

# Red Hat, IBM and Fedora's Kernel

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- [CodeReady Workspaces devfile, demystified](#) [3]

With the exciting advent of CodeReady Workspaces (CRW) 2.0 comes some important changes. Based on the upstream project Eclipse Che 7, CRW brings even more of the "Infrastructure as Code" idea to fruition. Workspaces mimic the environment of a PC, an operating system, programming language support, the tools needed, and an editor. The real power comes by defining a workspace using a YAML file—a text file that can be stored and versioned in a source control system such as Git. This file, called `devfile.yaml`, is powerful and complex. This article will attempt to demystify the devfile.

- [Building freely distributed containers with Podman and Red Hat UBI](#) [4]

DevNation tech talks are hosted by the Red Hat technologists who create our products. These sessions include real solutions and code and sample projects to help you get started. In this talk, you'll learn about building containers with Podman and Red Hat Universal Base Image (UBI) from Scott McCarty and Burr Sutter.

We will cover how to build and run containers based on UBI using just your regular user account—no daemon, no root, no fuss. Finally, we will order the de-resolution of all of our containers with a really cool command. After this talk, you will have new tools at the ready to help you find, run, build, and share container images.

- [Backfitting SLES 12 for IBM z15 ? It's in Our DNA](#) [5]

For 20 years, SUSE has partnered with IBM to advance Linux on Z. From the early days of the IBM Linux Tech Center to an elaborate open source ecosystem, you might say that supporting IBM Z is part of our DNA.

Several months ago, SUSE included support for the newly announced IBM z15 and IBM LinuxONE III systems as part of SLES 15. Now, with SUSE Linux Enterprise Server for IBM Z and LinuxONE 12 SP5, we are backfitting all the latest IBM Z support for pervasive encryption and more.

The latest IBM z15 system is designed to support your mission-critical initiatives and allow you to be innovative as you design and scale your environment. Combined with SUSE Linux Enterprise Server for IBM Z and LinuxONE, these state-of-the-art systems provide an ultra-secure data serving platform to support the global economic growth we are seeing today.



#### [Contribute at the Fedora Test Week for Kernel 5.4](#) [6]

The kernel team is working on final integration for kernel 5.4. This version was just recently released, and will arrive soon in Fedora. This version has many security fixes included. As a result, the Fedora kernel and QA teams have organized a test week from Monday, December 09, 2019 through Monday, December 16, 2019. Refer to the wiki page for links to the test images you'll need to participate. Read below for details.

#### [Red Hat SUSE](#)

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**Source URL:** <http://www.tuxmachines.org/node/131464>

#### **Links:**

[1] <http://www.tuxmachines.org/taxonomy/term/142>

[2] <http://www.tuxmachines.org/taxonomy/term/117>

[3] <https://developers.redhat.com/blog/2019/12/09/codeready-workspaces-devfile-demystified/>

[4] <https://developers.redhat.com/blog/2019/12/09/building-freely-distributed-containers-with-podman-and-red-hat-ubi/>

[5] <https://www.suse.com/c/backfitting-sles-12-for-ibm-z15-its-in-our-dna/>

[6] <https://fedoramagazine.org/contribute-at-the-fedora-test-week-for-kernel-5-4/>