

The LHCb data bookkeeping system

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The LHCb Bookkeeping is a system for the storage and retrieval of meta data associated with LHCb datasets. e.g. whether it is real or simulated data, which running period it is associated with, how it was processed and all the other relevant characteristics of the files.

The meta data are stored in an oracle database which is interrogated using services provided by the LHCb DIRAC3 infrastructure, that provides security, data streaming, and multi threading connections. Users can browse the Bookkeeping database through a command line interface or Graphical User Interface (GUI). The command line presents a view similar to a file system and the GUI is implemented on top of this.

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