

Scheduling

‚Container in HPC Workshop 101‘

Christian Kniep, NeIC'22

Goal

What do we want to achieve?

1. We are going to run a native MPI application
2. ... and a containerized one using Sarus

Conclusion

What did we learn

1. HPC Engines are blending in with how HPC sites are doing business, also in terms of Scheduling
2. The SysAdmin is (most likely/hopefully) doing the heavy lifting in terms of configuration
3. HPC Engines and Schedulers (together with PMIx) are trying to play nice
4. A container needs to blend in to some MPI mechanism, which might be a bit site/system specific.