

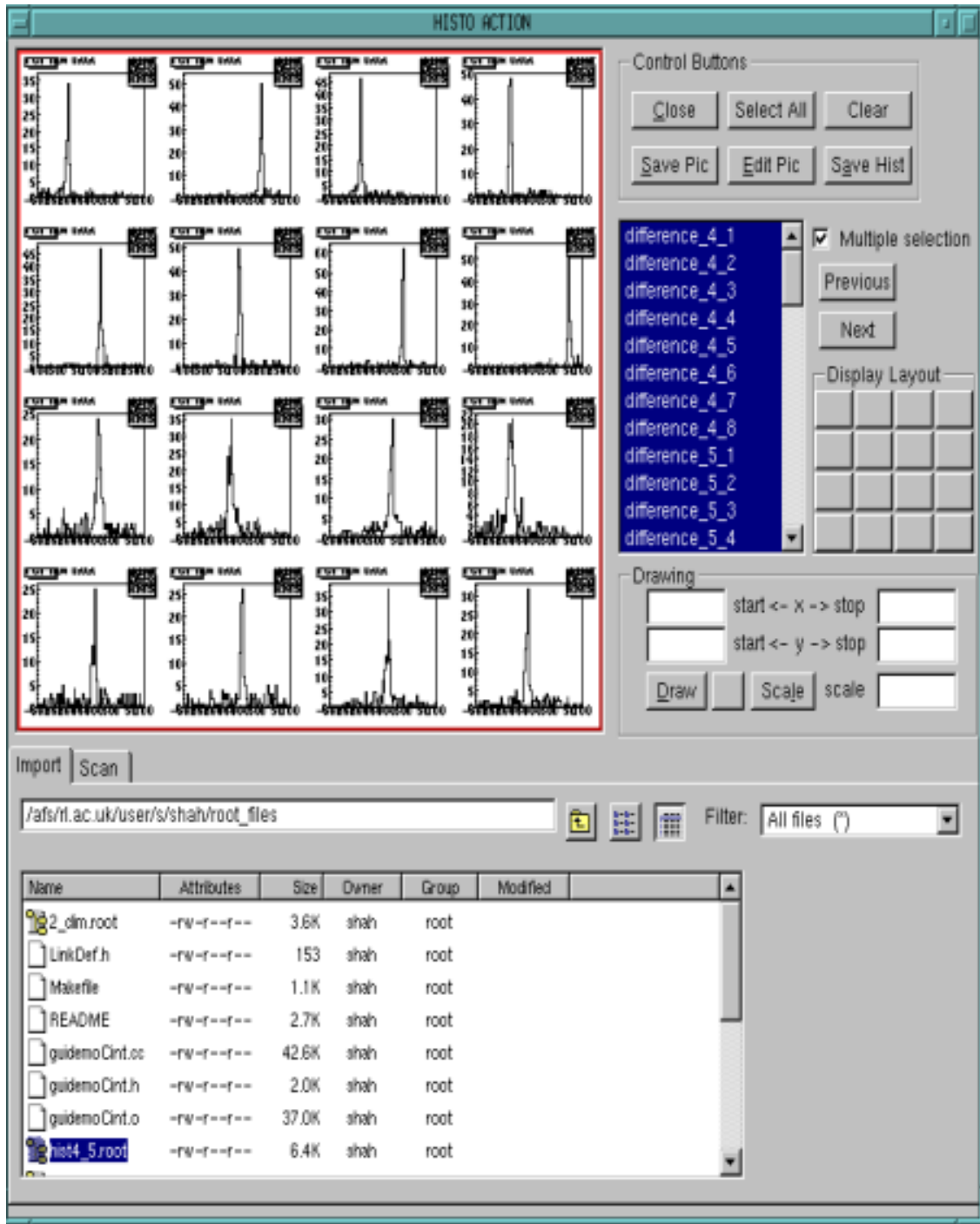
ROOT in DAQ

- **Use of Frameworks considered a “good thing” !**
 - Allow use of proven software
 - Provide “semi-complete” applications that can be specialised to custom ones
 - Targeted to specific needs of a given community
 - Allow rapid prototyping
- **Advantages of using the ROOT Framework**
 - Designed with HEP in mind
 - Large number of Classes
 - Histogram and Minimization
 - Tree and Ntuple
 - Container
 - Networking
 - GUI
 - etc etc

