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# SYNCAT - Storage Catalogue Consistency

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Born in the context of EMI (European Middleware Initiative), the SYNCAT project considers as its main purpose the incremental reduction of the divergence of the content of remote file catalogues, like the ones represented by LFC, the Grid Storage Elements and the experiments' private databases.
Aiming at giving ways for these remote systems to interact transparently in order to keep their file metadata synchronized, the SYNCAT project is a step towards improved coherence by coupling heterogeneous catalogues and Storage Elements in the Grid infrastructure.
Using standard messaging tools, a set of core libraries called SEMsg has been produced and integrated in a working prototype.
SEMsg has been integrated with LFC and DPM, in addition it was connected to the LHCb framework.
Currently we are working on the integration with other EMI storage elements. Deployment and packaging issues have been addressed and the components are now available for evaluation.

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