Storing of ECAL configurations
Daniel's thoughts (16/04)

- configuration consists of

    one CalXml file   (I just found Frederic's nice CalXml document)

    one or more ASCII *ROC configuration files

- one (or more) such configurations per run

    my feeling is that exactly one configuration per run simplifies situation

- there are several scenarios in which we need to recall the configuration

Proposal:

Keep configurations with the data

    A) write xml, ascii files into same local directory as raw data

    B) run header of LCIO file (~assumes 1 config / run)
       some time after data taking

    C) conditions database
       obvious place is the calice conditions database (based on ilcsoft tools)
       e.g. at same time as (B)

In this way,
    - conditions are always saved together with data
    - conditions can be recalled without need to access to data

For immediate access from DAQ machine (e.g. "use config from last run"),
    access copy (A) : no reliance on external network, database servers, ...

When using config data when running over data e.g. data calibration, reconstruction, ...
    access copy (B) : no reliance on external network, database servers, ...

When accessing from non-DAQ machine, without run data,
    access copy (C) : no need to copy/access run data