

Creating Open Culture Bubbles

Can you bring the Open Organisation to your team?

Val Yonchev @valyonchev

Photo by Dawid Zawifa on Unsplash




RED HAT
OPEN INNOVATION LABS

Agile & DevOps "Cargo" Cults

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A group of children are participating in a tug-of-war competition on a grassy field. The children are lined up, pulling on a thick rope. The child in the foreground is wearing a grey jacket and glasses, looking intently at the rope. Other children in various jackets are visible behind them, all focused on the task. The background shows a grassy hill and some trees under an overcast sky.

High performing teams are the result of the context they operate in

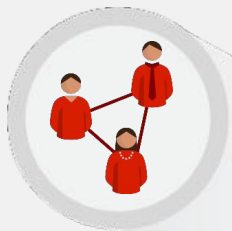
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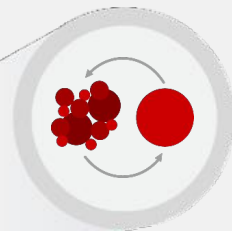


Culture

OPEN SOURCE IS MORE THAN CODE. IT'S CULTURE.



Engaged communities
more rapidly adapt change



Transparency forces
honesty and authenticity



Open standards
preserve business agility



Shared problems
are solved faster

**OPEN SOURCE
CULTURE**

What is an Open Organisation?



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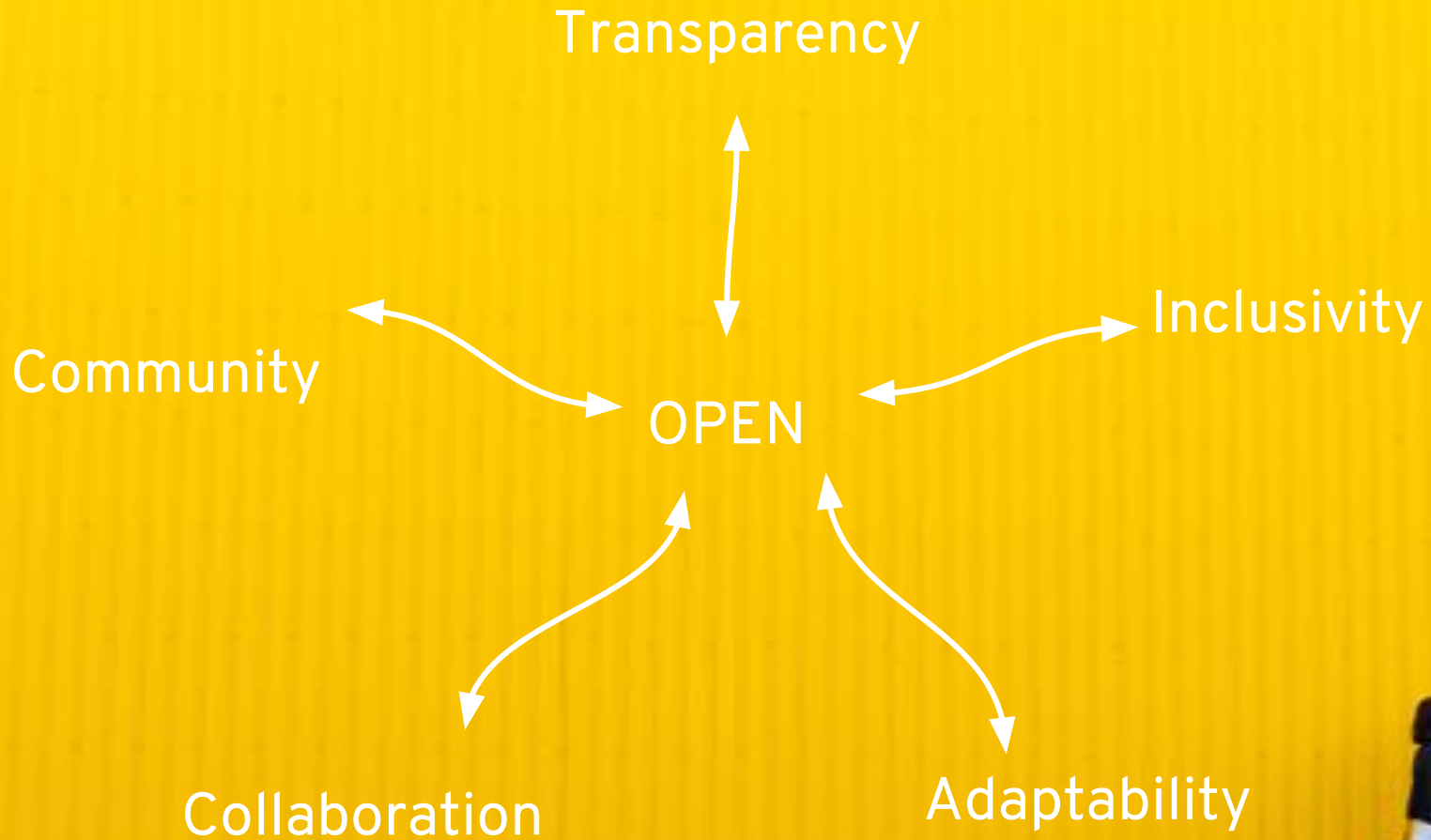


