

ICAT and CRISP

CRISP WP 6B 1/2



MetaData Catalogue

- T1 Evaluate and adapt metadata catalogues according to the RIs requirements;
- T2 Prototype of data mining on metadata services;
- T3 Deploy and integrate metadata catalogues at each participating institute;

Metadata Catalogue :

Data mining ???



upgrade the vertical cold source towards diamond coating ?

A diamond coated cold source would be a lot better at long wavelength and slightly worse at short wavelength.

In this context it would naturally be interesting to see how much measuring time we spend at the various wavelengths at an instrument.

This would allow immediately to judge whether a diamond coated cold source would be good or bad for that instrument.

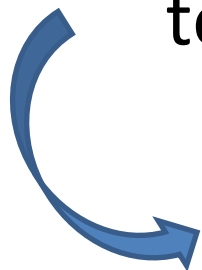
Metadata Catalogue :

Data mining ???



Use the catalogue to be better informed about the use of our machines so that we can optimize this use for the future.

Beyond simple statistics we would like to establish correlations (Is a long wavelength always coupled to low temperatures ? etc ...)



Data Mining tools integration into the metadata catalogue

Persistent Identifier for data

T4	Identify the PI system which best fits the needs of the partners;
T5	Elaborate a data publication process satisfying data policies of the participating RIs;
T6	Implement the persistent Identifier technology;
T7	Cooperate with the major publishers to ensure that publications, issued from data generated at the facilities, provide reference to the experimental data sets.

WP 6B 2/2 Objectives



- Seal the links between publication and data sets;
- Increase the number of publication that reference the Experiments;
- Standardize the publications references;
- Allow publication readers to easily access the data sets.