

Machine parameters management of CSNS accelerator

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Traditional machine parameters management just concerns about magnetic fields and is not conducive to management for a long time by text file . This paper will introduce the state of CSNS accelerator machine management. Based on the MySQL database, all the accelerator parameters are stored in the database and later used for machine recovery. In addition to the single point data, we also consider the array variables involved in the CSNS ring accelerator, which realizes the complete storage and provide the reliable operation of the machine.

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