How Walmart is Building a Successful Open Source Culture

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Walmart

GLOBAL RETAILER

11,593 stores in 28 countries
E-commerce in 11 countries

WORKFORCE

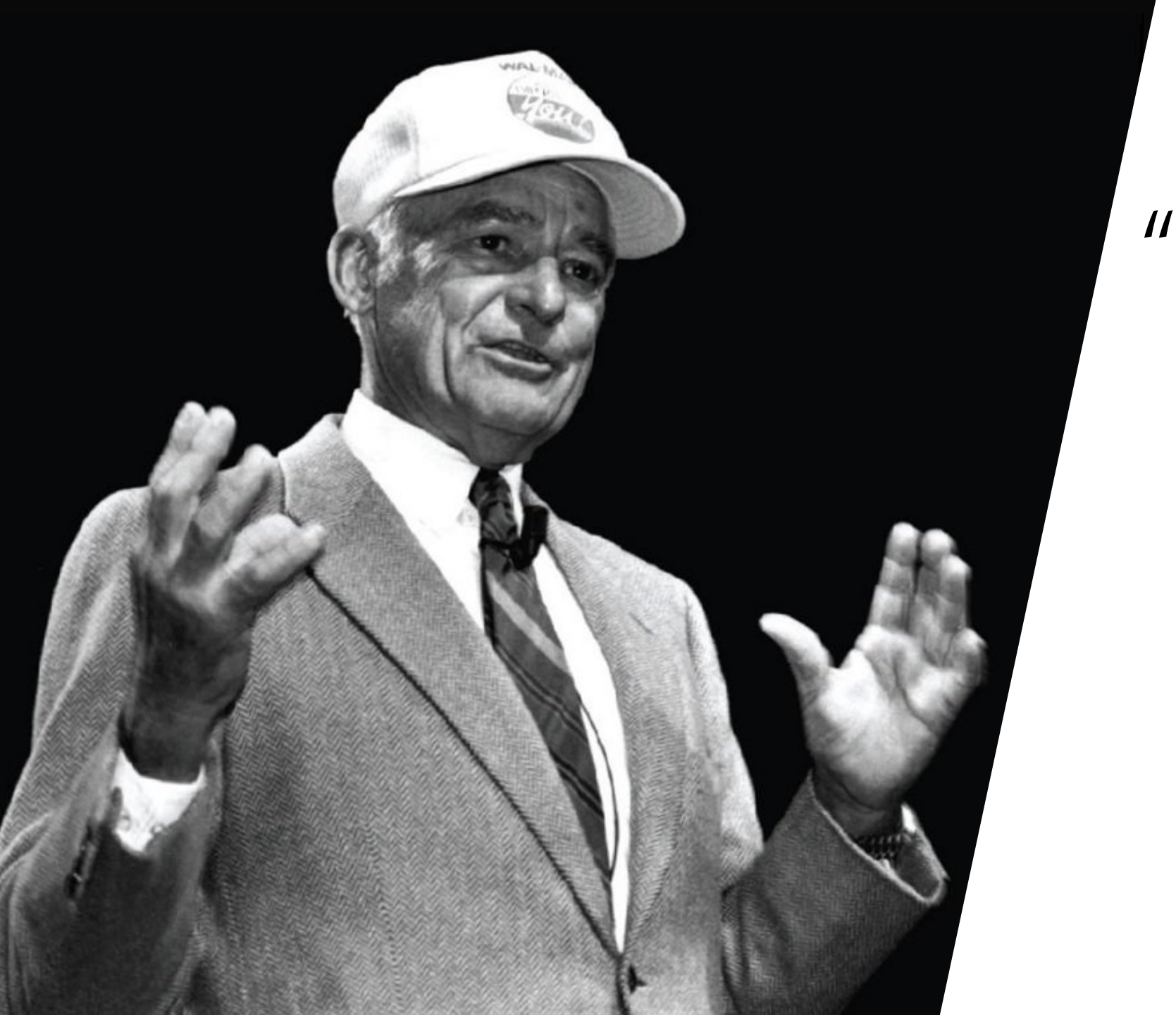
