Direct I/O support by Athena/AthenaMP and Job Transforms

- In late 2015 it was reported that AthenaMP cannot work with remote inputs

- Two issues here:
  1. **XRootD** access did not work in AthenaMP because **Frontier client was shutting down and cleaning up SSL connections** in the master. As a result workers could not reopen the inputs after fork.
     Fixed: Frontier Client 2.8.18, part of LCG 81e, **in 20.7.6.X since July 2016**

     - More details on **JIRA: ATEAM-226** and **FTAPPDEVEL-94**
  2. **DCAP & HTTPS** access did not work due to lack of support in **Gaudi.**
     Fixed: Simple fix in GaudiMP, available since **February 2016**

- We are not aware of any other issues related to direct I/O either in Athena/AthenaMP or in Job Transforms

- **If something does not work please let us know!**
  JIRA ticket in the **ATEAM** project, or an email to **atlas-sw-core@cern.ch**