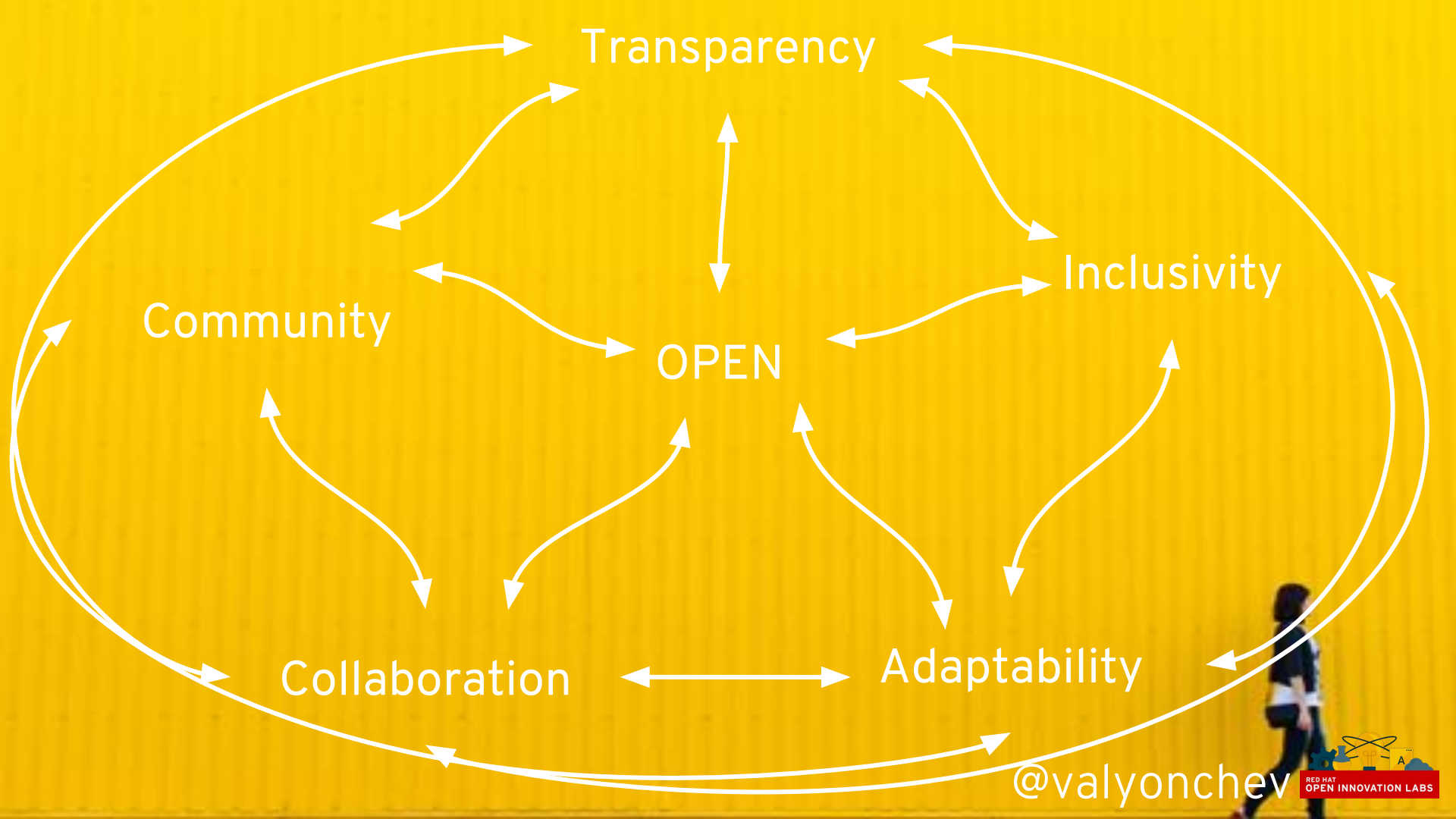
OPEN

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**High performing teams are the result of the
context they operate in**

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Why is this a problem my team is trying
to solve?

