

# Hands-on Environment Intro and Access

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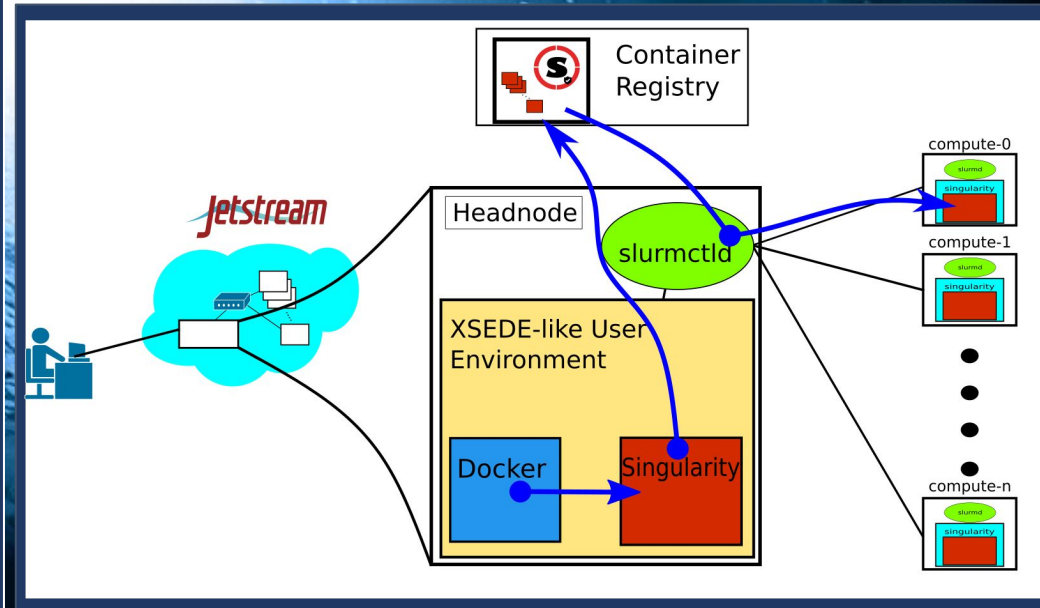


Supported by OAC 15-48562.

# XSEDE

# What we're going to do:

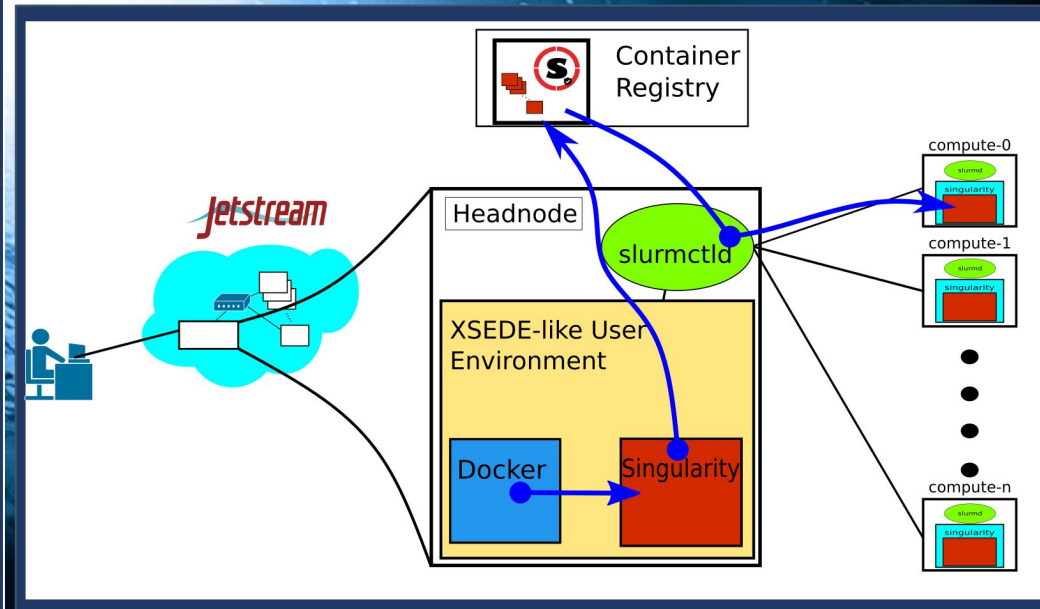
- A: Get access to the environment
- B: Take a Dockerfile, build it into an image
- C: Convert that image into a Singularity image (SIF file)
- D: Run a job on an HPC system using that container



# XSEDE

# Ex1, Part A: Environment Access

- Virtual Cluster environment on Jetstream
- Docker, Singularity, Lmod, and Slurm
- SSH Credentials distributed via email
- ASK IN CHAT if you do not have these!
- Hands-on participants only



# XSEDE

Link to Exercise materials:

[https://github.com/XSEDE/Container\\_Tutorial/tree/main/SC21](https://github.com/XSEDE/Container_Tutorial/tree/main/SC21)



**XSEDE**