



CDF

# What's New at the Continuous Delivery Foundation (CDF)

**Tracy Ragan**

CEO DEPLOYHUB, CDF BOARD MEMBER



## CDF

New Projects, new working groups, new thought leaders.

Over the course of the last 3 years, the CDF has begun to build a community of forward-thinking DevOps Professionals that are taking on some of the most difficult DevOps disruptions. In this session, we are going to meet them, and encourage you to join the conversation.



# Meet Tracy Ragan

## Microservice Evangelist, Passionate About Configuration Management and Continuous Deployment

- DeployHub CEO and Co-Founder
- Community Director – Ortelius Open-Source Project
- TechBeacon.com Top 100 DevOps Visionaries
- Founding Board Member Eclipse Foundation
- Founding Board member of the CD Foundation
- DevOps Institute Ambassador
- 20+ DevOps Experience

Let's chat – reach me on LinkedIn

<https://www.linkedin.com/in/tracy-ragan-oms/>

CDF

# The Continuous Delivery Foundation

Just in case you had not heard...



CD.FOUNDATION



# The CDF Mission



*The Continuous Delivery Foundation seeks to improve the world's capacity to deliver software with security and speed.*

# CDF and the Linux Foundation



The Linux Foundation serves as the 'parent' foundation to both the **CDF** and the **Cloud Native Computing Foundation (CNCF)**.

The CNCF and the CDF are working together on common topics, in particular DevOps in a Cloud Native framework.

# Purpose of the CDF

The Continuous Delivery Foundation (CDF) exists to:

***Establish best practices***

of software delivery automation, from the standpoints of people, processes and technology.

***Propel the education and adoption of Continuous Delivery tools***

throughout industries across the globe for both traditional and modern architecture.

***Facilitate cross-pollination***

across emerging technologies in order to improve the world's capacity to progress software updates with security and speed.

# Who We Are

The Continuous Delivery Foundation is led by a team of accomplished professionals passionate about delivering beautiful software swiftly and simply. We will do this by:



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**Growing** a world-wide, user-first, collaborative ecosystem with a vision for the future.



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**Serving** as a home to new and mature projects dedicated to a continuous delivery model.



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**Creating** a cohesive body of educational materials for practitioners of all levels.



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**Governing** with fairness, integrity and intention to support a vendor neutral community.



# The State of CD Report

Where do you stack up in your CD journey?

Find out in the State of CD Report

<https://cd.foundation/state-cd-report/>

## SOFTWARE DELIVERY PERFORMANCE BY INDUSTRY

The dashboard allows us to view the software delivery performance data by industry, which enables us to try to answer questions such as: "How do different industries perform at software delivery relative to each other?" We can get an overall picture by plotting 'speed' metrics (lead time for changes and deployment frequency) on the x axis versus 'stability' metrics (time to restore services) on the y axis. Industries toward the top-right of the chart are delivering software at speed with stability. Viewing the data in this way allows us to observe that the Retail industry ranks the best while industries like Telecommunications lag behind relative to other industries.



# Get Involved in a SIG

- Join a Special Interest Group – Did you know, like any open-source community, you can join and contribute to a CDF SIG?
- As the CDF grows new SIGs emerge. These communities are forward thinkers and best practice experts that drive adoption of CI/CD and build the pipelines of the future.



# Get Involved in a Project

- Projects are the heart of the Continuous Delivery Foundation.
- Become a contributor by joining a project. Women and minorities are encouraged to join. The CDF is committed to diversity and inclusion.
- The CDF is focused on growing their project portfolio.
  - Do you have an open-source project they should know about?