2.3 million associates

DISTRIBUTION

100+ distribution centers

MULTI-CHANNEL CUSTOMERS

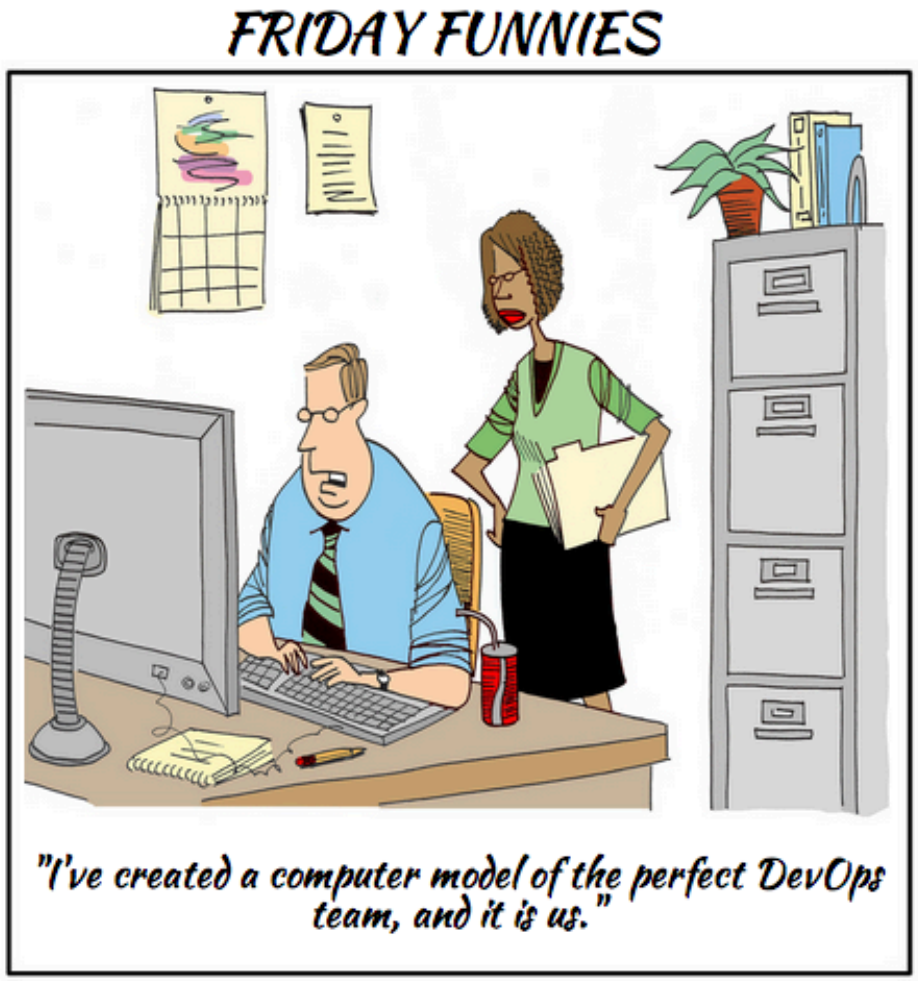
260 mm visitors weekly



" Everything around you is changing. To succeed, stay out in front of change. "

