IBM/Red Hat/Fedora Leftovers

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Created 19/08/2020 - 4:29pm
Submitted by Roy Schestowitz on Wednesday 19th of August 2020 04:29:56 PM Filed under Red Hat [1]

• Code@Think video: Modernize your infrastructure with Kubernetes and IBM Cloud Pak for Applications on IBM Z[2]

Back in May, I participated in IBM Think Digital 2020 with my colleague Filipe Miranda to present a Master Class titled ?Modernizing Your Infrastructure with Kubernetes and ICPA on IBM Z.?

In this 93-minute video, I kick things off by giving a quick tour of IBM Z and then dive into current options available for Kubernetes on Linux on IBM Z and LinuxONE, including Kubic from SUSE, Canonical distribution of Kubernetes, Red Hat OpenShift, and other deployments supported by IBM partners and community. I wrap up by demonstrating how you?d run a simple nginx deployment from a Dockerfile on OpenShift running on IBM Z.

• OpenShift 101: Introduction, architecture, and operators [3]

Red Hat OpenShift is an open source container application platform that runs on Red Hat Enterprise Linux CoreOS (RHCOS) and is built on top of Kubernetes. It takes care of integrated scaling, monitoring, logging, and metering functions. With OpenShift, you can do anything that you can do on Kubernetes and much more with OpenShift-specific features.

OpenShift includes everything you need for hybrid cloud, like a container runtime, networking, monitoring, container registry, authentication, and authorization. I explain how OpenShift can do all of that by introducing its architecture and components.

• Fedora 33 LTO Support Is Now In Good Shape For Faster, Smaller Packages[4]

Fedora's plans to make use of link-time optimizations (LTO) by default with the GCC
compiler when building Fedora 33 packages is looking like it will successfully pan out.

Thanks to the upstream GCC support being in quite good shape these days for LTO'ing software due to the upstream work done by SUSE, Red Hat, and others, Fedora 33 should join the likes of openSUSE employing LTO when building their packages. Fedora developers have been working through issues when enabling LTO optimizations while now they have it under control and at least have the list of packages sorted out for the time being to skip in applying link-time optimizations until the bugs in the package or upstream compiler shortcomings are sorted out.

Fedora Involvement [5]

I’m Fedora Test days greatest armchair quarterback and my first task has been understanding the communication channels between key players.

I spent a minimal time attending Nest, and took away some bullet points: Resilience and Newspeak. Resilience is encouraging while Newspeak is worrisome.

Red Hat

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