# Speak and Write

- Your experience is important. Your voice is needed.
- Present at:
  - cdCon or a co-located cdCon event.
  - CDF Meetups (talk to me about the CDF Online Meetup).
  - Industry conferences, like KubeCon, DevOps Online Summit, etc.
- Write a Blog for the CDF or a CDF Project.
  - Submit at: <https://cd.foundation/news/blog/>







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# Meet the Community

- You are in Good Company
  - Members who make it happen
  - Vendor Neutral Governance Board
  - Technical Oversight Committee



Premier



# General

anchore



cycloid



dynatrace



GitLab

harness



ORACLE

ozone

puppet



sumo logic

Sysdig



# End-User



# Associate



# Meet the Governing Board



**Anders Wallgren, CloudBees**

VP of technology strategy



**Dan Lorenc, Google, TOC Chair,**

Lead Staff Software Engineer, Open-Source  
Security Team (GOSST)



**David Lai, Futurewei, Budget Chair**

Director of Cloud Infrastructure and Big Data Platform



**Eric Chiang, Netflix**

Delivery Engineering Manager



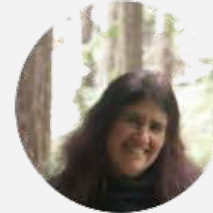
**Jason Hall, Red Hat**

Senior Principal Software Engineer



**Jayne Groll, DevOps Institute  
Board Member Rep**

CEO



**Jennifer Hooper, Armory**

Leads Developer Marketing, Brand, and Content



**Nikhil Kaul, Google Cloud**

DevOps Product Marketing



**Shinya Echigo, Fujitsu Limited**

Senior Director



**Stephen Chin, Jfrog  
Governing Board Chair**

Stephen Chin is Head of Developer Relations



**Tom Trahan, CircleCI**

VP of Business Development leading  
technology and channel  
partnerships



**Tracy Ragan, DeployHub  
Board Member Rep**

CEO



**Peder Ulander, AWS**

Enterprise and Developer Marketing

# Meet the Technology Oversight Committee



**Steve Taylor, DeployHub**  
CTO



**Andrea Frittoli, IBM**  
Open-Source Developer  
Advocate



**Jithin Emmanuel, Verizon**  
Sr. Manager Software  
Engineering



**Fatih Degrimenci, Ericsson**  
Principal Developer



**Dan Lorenc, Google, TOC Chair**  
Lead Staff Software Engineer, Open-  
Source Security Team (GOSST)



**Garima Bajpai, Capital  
Carbon Consulting**  
Continuous Product  
Oriented Practice



**Melissa McKay, JFrog**  
Developer Advocate



**Oleg Nenashev,  
CloudBees**  
Principal Software Engineer



**Jason Hall, RedHat**  
Senior Principal Software  
Engineer





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# The Working Groups

Consider joining a CDF Special Interest Group (SIG) or Committee

- Outreach Committee
- End User Council
- Interoperability SIG
- Events SIG
- Best Practices SIG
- MLOps SIG

# Outreach Committee

- <https://github.com/cdfoundation/outreach>
- The Outreach Committee is responsible for the design, development and execution of community outreach efforts on behalf of the Governing Board.
  - Brings you cdCon
  - Participates in Member Events
  - Social Media and Networking
  - Branding and Messaging
  - Website



Tiffany Jachja  
Committee Chair  
Technical Evangelist  
Harness.io

# End User Council

- The CDF end user council provides the opportunity for end user organizations to have context-rich discussions on how they pursue their modernization efforts in the most effective way.
- <https://github.com/cdfoundation/end-user-council>



John Mark Walker

Council Chair

Director of Open-Source  
Programs, Fannie Mae

# Interoperability SIG

SIG Interoperability aims to enable a dialog in the interoperability area by bringing CI/CD users together with the open-source projects in order to:

- Promote the need to collaborate on interoperability challenges in a neutral forum.
- Highlight and promote the needs of the users who face challenges constructing complex end-to-end CI/CD flows and pipelines by employing different tools and technologies.
- Reduce the need for users to implement in-house solutions by promoting native interoperability between tools.
- *Attract and assist projects that work on interoperability.*
  - *Created the Events SIG*
- <https://github.com/cdfoundation/sig-interoperability>



