Ganga layer for the SuperB analysis

Vincenzo Spinoso

Project

- TODAY: **get ASAP a plugin** which is:
  - Simple: make a piece quickly and go on to the next step
  - Usable: it should work with a real use case
  - Complete: every step of the chain works properly (data access, grid…)
- FUTURE:
  - Optimize each step of the chain
    - this fits with the need of waiting for developing pieces of software (data interface, info provider for the grid submission…)
    - Can take some time to re-design

Job preparation workflow [Arm]

- setTarball(<absPathTar>)
- showDatasets(<prodseries>)
- setDataset(<dataset_name>, [#evt])
- showOutputSite()
- setOutputSite()
- prepareSubmission()
- sbJobs()
- delJobs(<#job>,,,)

Working on

- getDatasetsByProd OK
- getSitesByDataset OK
- getFilesByDataset → not trivial to create queries
  - All file info in FastSim_Output
  - select runnum,prod_series from FastSim_Job where request_name=”<req>” -> OK
  - select * from FastSim_Output where runnum=”<runnum>" and prod_series=”<prod_series>” → this should be made through application, implementation will be really heavy to run

Step ahead

- Use all those methods to implement the plugin
  - Splitting based on input size (FastSim_Output)