IMPLEMENTATION OF FAST HISTORY MECHANISM IN THE NSLS MICRO SUBSYSTEMS.

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In the NSLS control system, slow and fast history programs for data collection and retrieval, run at the high-level computers. The fast history collects data from the front-end control computers (micro subsytems) at 5 to 30 hz. rate in a ring buffer and dumps it to a file on request[1]. This has been proved to be a very useful diagnostic tool. The software for the micros has been upgraded to implement fast history at the front-end computers. This paper discusses the procedures for the specifications of the parameter list, the rates for data collection and the advantages of this approach.

[1]Y.N.Tang , J.D.Smith, Proc. PAC95, 2253