



ALICE consideration - Linux future on the Grid

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Summary

- Grid operation relies predominantly on CentOS {6,7,8} containers for now
 - Either purpose-built or generic
 - All are or will be in CVMFS
 - Should be fine with RHEL 8, *presumably* 9, any of their derivatives, plus others
 - Relies on sites running a compatible kernel and allowing containers to be run
 - At most sites, by default Singularity will first be tried from CVMFS, then a local installation and otherwise no container will be used for the user task
- The containerization should allow:
 - Sites to upgrade their OS at will
 - Many different OS flavours to be used
- Long-term backward compatibility might pose a concern eventually
 - Will CentOS 6 code still run on RHEL 10, 11, ...? How might it break?