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BaBar simulation production - changes in CM2

Wednesday 15 February 2006 15:00 (20 minutes)

For the BaBar computing group:
Two years ago BaBar changed from using a database event storage technology to the use
of ROOT-files. This change drastically affected the simulation production within the
experiment, as well as the bookkeeping and the distribution of the data. Despite
these large changes to production, events were produced as needed and on time for
analysis. In fact the changes made the production the most efficient in BaBar's
history, and the easiest for production managers. The first production cycle within
this new computing model is now complete, and resulted in 2.9B events produced in
less than a year, and at 22 different computing sites. The changes to the production
system, the bookkeeping, and distribution systems will be discussed. The size and
scope of computing resources needed the last finished production cycle, and the
current cycle, will also be shown.

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