

Singularity news

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WLCG Containers WG Meeting

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Singularity news since last meeting

- singularity-2.6.0 released, EPEL release includes underlay
- singularity-3.0.0 released upstream
 - Prematurely, in my opinion
 - Don't plan to release this one in EPEL
 - May build for epel-testing if there's enough demand
 - As far as I know we don't need any of the new features
 - Would include at least patch for colons in image path name
 - No runtime subrpm needed anymore, considering an unpriv subrpm
 - I have had 20 3.0.x PRs merged, helping to stabilize for our use
 - It's in pretty decent shape as far as I know but it will undoubtedly still have a lot of bugs since it's practically all rewritten from scratch
- RHEL 7.6 Beta released with full support for unprivileged namespaces
- Security review application submitted, likely 1st half of 2019

Container repositories

- singularity.opensciencegrid.org repository
 - In Nebraska, managed by OSG operations
 - Associates docker images with paths in the cvmfs repo, automatically updates
 - Better infrastructure efficiency than storing images in individual VO repositories
- CERN is looking at setting up a similar service
- EGI will surely need one, but I don't know if anybody is looking at it