

Singularity

- Lawrence Berkeley Lab container implementation
- No isolation from old file system
- Can build new images (with root access)
- Runs existing docker images (without root)
- Moderately well developed



Shifter



- NERSC container implementation
- No isolation from old file system
- Environment passed through
- Cannot build new images, just run existing ones
- Runs docker images
- Works but no clear error messages yet