

An Automation journey

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From personal fun to enabling automation at companies

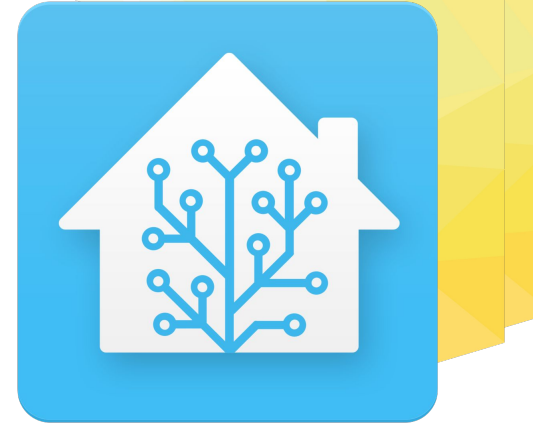


Robbert de Schepper



- ◇ Sales Advisor @ Kangaroot since 2019
- ◇ Open Source enthusiast
- ◇ History as a System Engineer
- ◇ Automation fan!

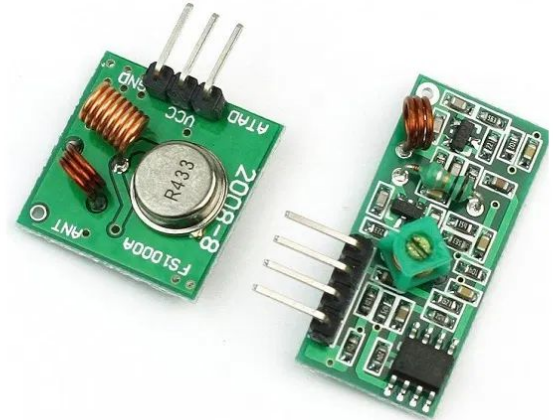


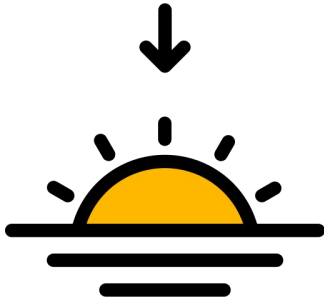
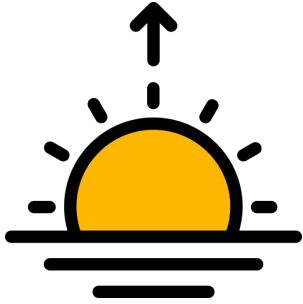




This is where it started...







This evolved

- Automated print jobs
- Automated billing
- Notifications
- Schedules



Lessons learned

- It's FUN!
- Takes away Human Error
- Consistency
- Takes away a repetitive task





Life as a SysAdmin/Engineer







&

The 70/30 Rule





- ◇ Over 40 internal and external customers
- ◇ Low # of FTE's
- ◇ 800+ Linux servers
- ◇ Lazy IT'er

⇒ *Need for automation*



AUTOMATE ALL THE THINGS!



Automate all the things!

- Adding / Deleting users
- Configuration changes
- Installation jobs (Apache, WAS, WordPress, ...)
- Incidents
- Patching
- Security/ISO checks
- Become a puppet master!



Lessons learned

- Automation can help to remove repetitive tasks
- Automation can free up time for self and internal development
- You can do more with the same amount of people
- It makes things more secure
- It enables to standardize things



