

# ADC Problems for AMI

- **AKTR**
  - Database structure should be reviewed
  - Transactional model ? Massive updates have been observed
  - Incoherences (see extra slides)
- **General ADC problem**
  - Finite state diagram for dataset states doesn't exist.
  - Lack of documentation (reverse engineering is painful)
  - Sometimes our work has been duplicated
- **DQ2**
  - Synchronisation needs ActiveMQ in production

# Software project problems

- **Validation of metadata.xml**
  - Validation of metadata output is not part of release validation, and it should be
- **Problems of transforms**
  - Who is going to replace Alvin Tan

# Container incoherence example

- Task 73194, marked "finished" in AKTR 2010-04-22 11:03:54.0 (actually was probably finished on 2009-07-16 09:44:24)
- All containers are empty.
  - data09\_cos.00121238.physics\_RPCwBeam.recon.TAG\_COMM.r733/
  - data09\_cos.00121238.physics\_RPCwBeam.recon.NTUP\_MUONCALIB.r733/
  - data09\_cos.00121238.physics\_RPCwBeam.recon.ESD.r733/
  - data09\_cos.00121238.physics\_RPCwBeam.recon.AOD.r733/
  - data09\_cos.00121238.physics\_RPCwBeam.recon.log.r733/
  - data09\_cos.00121238.physics\_RPCwBeam.recon.HIST.r733/
- But the TID datasets exist in DQ2 (i.e. the data is not deleted)
- Example :  
data09\_cos.00121238.physics\_RPCwBeam.recon.TAG\_COMM.r733\_tid073194 (3827 files)