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Solving Problems in HPC with Singularity

Tuesday, June 4, 2019 11:00 AM (45 minutes)

The Singularity container runtime has become widely adopted as the de facto standard container platform for HPC workloads. At the beginning of 2018, Sylabs was founded to further HPC innovation by driving Singularity development. This talk will explore some of the ways in which the Singularity community and Sylabs are helping to solve problems in the HPC space, with a focus on the efforts of streamlining CVMFS usage with containers.

About the speaker

Michael Bauer first began working with containers at GSI national lab in Darmstadt, Germany, in 2017 while taking a semester off of school at the University of Michigan. Michael met Greg Kurtzer, project lead of Singularity, during his time at GSI and he began contributing heavily to the Singularity project. At the start of summer 2017, Greg hired Michael to work at the Silicon Valley startup RStor, where he continued to work on the Singularity container technology. After 6 months at RStor, the Singularity team left RStor to create their own company, SyLabs, Inc., where Michael, Greg and several other developers now work full time on developing Singularity.

Presenter: BAUER, Michael (Sylabs)

Session Classification: Technology Outlook