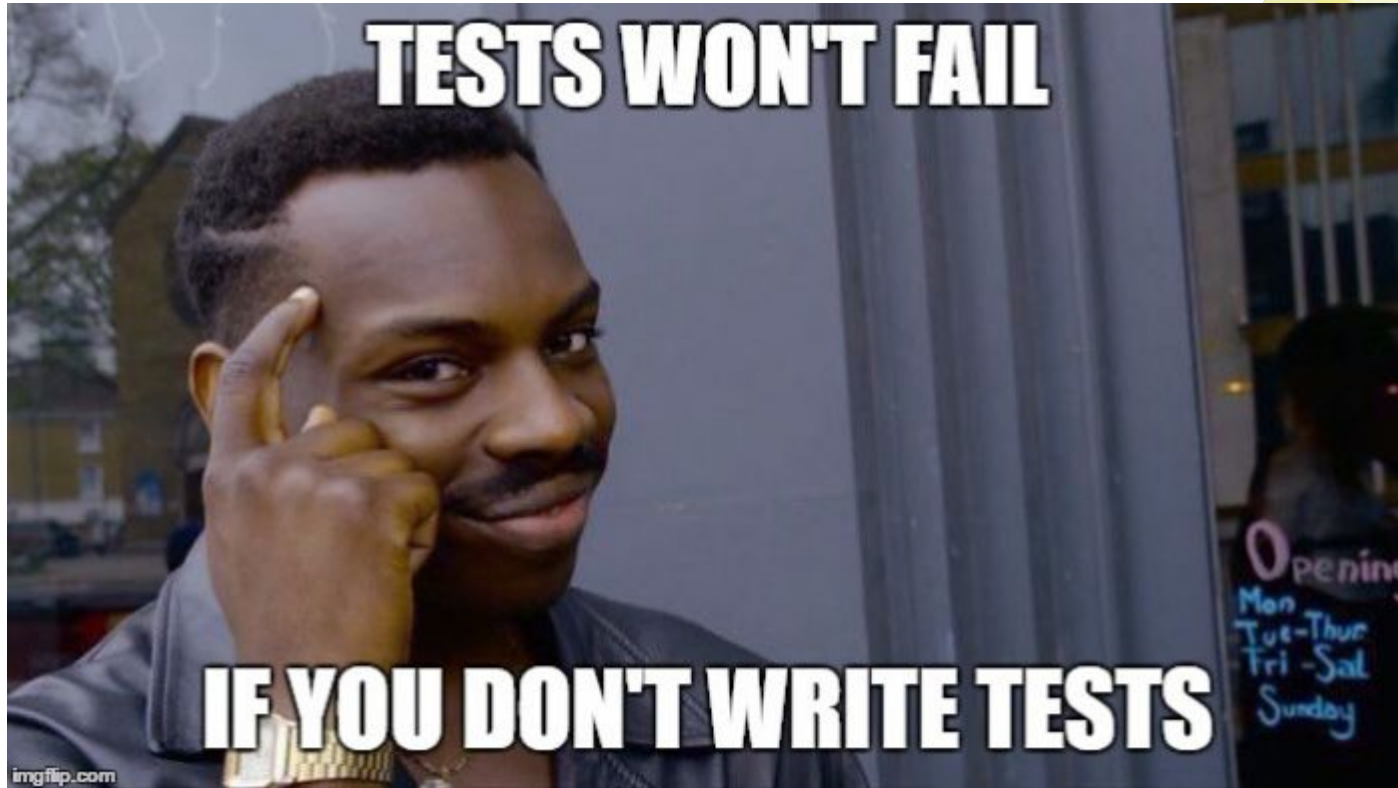
You can do more with the same amount of people