**Kara de la Marck, CloudBees**

**Co-Chair**

Open-Source Developer Relations



**Fatih Degrimenci, Ericsson**

**Co-Chair**

Principal Developer

# Events SIG

- This group is looking at how events can help to create CI/CD systems with a decoupled architecture that is easy to scale and makes it resilient to failures. Using events could also increase automation when connecting workflows from different systems to each other, and as a result empowering tracing/visualizing/auditing of the connected workflows through these events.
- <https://github.com/cdfoundation/sig-events>



Emil Bäckmark  
Co-Chair  
CI/CD Architect  
Ericsson



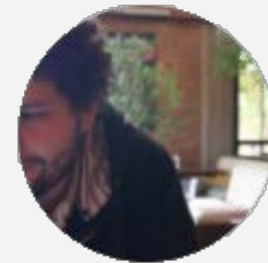
Andrea Frittoli  
Co-Chair  
Open Source  
Developer Advocate

IBM



# Best Practices SIG

- A key goal of the Best Practice SIG is to address CI/CD adoption challenges by creating a living, community-driven knowledge source to start capturing and distributing the various best practices that have been acquired over the years by our members and users. The knowledge source would aim to:
  - Create a living source of guidance and practices, informed by experts in the field.
  - Inspire broad contribution and participation from different areas of focus within the CD domain.
  - Highlight themes and common solutions that contributed to high-value business impact that CDF member companies have enjoyed in adopting continuous delivery.
- <https://github.com/cdfoundation/sig-best-practices>



Mauricio Salatino

Co-Chair

Camunda

Principal Software  
Engineer



Christie Wilson

Co-Chair

Google

Software  
Engineer

# MLOps SIG

- The vision of the MLOps SIG is one where Machine Learning assets are treated consistently with all other software assets within a CI/CD environment. Machine Learning models can be deployed alongside the services that wrap them and the services that consume them as part of a unified release process
- <https://github.com/cdfoundation/sig-mlops>



**Terry Cox, Bootstrap**  
**Chair**  
Director

CDF

# The Projects

You can become a contributor.



# Jenkins



- The leading open-source automation server, Jenkins provides hundreds of plugins to support building, deploying and automating any project.
- <https://www.jenkins.io/>



**Oleg Nenashev, CloudBees**

**Governance Board**

Principal Software Engineer

<https://www.linkedin.com/in/onenashev/>



**Mark Waite, CloudBees**

**Jenkins Officer**

Technical Evangelist

<https://www.linkedin.com/in/markwaite/>

- Provides pipeline automation, built-in GitOps, and preview environments to help teams collaborate and accelerate their software delivery at any scale.
- <https://jenkins-x.io/>



**James Strachan, CloudBees**

**Lead Contributor**

Distinguished Engineer

<https://www.linkedin.com/in/jstrachan/>



# Spinnaker



- Spinnaker provides application management and deployment to help you release software changes with high velocity and confidence. Spinnaker is an open-source, multi-cloud continuous delivery platform that combines a powerful and flexible pipeline management system with integrations to the major cloud providers.
- <https://spinnaker.io/>



**Andy Glover, Netflix**  
**Steering Committee**

Director, Productivity Engineering  
<https://www.linkedin.com/in/ajglover/>



**Isaac Mosquera, Armory**  
**Steering Committee**

CTO  
<https://www.linkedin.com/in/isaacmosquera/>

# Screwdriver



- Screwdriver is an open-source build platform designed for Continuous Delivery built with easy configurability and isolation as security in mind.
- <https://screwdriver.cd/>



**Jithin Emmanuel, Verizon**

**Core Contributor**

Sr. Manager Software  
Engineering

# Ortelius – latest Project



- Ortelius is a microservice management platform that versions and tracks microservices, their consuming applications, ownership, blast radius and where they have been deployed with all critical deployment metadata. By centralizing and tracking detailed configuration data, Ortelius provides you a proactive view of how your microservice architecture is changing overtime.
- <https://ortelius.io/>



