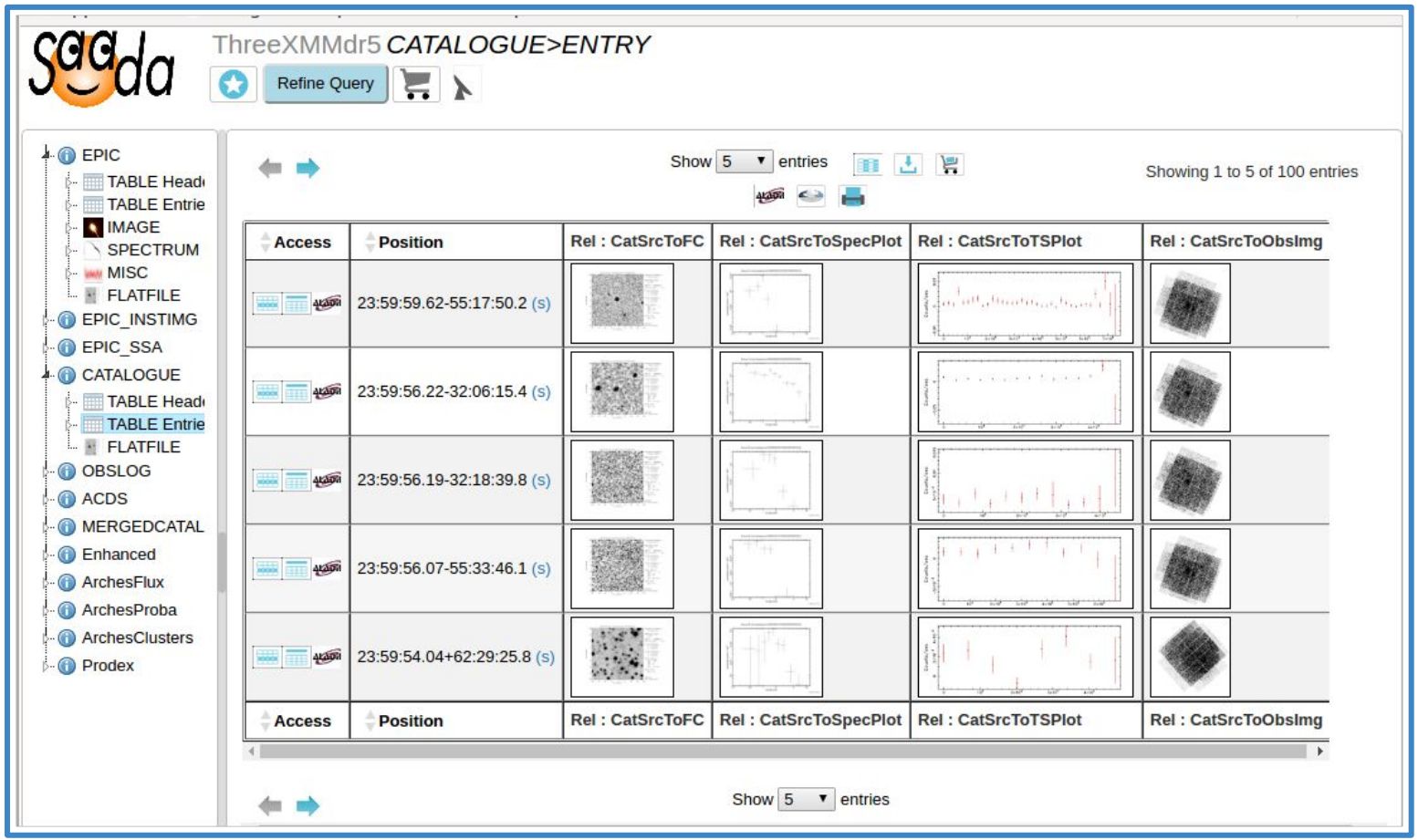
Starting point: **Mission Data Set - Messy Data Set**