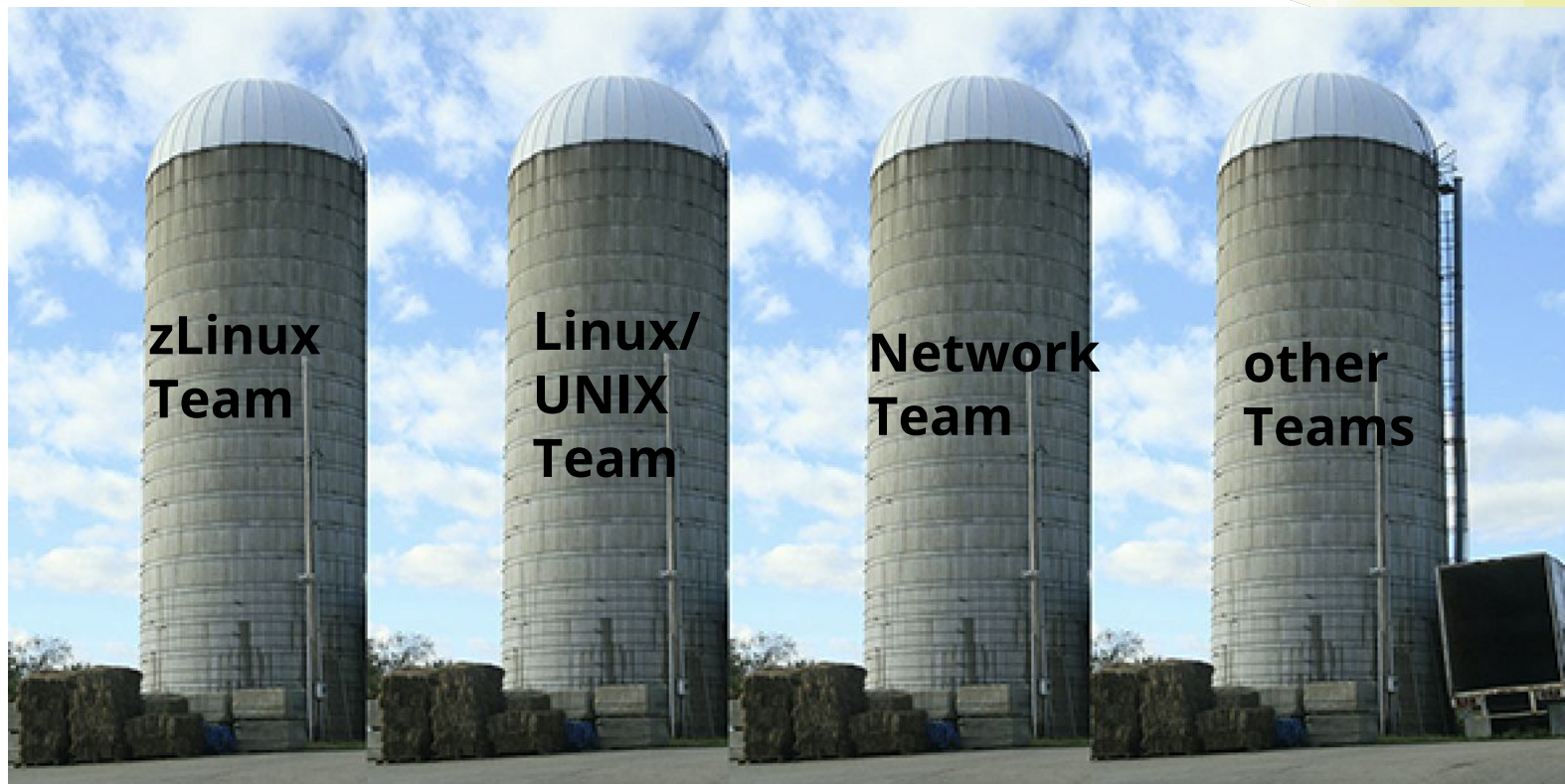
- Fire people?
 - No!
- Should you fear your job?
 - No!
- War for talent!
- Invest in knowledge and new projects



The bad side







Lessons from the dark side

- Sharing and communicating is a must
 - Self-development, company improvement,...
- Write tests
- Create a platform
- Open-up the silo's!





kangaroot

Linux & Open Source Solutions



Experts in Linux & Open Source Solutions

www.kangaroot.net

@ Kangaroot

- We've been automating for over 20 years
- We have knowledge in; Puppet, Chef, Ansible, Terraform, Salt,...
- Over 250 years of combined automation experience
- Helping and guiding customers
- Automation mindset





www.kangarun.net



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Kangarun

- Kangarun Managed OpenShift
- Kangarun Automation factory
- Kangarun Managed Elastic
- Kangarun DevStack (comming soon)





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Managed Open Source

Automation Factory



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Kangarun – Automation Factory

- Workshops
- Ansible Trainings
 - Basic
 - Advanced
 - Network & Security
- Code Reviews
- Managed AAP (Ansible Automation Platform)



A Managed Service



A Managed Service

Managed services; is the practice of outsourcing the responsibility for maintaining, and anticipating need for, a range of processes and functions, for the purpose of improved operations and reduced budgetary expenditures through the reduction of directly-employed staff.



Enablement!

- Automation mindset
- Engagement



The Internal Thermostat

- “The Key to Life is Changing Your Internal Thermostat.” - Ed Mylett



The Internal Thermostat

- “The Key to Life is Changing Your Internal Thermostat.” - Ed Mylett
- Let us be the higher temperature for your Automation journey!



Questions

