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Subject: Re: Sorting objects

Posted by [Tobias Stockmanns](#) on Fri, 08 Jan 2016 16:36:44 GMT

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Dear Marcel,

what is your sorting parameter? TimeStamp? Is your data object (EmcCluster) derived from FairTimeStamp? If the answer is yes for all questions, than you can use the RingSorter. In addition I have written a MapSorter using std::map for sorting.

The output is a (TimeStamp) sorted data stream without an event structure. If you want to have them packaged into events you need to run an additional algorithm. There is a GapEventBuilder which looks for the time between two events and, if this is larger than a threshold, puts everything before in an event.

How are the links between your two branches done? FairLinks? Are this bidirectional links or single direction? From your sorted branch or from your unsorted branch? If it goes from your sorted branch to your unsorted one with FairLinks than they still hold.

Cheers,

Tobias

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