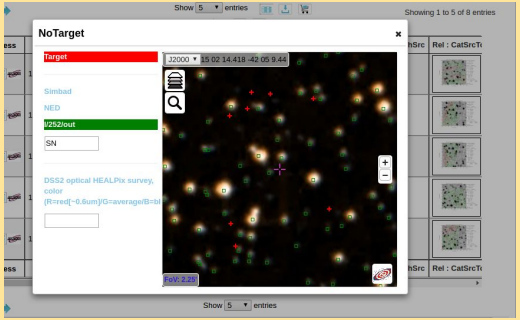
- **Messy Storage**
  - Multiple instruments
  - Multiple modes per instrument
  - Multiple data products per instrument/mode
  - Multiple types for those data sets
    - FITS, PDF, preview
  - Heterogeneous metadata
  - Released over long periods
    - 16 years for XMM
    - Data product evolution
- **Messy to Arrange**
  - Links between data products
    - FITS -> preview
    - PDF - > JPEG
  - Navigation path between data products
    - Following observation IDs
    - Following detection IDs
  - Released over long periods
    - 16 years for XMM

Target: **A Clear Data View**



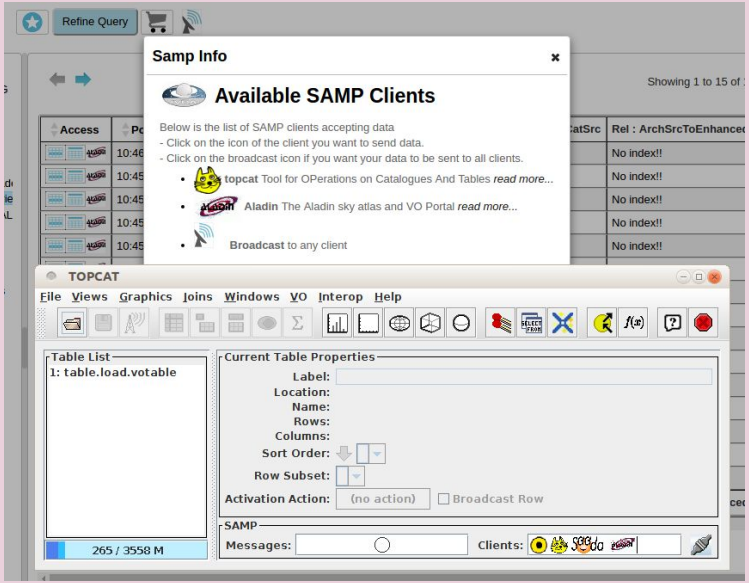
.... And More .....