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WHY OPEN INNOVATION LABS? BECAUSE OUR CUSTOMERS ASKED FOR IT!

Show us. We need a way to experience Red Hat technology and culture
in a tangible, hands-on way ...

- Red Hat Strategic Advisory Board - 2015

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**ACCELERATE MODERN APP DEVELOPMENT
AND EXPERIENCE DEVOPS WITH US
IN OUR KITCHEN**

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You are
(probably)
NOT the CEO!

So how can you
make a better
context for your
team?



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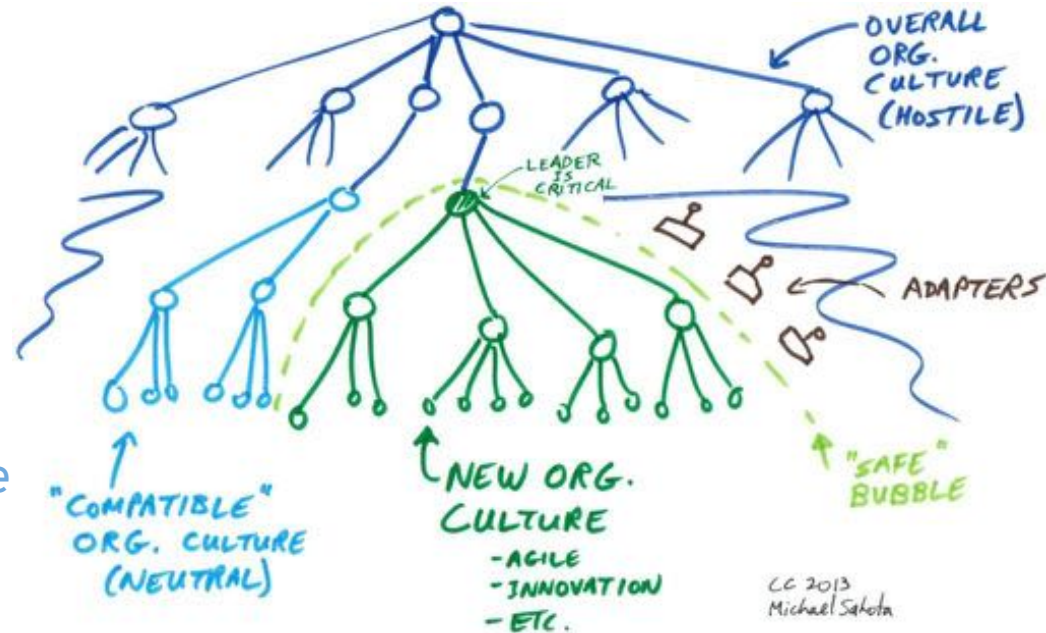


Create APIs for your team to the rest of the organisation

The surrounding org is often hostile

loosely coupled == build APIs or adapters - your leader is critical

Strongly coupled == build allies and compatible ways of working - maybe you can change them too



Work with the system



Pop-Up Labs In A Customer Location

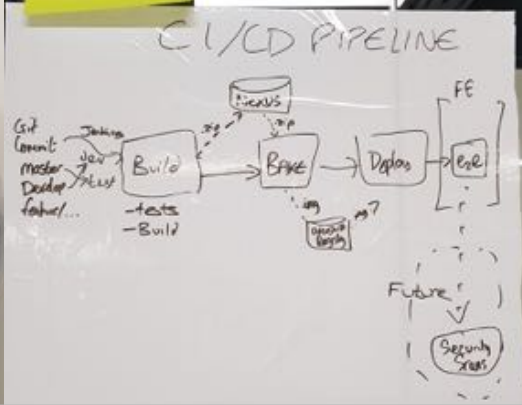


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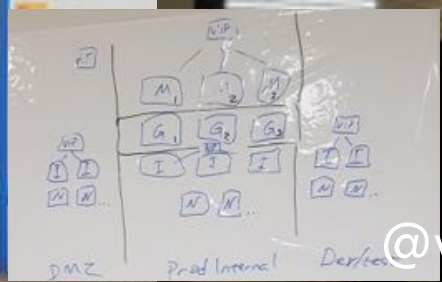


A modern, open-plan office space with people working at tables, whiteboards, and a kitchen area. The office is brightly lit with overhead lights and has a clean, professional appearance. Several people are standing and talking in the center of the room, while others are seated at tables. There are whiteboards with sticky notes and diagrams, and a kitchen area with a table and chairs in the foreground. The overall atmosphere is collaborative and focused on innovation.