**Steve Taylor, DeployHub**  
**Community Director**  
CTO

<https://www.linkedin.com/in/steve-taylor-oms/>



**Siddharth Pareek, NatWest**  
**Ambassador Chair**  
Global Practice Lead

<https://www.linkedin.com/in/siddharthpareek/>

# Shipwright – In the funnel



# SHIPWRIGHT

- A framework for building container images on Kubernetes.
- <https://shipwright.io/>



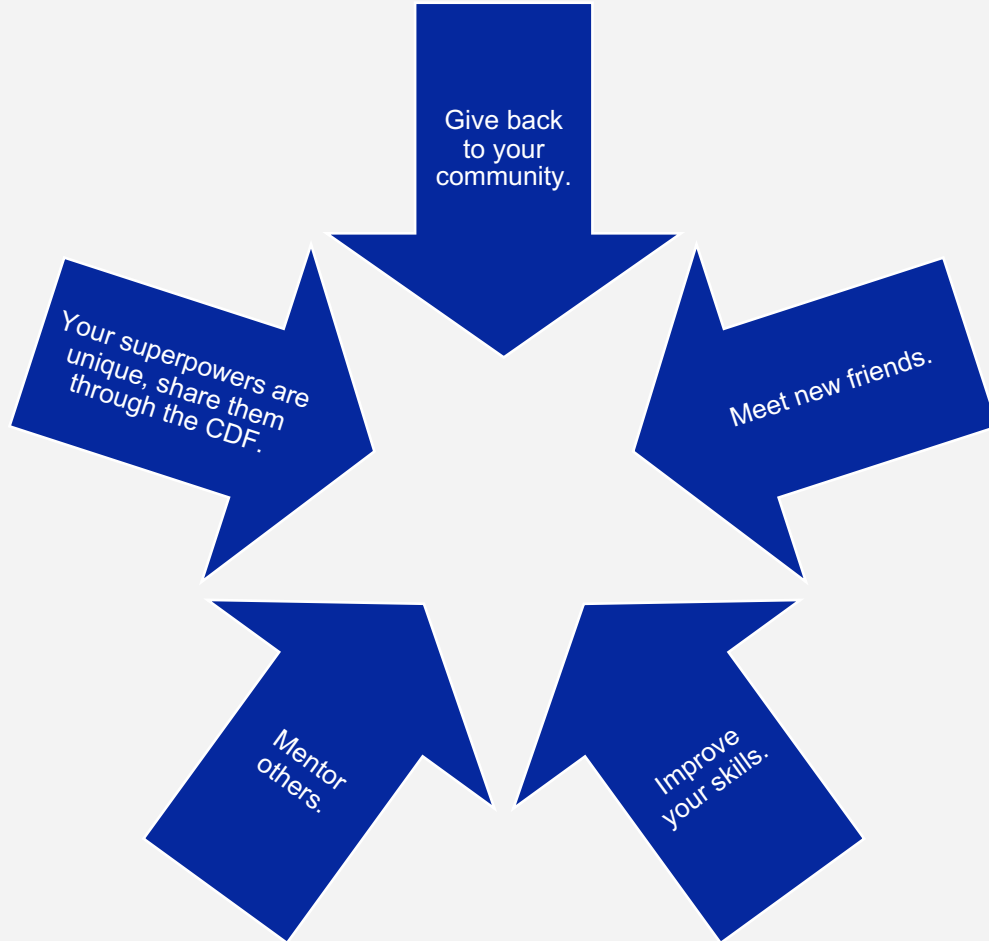
**Jason Hall, Red Hat**

**Lead Contributor**

Sr. Principal Software Engineer

<https://github.com/imjasonh>

# Everyone is a Superhero







# Thank you!

**Find me at:**

**LinkedIn - [in/tracy-ragan-oms/](https://www.linkedin.com/in/tracy-ragan-oms/)**

**Twitter - [@tracyragan](https://twitter.com/tracyragan)**

**GitHub - [tracyragan](https://github.com/tracyragan)**