

Progress on registration tools

J.H Kim¹

¹High Energy Physics Team
KISTI, Daejeon, Korea

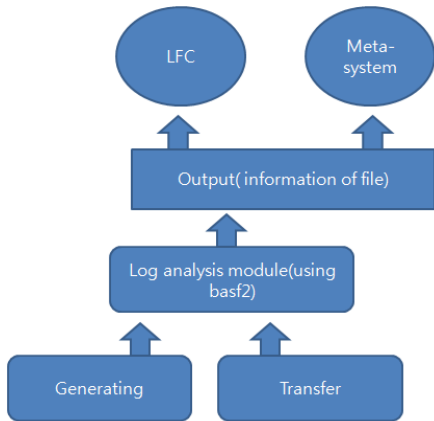
DH meeting, 2011.08.04

Overview

- 1 Registration system
- 2 Summary and Next step

1 Workflow of registration tool

- We want to make the automatic registration tools.
- We don't have understanding for basf2.
- We move the development from basf2 to basf.
- We will offer the extraction information to LFC and registration toolkit.



Workflow of registration

- * We installed the belle library(b20090127_0910).
- * We started to get the information with bbsview.
- * However, we can't get the starting event, end event and so on with bbsview.
- * We need to read all event per file.

```

*** Record number = -1U ***
BELLE_FILE_SPECIFICATION ( 15) BELLE_NOMINAL_BEAM ( )
BELLE_RUNNHEAD ( 1) BELLE_VERSION ( 1) GSIM_OUTS ( 1) GSIM_KINE ( 1)
GSIM_PHYS ( 1) GSIM_RAND ( 1) NCTYPE ( )
----- Command -----
[[!aL [Dm (Load) [[!aP [Dm (Print) [[!aR [Dm (Rewind) [[!aS [D
a (Skip) [[!aG [Dm (Goto) [[!aQ [Dm (Quit) [[!aF [Dm (Format)
[[!mD [Dm (Dump)
Command: L
*** Record number = 2 ***
BELLE_EVENT ( 1) BGTL_INFO ( 1) DATTOF_TRGLD ( 1) EVTCLS_FLAG ( 1)
EVTCLS_FLAG2 ( 1) EVTCLS_HADRON_CHARGED ( 4) EVTCLS_HADRON_INF0
( 1) EVTCLS_HADRON_NEUTRAL ( 0) EVTCLS_HADRONIC_FLAG
( 1) EVTVTX_PRIMARY_VERTEX ( 1) EVTVTX_TRK ( 4)
GEN_HEPEVT ( 231) GEN_PAREVT ( 39) GEN_PAKVTX ( 6) GSIM_RAND ( 1)
L4_SUMMARY ( 1) NCTYPE ( 1) MDST_ACC ( 5) MDST_CHARGED ( 5)
MDST_ECL ( 34) MDST_ECL_AUX ( 34) MDST_ECL_CR ( 23) MDST_ECL_TRK ( 6)
MDST_EFC ( 20) MDST_EVENT_ADD ( 1) MDST_GAMMA ( 13)
MDST_KLM_CLUSTER ( 6) MDST_KLM_MU ( 5) MDST_KLM_MU_EX
( 5) MDST_MUID ( 5) MDST_P10 ( 6) MDST_SIM_ECL ( 34)
MDST_SIM_TRK ( 12) MDST_TOF ( 2) MDST_TRK ( 12) MDST_TRK_ADD ( 12)
MDST_TRK_FIT ( 22) MDST_VEE2 ( 1) RECCDC_TIMING ( 3)
----- Crate= 0, Event No.= 2 -----
----- Command -----
[[!aL [Dm (Load) [[!aP [Dm (Print) [[!aR [Dm (Rewind) [[!aS [D
a (Skip) [[!aG [Dm (Goto) [[!aQ [Dm (Quit) [[!aF [Dm (Format)
[[!mD [Dm (Dump)
Command: P BELLE_EVENT
Table: BELLE_EVENT (number of entities = 1)
-----
ID EXPMC EXPNO RUNNO EVTNOTRIGGER DATE TIME DETVERMAGFIEL EHER ELE
R PFIELD
-----
1 15.00
-----
BELLE_EVENT ( 1) BGTL_INFO ( 1) DATTOF_TRGLD ( 1) EVTCLS_FLAG ( 1)
EVTCLS_FLAG2 ( 1) EVTCLS_HADRON_CHARGED ( 4) EVTCLS_HADRON_INF0
( 1) EVTCLS_HADRON_NEUTRAL ( 0) EVTCLS_HADRONIC_FLAG
( 1) EVTVTX_PRIMARY_VERTEX ( 1) EVTVTX_TRK ( 4)
GEN_HEPEVT ( 231) GEN_PAREVT ( 39) GEN_PAKVTX ( 6) GSIM_RAND ( 1)
L4_SUMMARY ( 1) NCTYPE ( 1) MDST_ACC ( 5) MDST_CHARGED ( 5)
MDST_ECL ( 34) MDST_ECL_AUX ( 34) MDST_ECL_CR ( 23) MDST_ECL_TRK ( 6)
MDST_EFC ( 20) MDST_EVENT_ADD ( 1) MDST_GAMMA ( 13)
MDST_KLM_CLUSTER ( 6) MDST_KLM_MU ( 5) MDST_KLM_MU_EX
( 5) MDST_MUID ( 5) MDST_P10 ( 6) MDST_SIM_ECL ( 34)
MDST_SIM_TRK ( 12) MDST_TOF ( 2) MDST_TRK ( 12) MDST_TRK_ADD ( 12)
MDST_TRK_FIT ( 22) MDST_VEE2 ( 1) RECCDC_TIMING ( 3)
1, 0-1 Top

```

Next Step and Summary

- We are developing the extraction and registration toolkit with basf.