- Sam Walton

Problem: Our environment lacked speed, agility and flexibility



Our Open Source Journey

1. Proof of concept

2. Audience Testing

3. Production

Building the Culture

TEAM ADOPTION

AWARDS

SUPPORT

GOALS

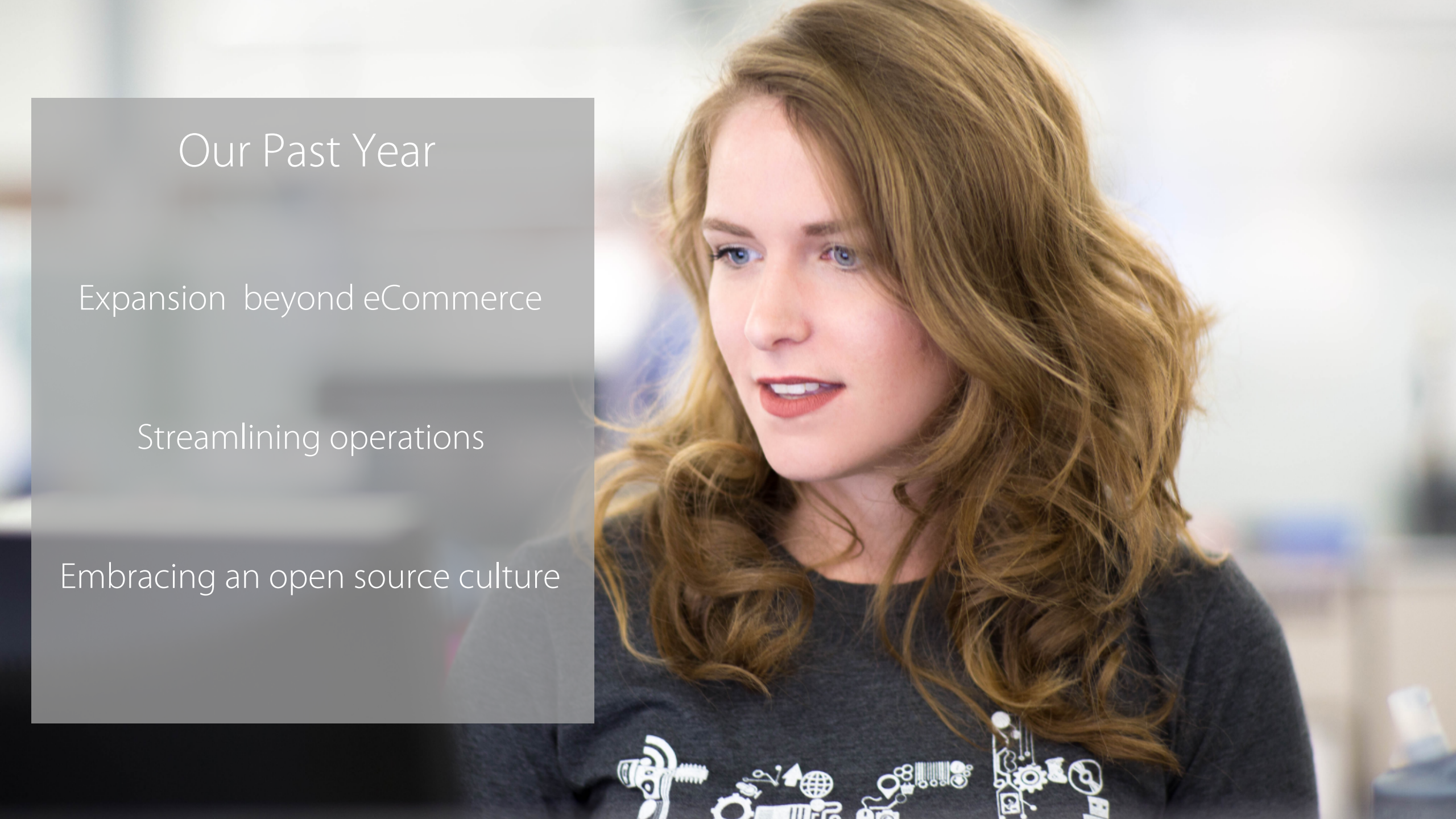
WELCOME TO THE
OPENSTACK
Walmart
Technology
careers.walmart.com

