IBM Z and LinuxONE (s390x)

The enterprise platform for mission-critical applications brings next-level data privacy, security, and resiliency to your hybrid multi-cloud.

https://www.ibm.com/it-infrastructure/z

- Extraordinary Reliability
- Low Latency
- Familiar User and Developer Experience
- Dedicated CPU Architecture (z/Architecture)
- Used by 67 of the Fortune 100 Companies

Most Linux distributions available, IBM offers support for:
- Red Hat Enterprise Linux
- Ubuntu
- Enterprise SUSE

IBM Z and LinuxONE Open-Source Software Ecosystem

IBM Z and LinuxONE has a strong open source ecosystem.

PyTorch on IBM Z and LinuxONE

Minimum PyTorch prebuilt package ready: https://codait.github.io/pytorch-on-z

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PyTorch Ecosystem Day

IBM LinuxONE

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- IBM Z where you can collocate different operating system (z/OS, z/VM, z/VSE, z/TPF, Linux)
- IBM LinuxONE designed and optimized exclusively to run on GNU/Linux

We need PyTorch in this Ecosystem!

Future Plan

- Make more PyTorch features available on IBM Z and LinuxONE
- Establish a public CI on LinuxONE for PyTorch
- Optimization for z/Architecture
- Have fun with IBM LinuxONE at https://linuxone.cloud.marist.edu/#/register?flag=VM