The Kitchen Built For Speed & Experimentation



Radiate Everything



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PROJECTION

Impact Mapping



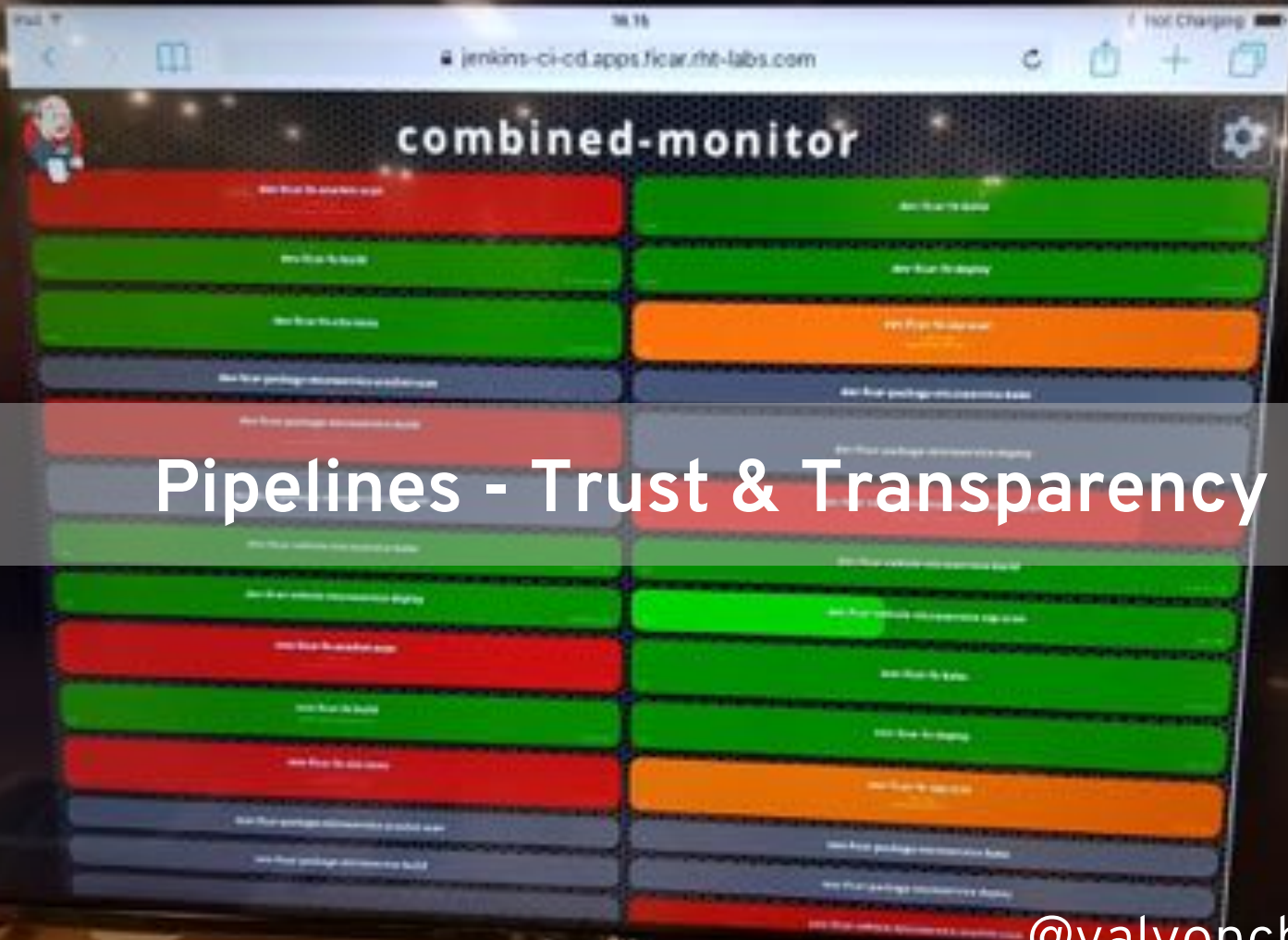
Priority Sliders





Social Contract

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Pipelines - Trust & Transparency



Team Retrospectives



Leadership sets the context

High performing teams are the result of
the context they operate in



A Bodge, not a Permanent Fix

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<https://openpracticelibrary.com/>



The Open Practice Library is a community-driven repository of practices and tools. These are shared by people currently using them day-to-day for people looking to be inspired with new ideas and experience.