Our Past Year

Expansion beyond eCommerce

Streamlining operations

Embracing an open source culture



Results

OPENSTACK
PUPPET
ELECTRODE & ONEOPS
INTERNAL TECH BLOGS
INTERNAL OPEN SOURCE TEAM

Our Transformation

170,000 + cores on OpenStack

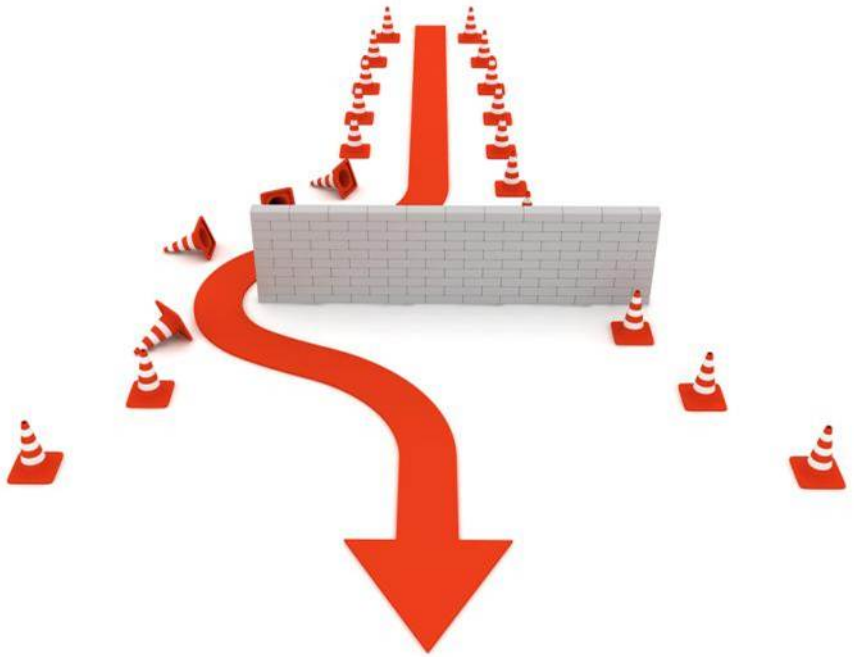
100,000 + of monthly OneOps auto repairs

