

Sandbox to Standard

Modernizing to OpenShift

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What we'll discuss today

- ▶ Assumptions
- ▶ Why?
- ▶ How?
- ▶ What Now?

Assumptions For You

- ▶ Some sort of current environment
- ▶ Interest and Dedicated Resources to make change
- ▶ Management Interest to make change
- ▶ Technical pain points you want to solve with Red Hat Tech

...but maybe you don't know how to explain why change is a good idea

Why

Development

Operations

Business

Management

Development

- Reduction in Context Switching
- Best in Breed Tooling
- No “Works on My Machine” Problems
- Easy to Commit to Standards
- Ownership and Pride

Operations

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- Self Service Development
- Less “Tossing Over the Wall”
- Fewer Repeated Manual Tasks
- Cloud of Choice
- Reduction in Tech Debt

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- Faster Speed to Market
- Canary Releasing New Ideas
- Reduced Risk
- Clear Analytics
- Increased Response to Customer

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Management

- More Accurate Licensing Costs
- Greater System Stability
- Standardization of Skills
- Fully Supported Processes
- Happier Employees

How

- ▶ Reasonable Defaults
- ▶ Dedicated Resources
- ▶ Automation and Pipelines
- ▶ Put Up or Shut Up
- ▶ Be Opinionated
- ▶ Do Science
- ▶ Divide and Conquer
- ▶ Hack-a-thons
- ▶ Technological Debt
- ▶ Expectations and Clarity
- ▶ Inner-Source
- ▶ Fail Fast, Fail Often
- ▶ Build Trust
- ▶ Culture, Culture, Culture

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- ▶ **Culture, Culture, Culture**

Expectations and Clarity

Setting the Bar

- ▶ Document Best Practices Early
- ▶ Acknowledge Old Pain Needing Fixing
- ▶ Clearly Define Goal Posts
- ▶ Breed Passion Projects

Reducing Fear of Ownership Transition and Onboarding

**YOU MUST
BE THIS TALL
TO RIDE
THIS RIDE**



Fail Fast, Fail Often

Skin Your Knees



- ▶ Remove the Stigma Around Failure
- ▶ Build and Fail with pipelines
- ▶ Set Difficulty Incrementation
- ▶ Create Public facing metrics

Don't be afraid to use your political capital.

Reasonable Defaults

Make Adoption Easy



Changing Practices and cultures is difficult. How do I even know where to begin?

- ▶ Standard Starter Projects
- ▶ Documented Practices
- ▶ Opt out model
- ▶ Best Practices By Default

Put Up or Shut Up

Find Pain, Solve Pain, and Broadcast the Solution

What are your actual points of pain in the software development process?

- ▶ Deployment Outages
- ▶ Speed To Market
- ▶ Workspace Setup

You need to clear your cache and look with fresh eyes.