To help navigate the Library, all practices can be visualised on a canvas based on the [Outcome Delivery](#) framework which has three parts:

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Open Innovation Labs CI/CD

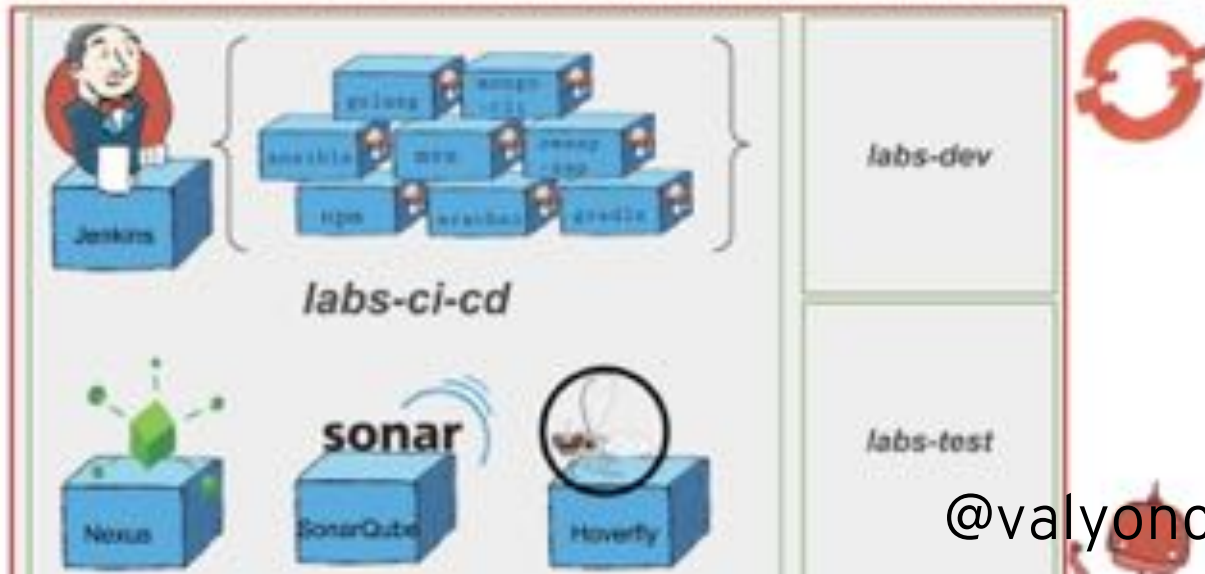
What's in the box?

<https://github.com/rht-labs/labs-ci-cd>

This project is an Ansible inventory for loading an OpenShift cluster with some frequently used projects, apps and tools on a Red Hat Open Innovation Lab residences. Using the `openshift-appLier`, cluster content is loaded from templates and param files in a repeatable, config-as-code way.

Running this Ansible inventory will first create three project namespaces: `labs-ci-cd`, `labs-dev` and `labs-test`. Subsequently it will create a bunch of commonly used `ci-cd-tools` such as Jenkins, Nexus and Sonar. It will also create a collection of `jenkins-slaves` that can be used in builds such as `rpm`, `neven` and `galang` to name a few. Apps can be added also by applying their `Jenkinsfile` as a `buildConfig` with an example (`java-app`) is included as a reference.

The diagram below shows the components that get created by running the playbook's `bootstrap` and `tools` inventories.



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<https://rht-labs.github.io/enablement-docs/#/>

DevOps Culture & Practice

Red Hat Open Innovation Labs Enablement Material. Preparing Engineers, consultants and TSMs with all the cultural and engineering practices for life in a Residency.



This is a collection of practices and exercises to take a learner through a four day simulated residency experience. Learners can expect to be exposed to labs practices such as [Event Storming](#), [Social Contract](#) and [Intract Mapping](#) among many more which can be found in our [Practice Library](#). Learners will also be exposed to Labs: CI/CD - how we use OpenShift & Ansible in conjunction with Jenkins to automate build and deployment of a sample todoist application and its required infrastructure.

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Type to search

Red Hat Open Innovation Labs Exercises

Name

Learner Outcomes

Learner pre-requisites

Git and Containers 101

Setup your IDE

The Practices

1. The Manual Menace

2. Attack of the Pipelines

3. Revenge of the Automated
Testing

4. An Enslaved Hope

5. The Non-Functionals Strike
Back

6. Return of the Monitoring

7. The Cluster Awakens

8. The Last Unicorn Dev

Trojan Cluster: A Setup Guide

Want to build something with us?

Visit our booth or <http://red.ht/labs>

Or really build something with us, we are hiring <http://red.ht/jobs> (search for Open Innovation Labs)

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