



Proposal for a Data Model definition plan

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DM definition: why start now

- To be in time with computing model design work plan
 - **Data model and workload management designs are the two main subjects composing an HEP computing model lines. To be able to write the Computing TDR within a year we believe it is now the time to start**
- SuperB data model general lines need to be defined to permit collaborations with other institutions sharing our R&D themes to start
 - **European Grid Initiative (EMI) involved in WAN data access R&D project asks for a SuperB data model snapshot as required information to start working**
- Material collected during last Computing R&D WSs should be used before it becomes too old
 - **Distributed computing and storage sessions contains material of worth from HEP experiments and project groups need to be evaluated and make it match with SuperB specific requirements**

General proposal

- Solve the problem working on two sides
 - Clarify SuperB data model key subjects as:
 - Data acquisition
 - Data formats
 - Processing operations
 - Calibration and alignment
 - Data analysis use case
 - Collect, review and digest the materials coming from the Computing R&D WSs with the aim of organize a wide view scenario on Data Model elements fitting SuperB requirements
 - Work in progress in a presentation container

Data model survey

● We are proposing a survey covering the key subjects

- We would invite the csg group to answer the questions collected at the following wiki page. A useful deadline proposal is March 16th.

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mailman.fe.infn.it/superbwiki/index.php/Data_model_definition_survey

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- Materials by last “Data structure and process meeting”:
 - Data sheet review by S.Luitz and BaBar reuse presentation by D.Brown
 - <http://agenda.infn.it/conferenceDisplay.py?confId=4678>