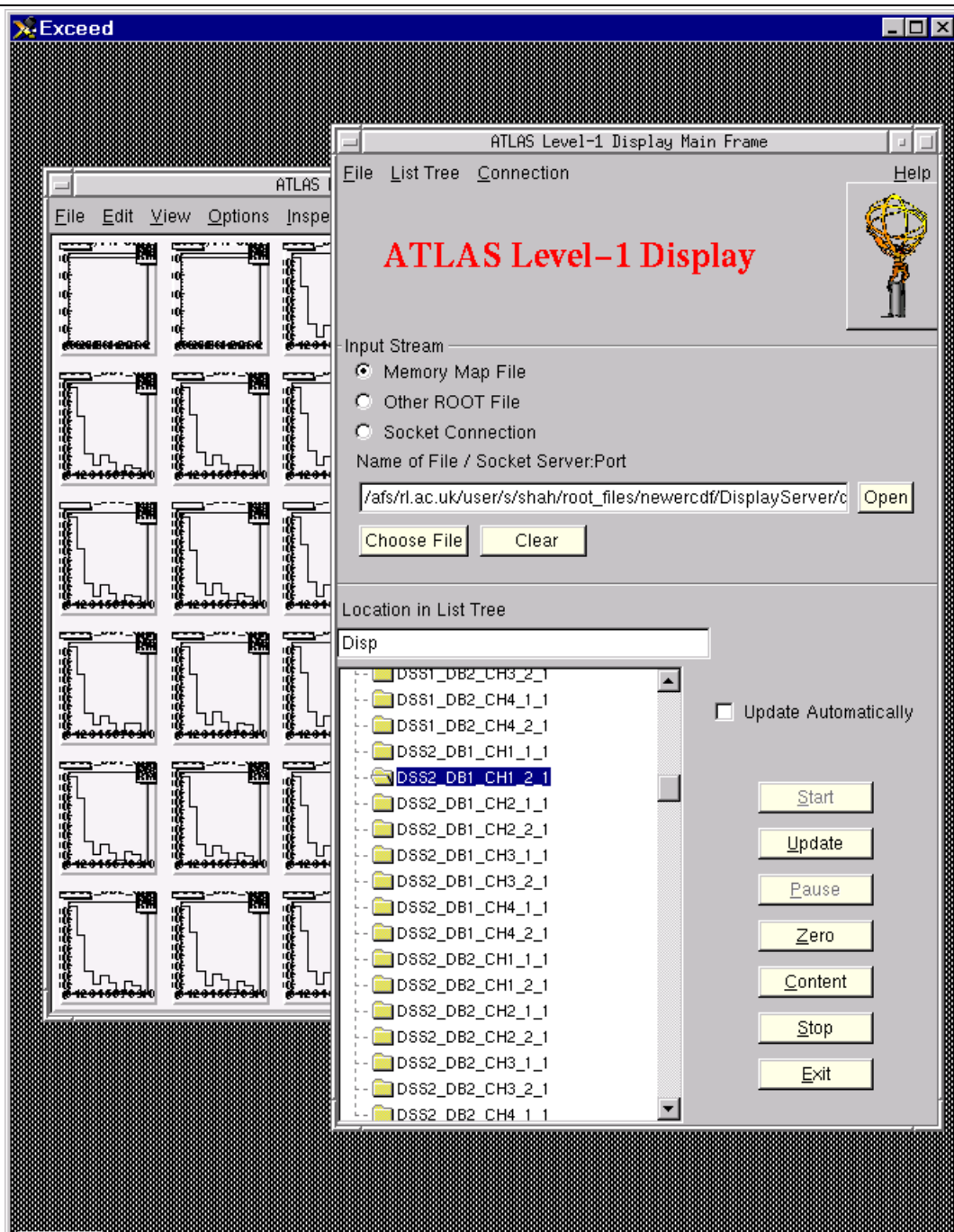
DAQ usage of ROOT ?

- The “old” DAQ (non-OO) must give way to new (OO) based DAQ
- Have chosen evolutionary rather than revolutionary path
- In the DAQ group we propose to use ROOT (initially at least !) for
 - Histogram Classes
 - Networking Classes
 - GUI Classes

GUI Example



Evolving version



The Browser example

