

ARC AND GLITE INTEROPERABILITY IN ATLAS SITES

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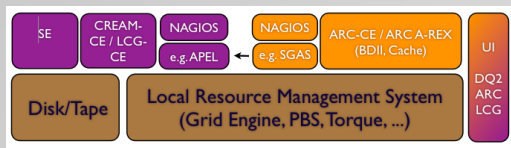
FOR THE ATLAS COLLABORATION

WHY ARC AND GLITE ON SAME LRMS

- FEED LOCAL RESOURCE MANAGEMENT SYSTEM (LRMS) FROM TWO GRIDS IN ORDER TO MAXIMIZE CLUSTER OCCUPANCY
- SERVE DIFFERENT COMMUNITIES NOT ALL USING THE SAME MIDDLEWARE
- HISTORICAL AND POLITICAL REASONS
- HARVEST THE BEST FROM BOTH MW FLAVORS

HOW

- GLITE CE AND ARC CE SERVING SAME LRMS



- COMMON OR SEPARATE APPLICATION SW SPACE. IN A COMMON SOLUTION CENTRAL SW INSTALLATION ON ARC CE JUST CREATES SETUP SCRIPTS USING THE SW INSTALLED VIA GLITE CE
- BOTH ARC CE AND GLITE CE CAN BE NAGIOS MONITORED
- FOR CONSISTENT REPORTING ARC ACCOUNTING CAN BE INSERTED INTO THE GLITE ACCOUNTING
- ARC CE COMES WITH BDII BASED INFORMATION SYSTEM
- ATLAS DISTRIBUTED DATA MANAGEMENT, ARC AND GLITE CLIENTS CAN COEXIST ON THE SAME USER INTERFACE
- COMMON POOL USERS CAN BE USED
- IN SUMMARY, AN ARC CE CAN BE A ONE NODE ADD-ON TO A GLITE SITE WITH ONE EXTRA CONFIGURATION FILE

WHO

- SEVERAL ATLAS SITES ARE DEPLOYING BOTH ARC CE AND GLITE CE (RED POINTS), SOME SINCE YEARS



- CSCS-LCG2, T2, LUGANO, SWITZERLAND
- SE-SNIC-T2, SWEDEN
- SIGNET, T2, LJUBLJANA, SLOVENIA
- ARNES, SLOVENIA, **NEW**
- UKI-SCOTGRID-GLASGOW, UNITED KINGDOM, **NEW**

STORAGE

- FOR BOTH ARC OR GLITE ONLY SITES AND DUAL SITES THE STORAGE SOLUTIONS ARE SIMILAR, TYPICALLY DPM, DCACHE OR STORM