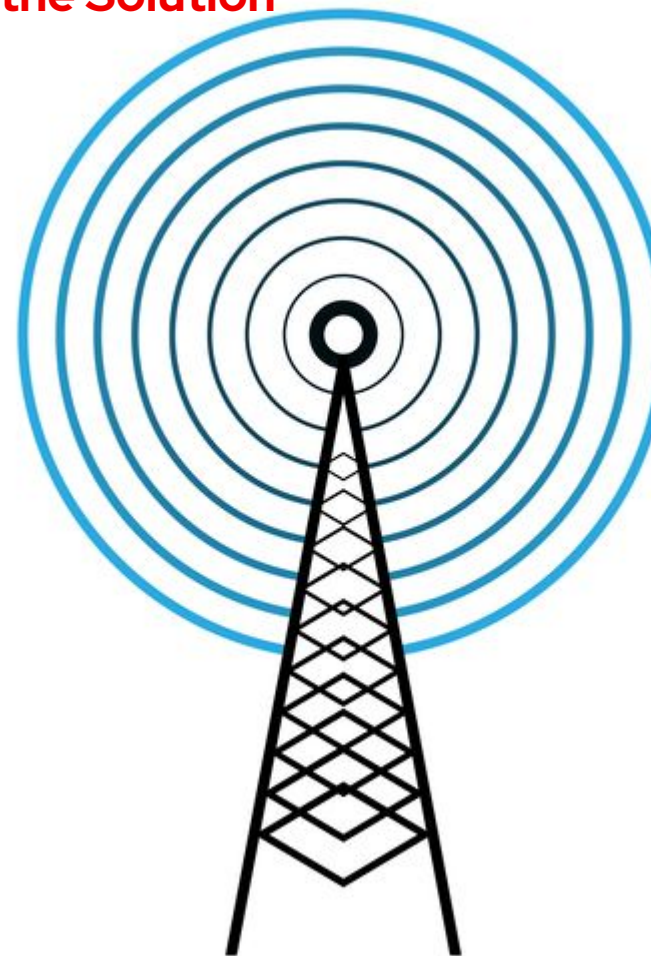


Put Up or Shut Up

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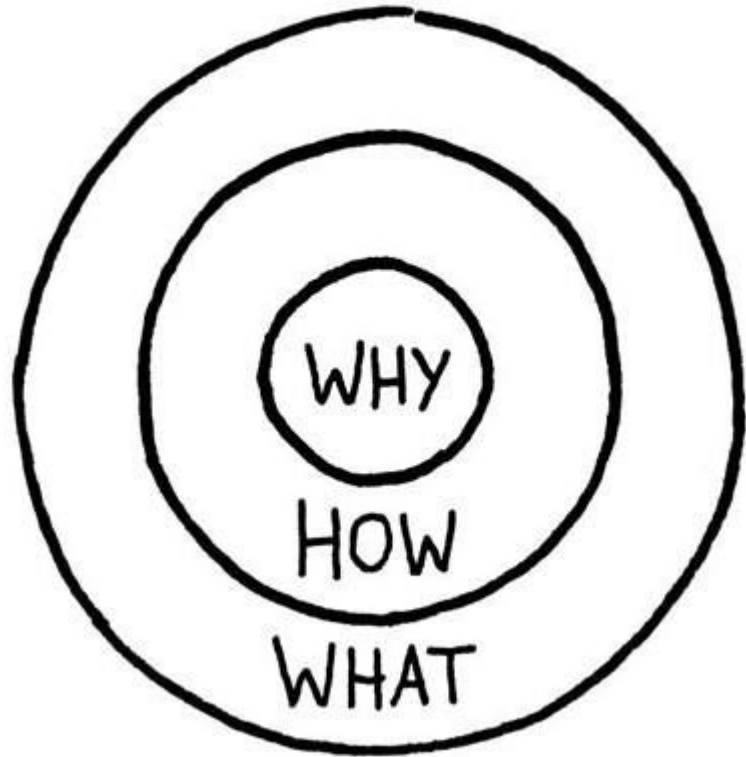
Show off what you've done.

- ▶ Blog Posts
- ▶ Management Demonstration
- ▶ Developer Days Presentations
- ▶ Hack-a-thons
- ▶ Production or Bust



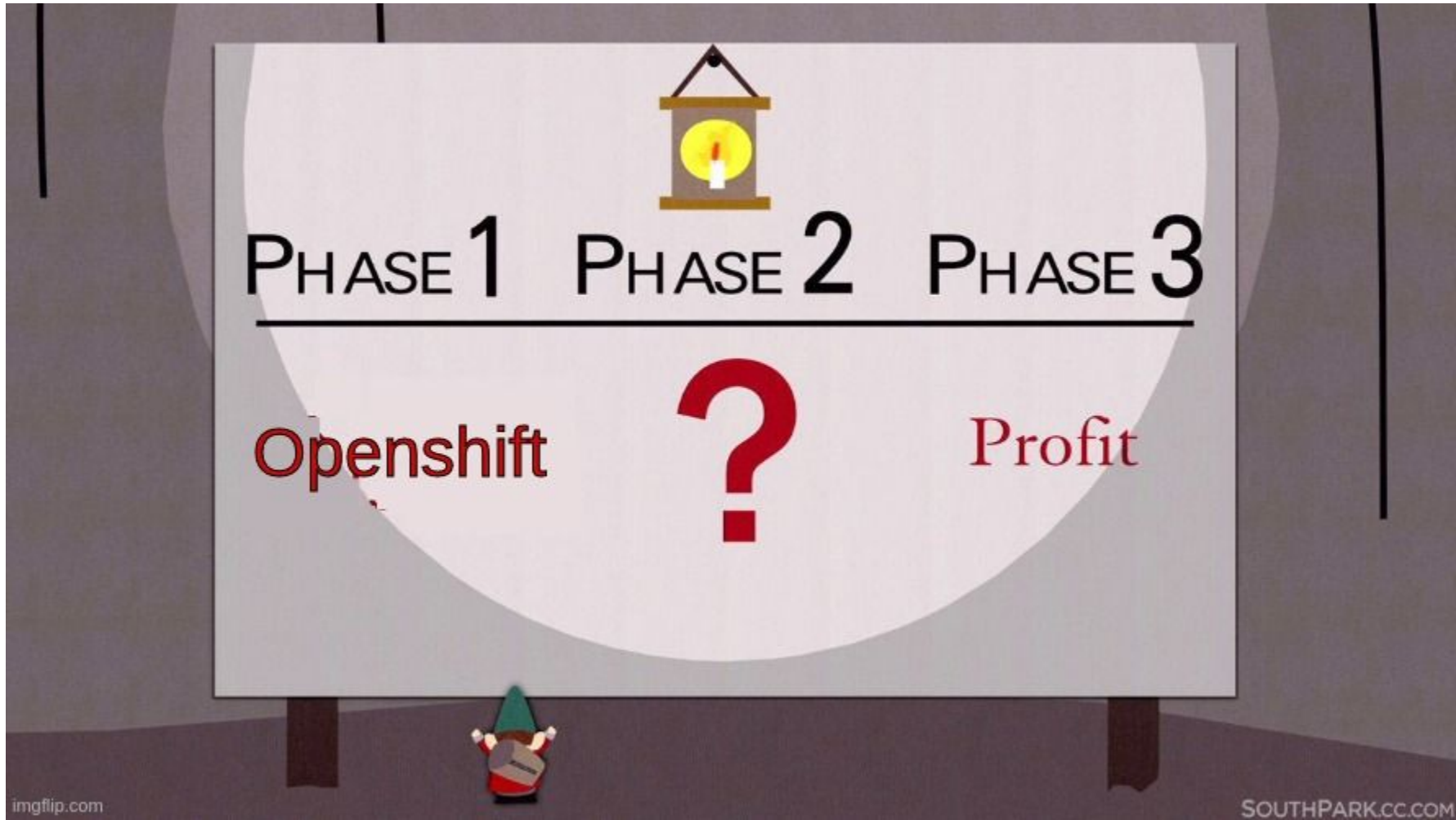
Culture, Culture, Culture

Without culture, no technology change can stick.



- ▶ Following Through
- ▶ Accountability vs Finger Pointing
- ▶ Defining Success
- ▶ Celebrating

What Now?



What's Phase 2?

- ▶ Assess your political capital
- ▶ Decide the steps you want to take to solve pain
- ▶ Meet with management to plan accordingly
- ▶ Execute
- ▶ Broadcast
- ▶ Repeat

Thank you

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