40,000 + of monthly OneOps deployments

1,000 + of monthly OneOps auto replace events

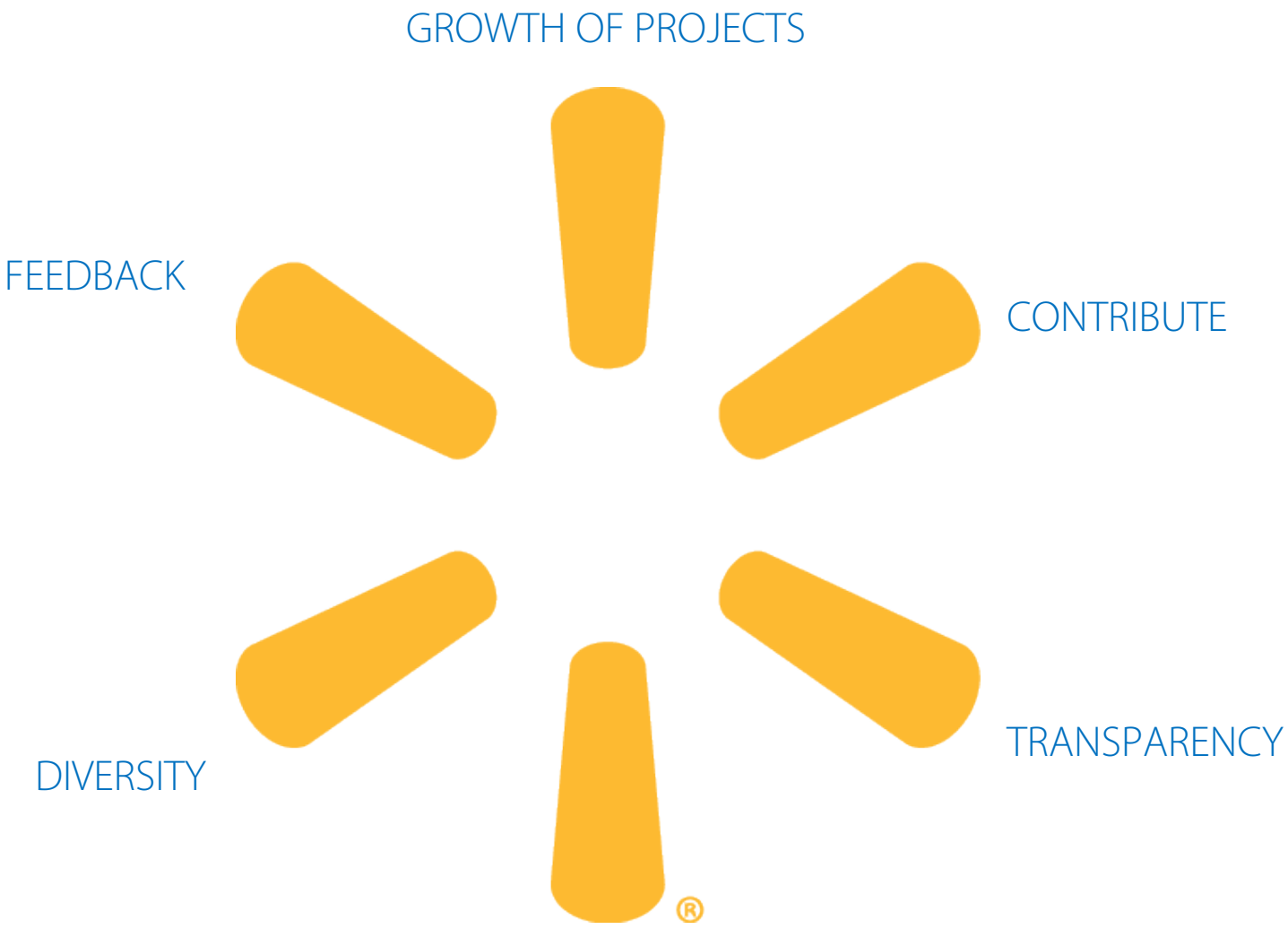
60 + open source products

Challenges . . .

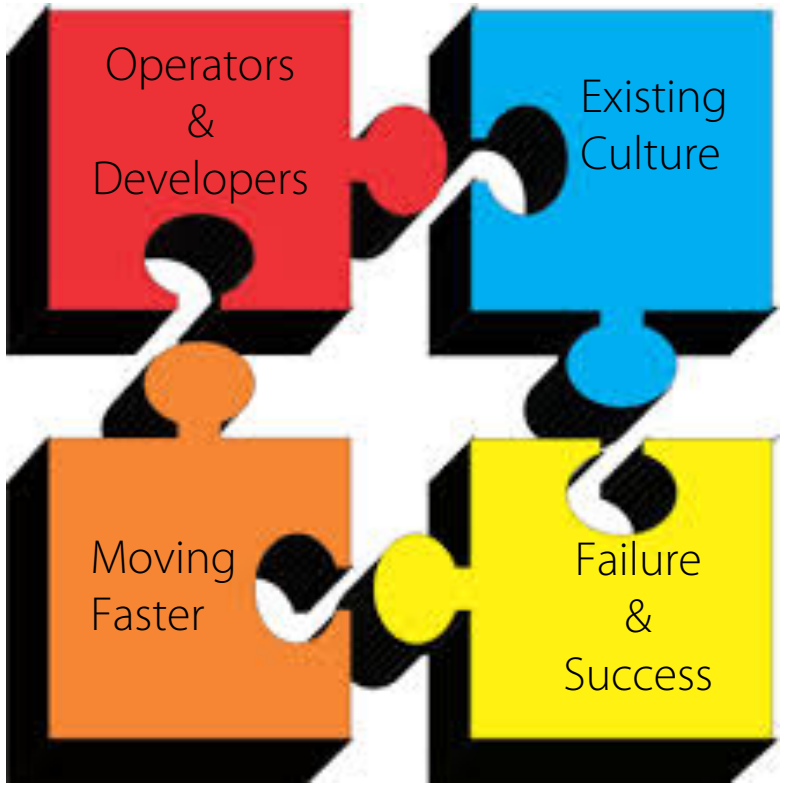


. . . opportunities currently in development

Future Goals



Key Takeaways



Thank you!