Requirements for the C++ (mini)version of ALPHA

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- The system should be able to write banks (taken from an EDIR file) to an Objectivity (Objty) database (C+E+S banklists)
- The system should be able to write the banks of an Objty database to an EPIO file
- The system should allow for selecting of / browsing over specific **runs** (the user should not have to know anything about the detailed structure of the database)
- The run header information should contain database information such as run quality, luminosity, LEP energy etc., in order to become independent of the ADBSCONS database
- The system should allow for selecting of / browsing over specific **events**, where the event header information should contain the class bits to accelerate the selection
- The system should allow for selecting of / browsing over specific **objects** such as **EFLOW objects, tracks, calorimeter objects**
- The database should contain **tag** objects to be browsed over
- The system should allow for selection of events according to specific preselections (e.g. EW)
- The system should allow for locking objects
- The system should offer analysis utilities such as jet finding, event shape variable calculation, b-tagging, V0 finding, dE/dx
- The system should offer 4-vector manipulations
- The system should offer separate banks which contain only 4-vector information

- The database should contain also banks with MC truth information
- The system should offer an interactive session, to be used in connection with DALI