

EvioToLcio

Synopsis

[Java Doc](#)

This class converts EVIO to LCIO, performing an LCSim job in the same session. The processed events are then (optionally) written to disk using an LCIOWriter.

Calls [LCSimEngRunEventBuilder](#) (extends LCSimTestRunEventBuilder, implements LCSimEventBuilder, ConditionsListener) to do the actual conversion of EVIO.

Input Collections Used

[EVIO file](#)

Settable Parameters

Command line parameters:

Usage:

- h Print the usage (these command line parameters)
- D define a steering file variable with format -Dname=value
- r interpret steering from -x argument as a resource instead of a file

- L log level (INFO, FINE, etc.)
- M use memory mapping instead of sequential reading
- R fixed run number which will override run numbers of input files
- b enable headless mode in which plots will not show
- d detector name (required)
- f text file containing a list of EVIO files
- l path of output LCIO file
- m set the max event buffer size
- n maximum number of events to process in the job
- t specify a conditions tag to use
- v print EVIO XML for each event
- x LCSim steering file for processing the LCIO events

Collections Added to Event

Depends on the drivers that are run.