



DATADOG

Demystifying DevOps & SRE

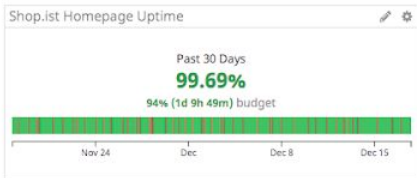


- Watchdog
- Events
- Dashboards
- Infrastructure
- Monitors
- Metrics
- Integrations
- APM
- Notebooks
- Logs
- Security
- UX Monitoring

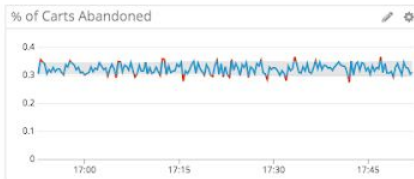
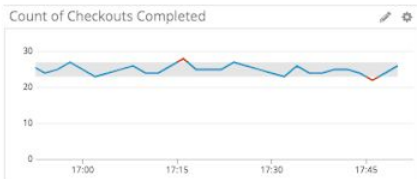
Shop.ist Timeboard

Search... Saved Views \$Role \$env staging \$az

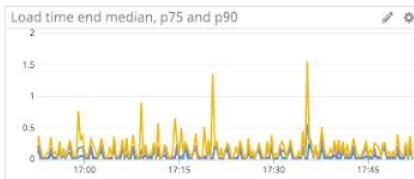
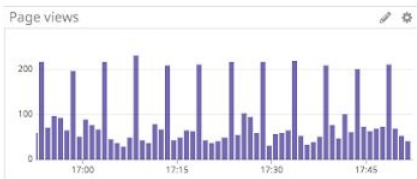
Service Level Agreements



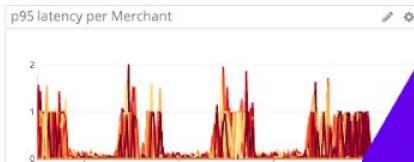
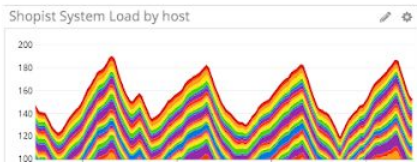
Business KPIs



RUM - Frontend Metrics



Performance





Today's topics

1. Clear up confusion about what DevOps and SRE are.
2. Discuss team and organizational structure.
3. Tips on finding and growing SRE talent.
4. Practical suggestions for incorporating SRE into your organization.



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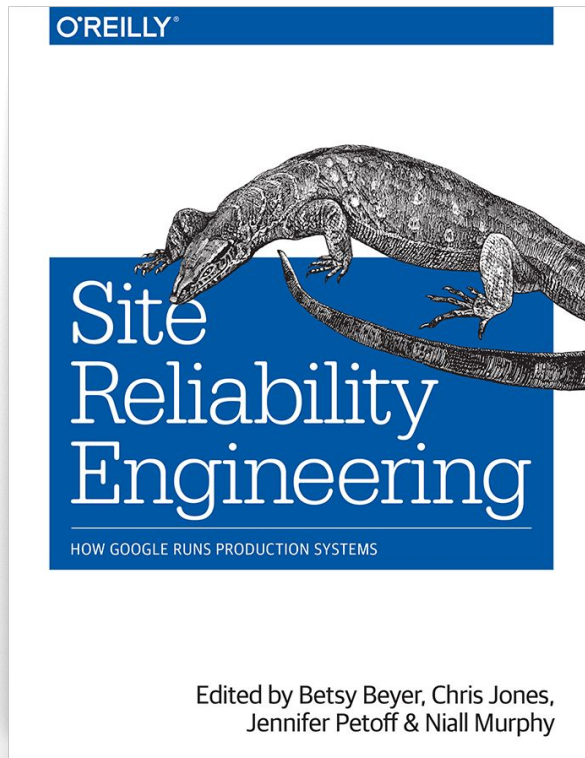


DevOps: CAMS

- **C**ulture
- **A**utomation
- **M**easurement (or Metrics)
- **S**haring



"The SRE Book"





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Organizing your organization

- Product Teams
- Squads
- Guilds

Squads



Guilds





DevOps is an idea; SRE is a practice.

