



March release



Prerequisites

Components

Procedures and documentation

Open questions



Prerequisites



- System : CERN Linux Redhat 7.3.3
- Compiler : GCC 3.2.3
- Java : 1.4.1 take from Asis
- Xerces : 2.3.x
- Log4cplus : 1.0.1
- Mysql database: ???
- CMS offline version ??? (for Filter)



Components



- XDAQ core framework
 - transports: TCP, Fifo, SOAP
- ATCP transport
- EVB
 - full with interface skeletons for RUI and TA
 - FU interface package
 - fullDemo as example without real data
- Filter
 - CMS offline infrastructure for configuration
 - COSINE release
 - includes dummy Filter



...components



- RunControl
- Job Control (is an XDAQ application)
- HAL
- SBS driver for HAL (adapted for CERN Linux)
- itools: Fedkit and generic pci driver
- Dstore (ECAL relies on it)



Procedures and documentation



- **Install procedures**
 - XDAQ has a tar ball containing also binaries
 - tgz packages with install scripts (must be “fail-save” for CERN Linux distribution)
 - tar ball and anonymous cvs checkout should be possible
- **Install documentation (getting started for snapshot)**
 - One document with a step by step procedure
 - As short as possible (no explanations, just instructions)
 - if possible: no need to read the whole documents before install. Step by step “read and execute”
- **Component documentation**



Open Questions



- **How to deal with compiler ?**
 - all packages should use the same scheme
 - environment variables for CXX and CC?
 - would be easy to change once a reasonable compiler becomes default.
 - how to deal with LD_LIBRARY_PATH
 - setup-script to configure it (together with XDAQ-ROOT and everything else)?
 - just document the needed environment variables?
- **When do we freeze** the packages in order to try them out
 - end of 1st march week?