



CASTOR (and SRM 😊)

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CASTOR deployment (beyond CERN)

- 4 T1 involved (ASGC, CNAF, PIC, RAL)
 - Any T2? For which use?
 - Heterogeneous CASTOR experience and setup
 - ASGC migrating (?) from CASTOR v.1 to v.2
 - CNAF migrated from CASTOR v.1 to v.2 (last Fall)
 - It was not that easy!
 - PIC still with CASTOR v.1
 - RAL started with CASTOR v.2
 - Different versions deployed at different sites
 - Strong support from CERN
- Also considering (or having considered) [other|mixed] solutions (e.g. dCache, StoRM with GPFS)



SRM 2.2 deployment

- Of course up to now only v1 SRM in production
- Tier1s should upgrade to SRM 2.2 end of Q1 to be ready for production next May
 - No major issues foreseen for the installation (except maybe for the time scale ☺)
- RAL and CERN (still) actively working on srm 2.2 interface for CASTOR
 - A CR should be available end of this month
 - Tests on-going at CERN and RAL
 - At CNAF we are ready for testing
 - A new stager instance already installed on purpose
 - Still some configuration issues to be solved
 - Any other SRM 2.2 test endpoint for CASTOR ?



Storage classes implementation (at CNAF)

- Disk0Tape1 will be (naturally!) CASTOR
 - Input buffer for raw data from CERN
- Disk1tape1 will be (probably!) CASTOR
 - Buffer for data transfers to and from T1s and T2s
- Disk1tape0: also investigating GPFS/StoRM
 - Open issue: efficiency of data moving to and from CASTOR (or a different system of *backup*)
 - More tests needed (soon!)