- A cohort of Site Reliability Engineers, organised and managed as a group, form an SRE team.
- SRE teams are versatile!
 - Code reviews, incident response, facilitate post-mortems
 - Supports a dedicated portfolio or a product team
 - Individual SREs may rotate in and out of products, sprints (though some might not)



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SREs have personalities

- Patience for staring at code
- Enjoy problem-solving
- Capacity for self-teaching
- Wide range of technical interests
- Great at communicating in different ways
- Big on teamwork and mutual trust
- Interested in mentoring / teaching



SREs have backgrounds

- Traditional “ops” or “dev” profiles
- Customer success agent
- PhD in computer science
- Dropped out of high school

Great SRE talent can come from anywhere!



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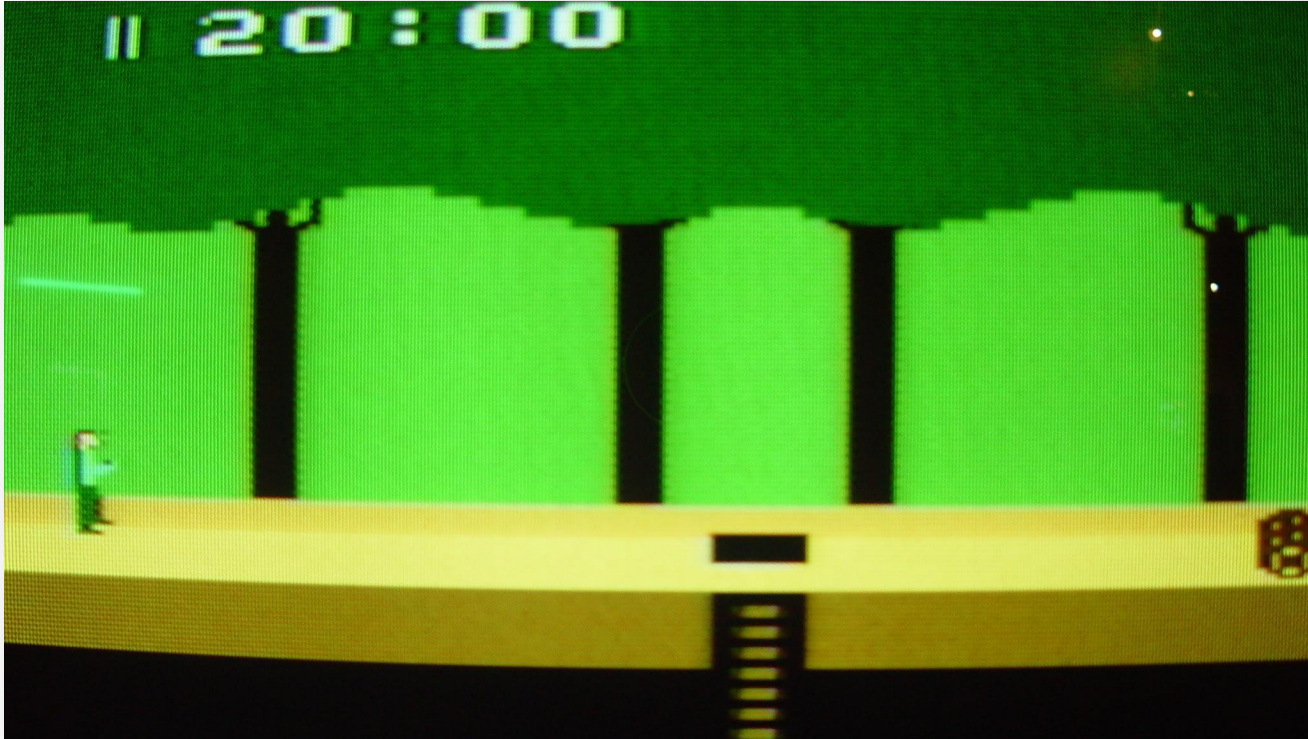
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SRE: Standalone team? Embedded resource?

- Depends on your organization; on your realities.
- Try a few different things—see what works!
- This is where the CAMS acronym comes into play.
 - Culture
 - Automation
 - Measurement
 - Sharing

Pitfall(s)





Today's topics, reprised

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