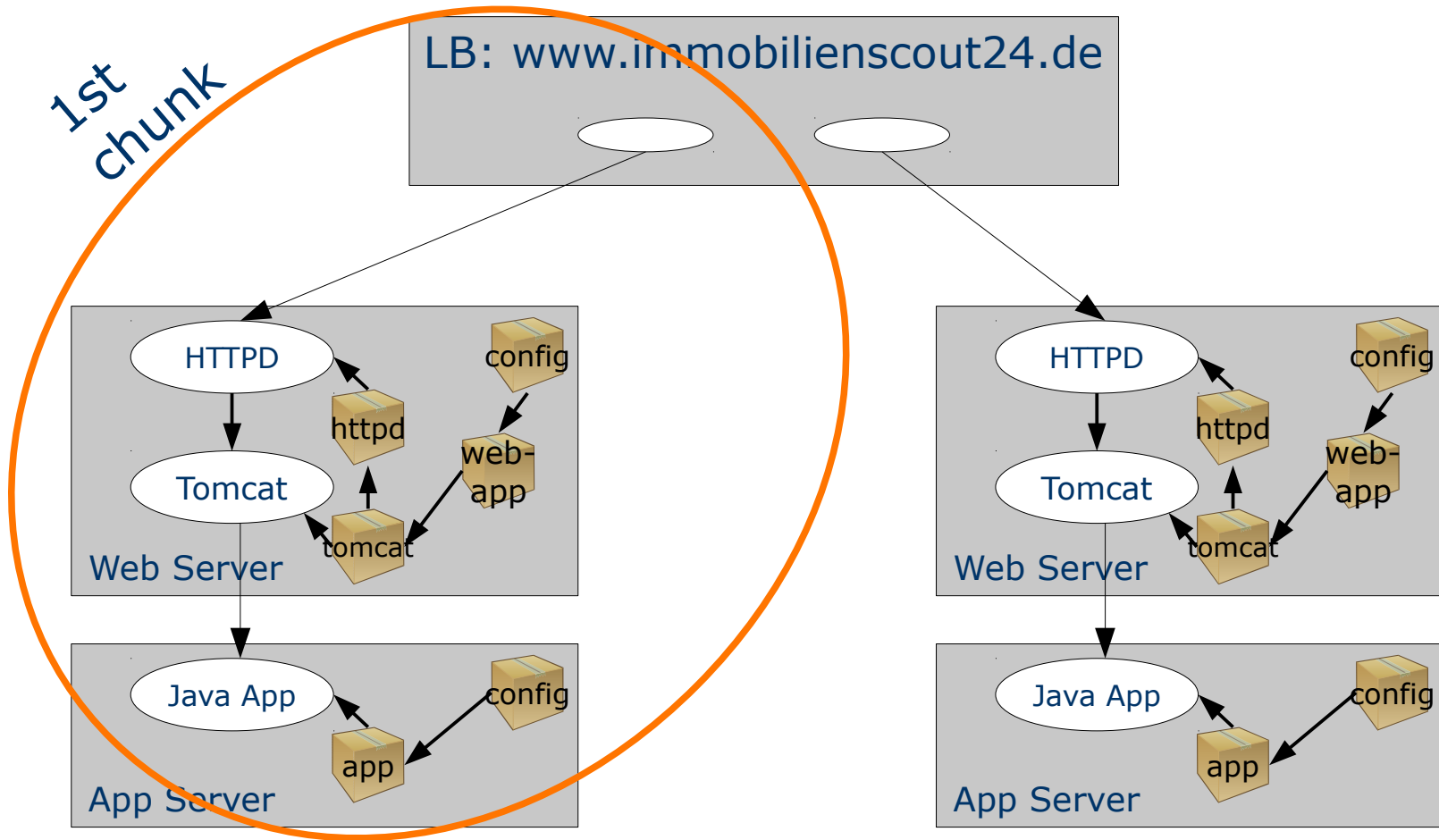
YADT – Large Scale System Management



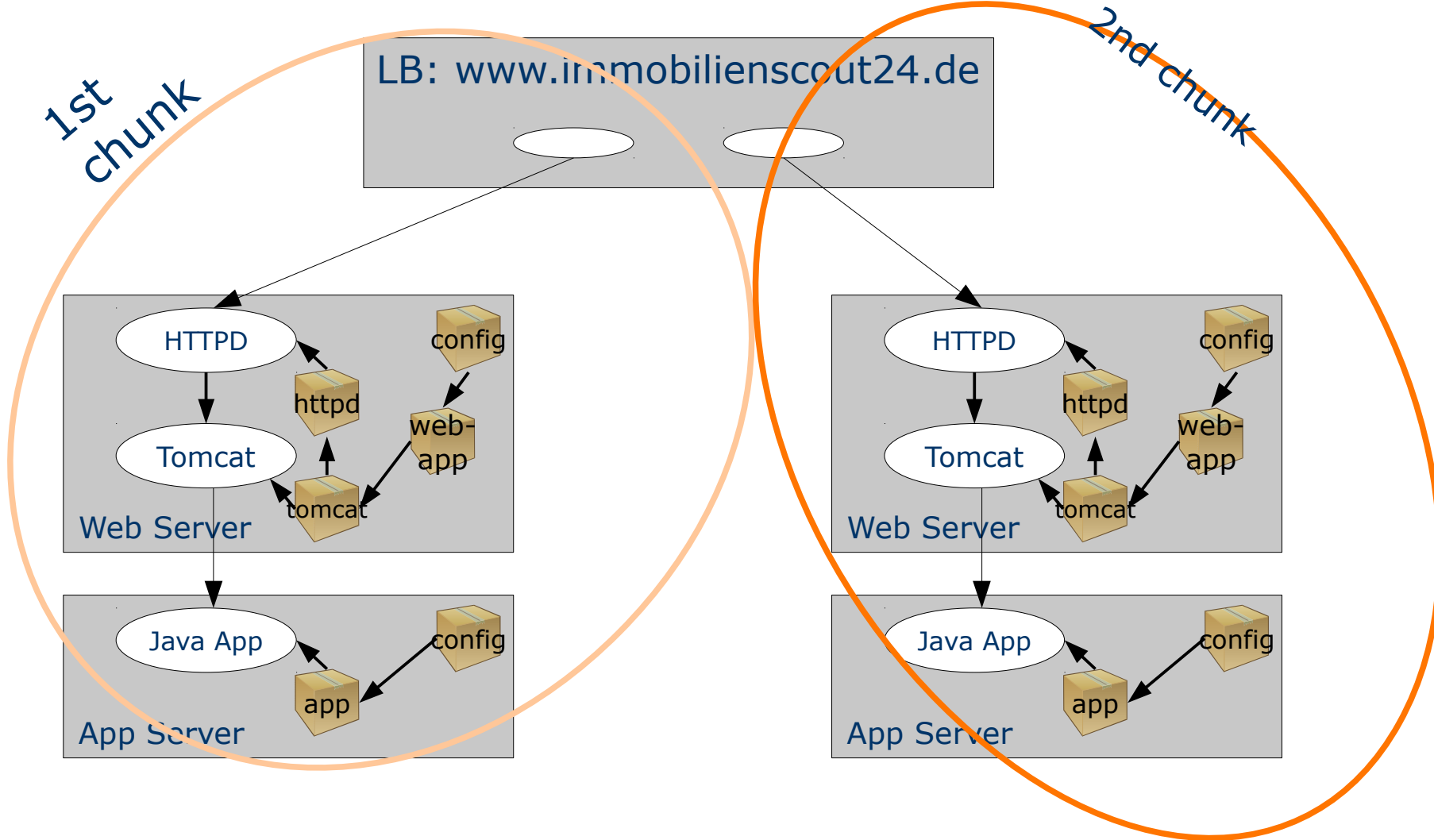
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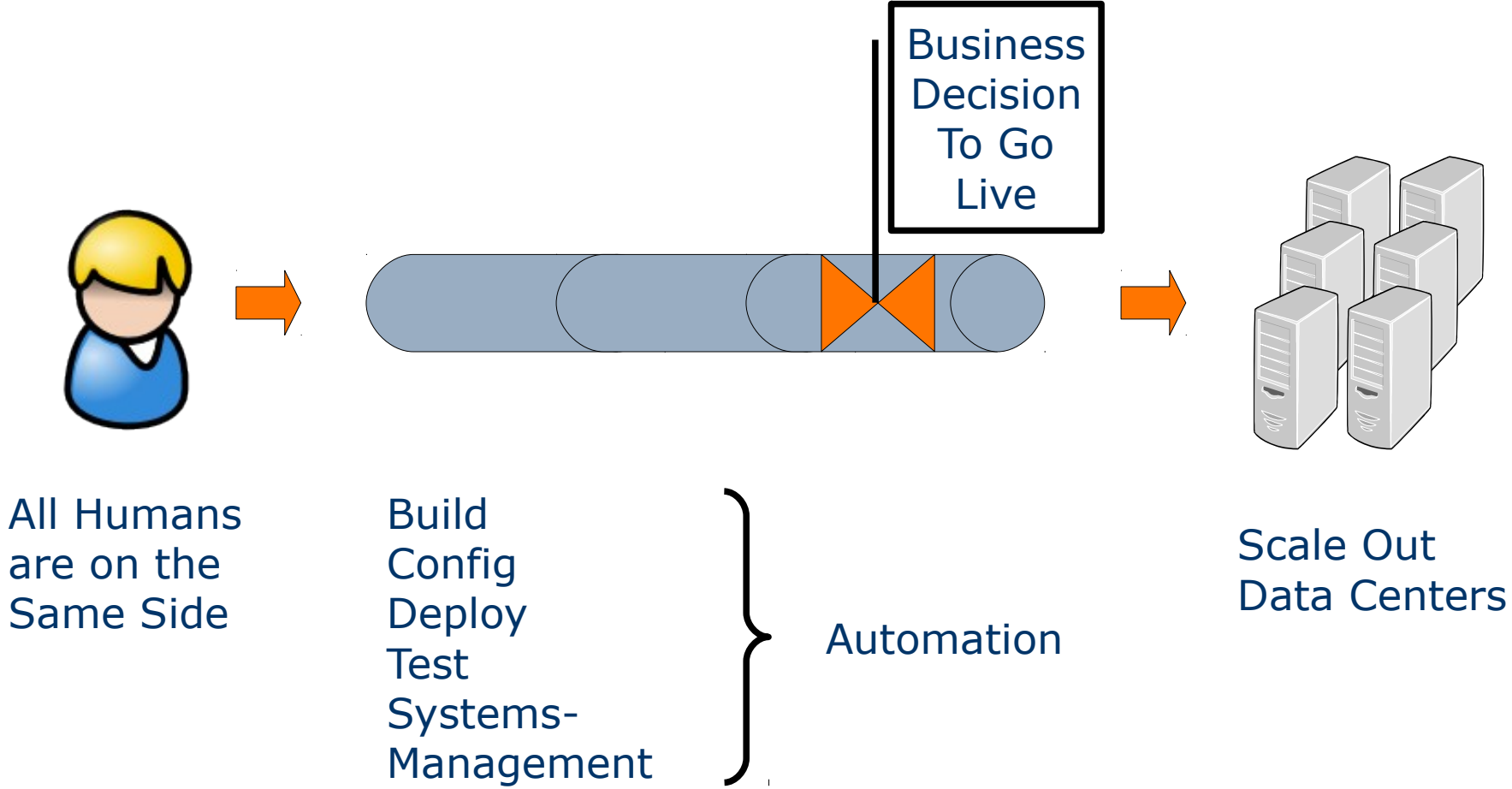


Systems Management with YADT

Reduce Systemic Complexity

Keep It Simple

Automation is our Continuous Delivery Platform



All Humans are on the Same Side

Build
Config
Deploy
Test
Systems-
Management

Automation

Scale Out
Data Centers

DevOps

We build it together
as one team.

We understand
it completely.

And it is fully automated.



YADT

an Augmented Deployment Tool

www.yadt-project.org



Stand 7.1C145



an Augmented Deployment Tool

yadt

✉ [yadt-
devel@googlegroups.com](mailto:yadt-devel@googlegroups.com)
🌐 <http://www.yadt-project.org>
🕒 Joined on Jul 05, 2012

23 public repos
11 members

📁 Repositories

👤 Members



aelgru
Michael Gruber



alosdev
Hasan Hosgel



arnehilmann



heroldus
Sebastian Herold



IngmarKrusch
Ingmar Krusch



locolupo
Marcel Wolf



mriehl
Maximilien Riehl



range
Ralph Angenendt



schlomo
Schlomo Schapiro



ujuettner



vondeetzen
Andre von Deetzen

go.schapiro.org/slides

Thank you very much!
Please contact me for further questions and discussions.



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