Exploring Neighbourhood

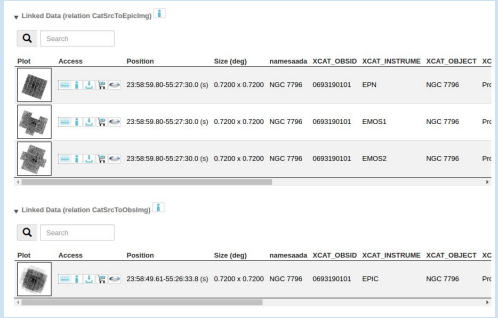


Complex Searches

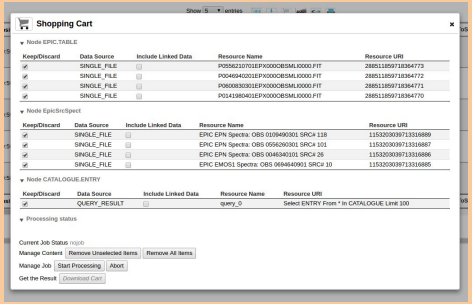
Being Samp Connected



Accessing Linked Data



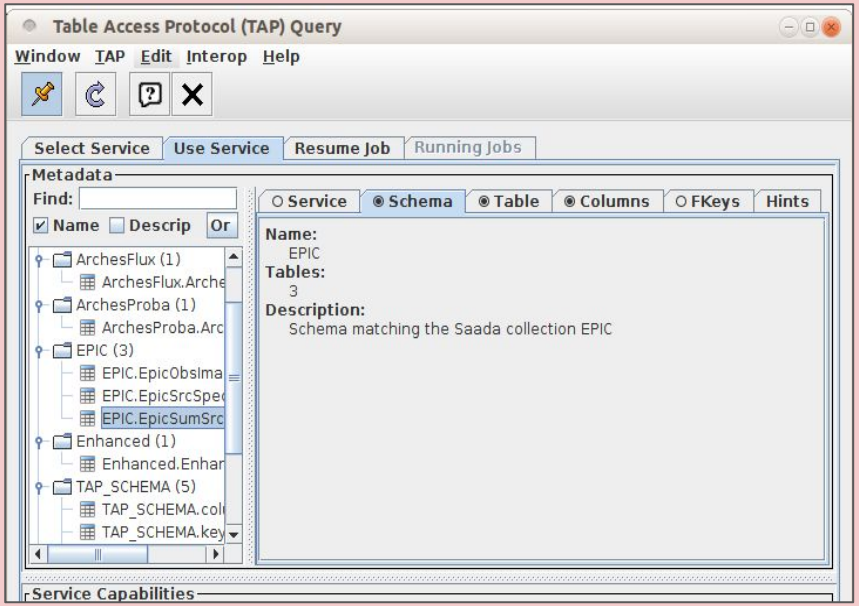
Picking up Data



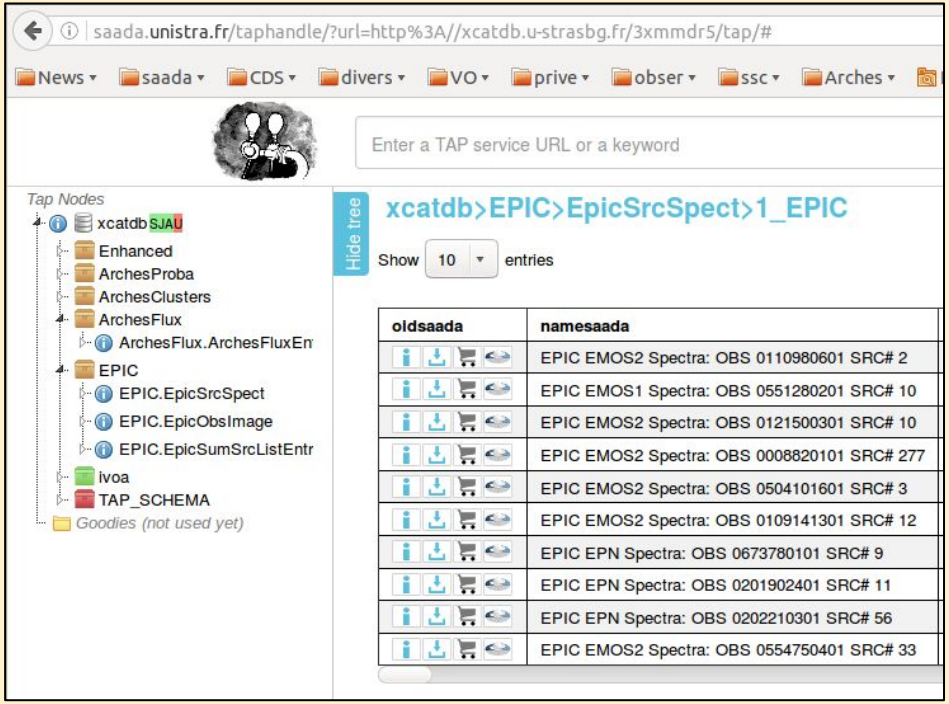
Being Interoperable

… and the VO

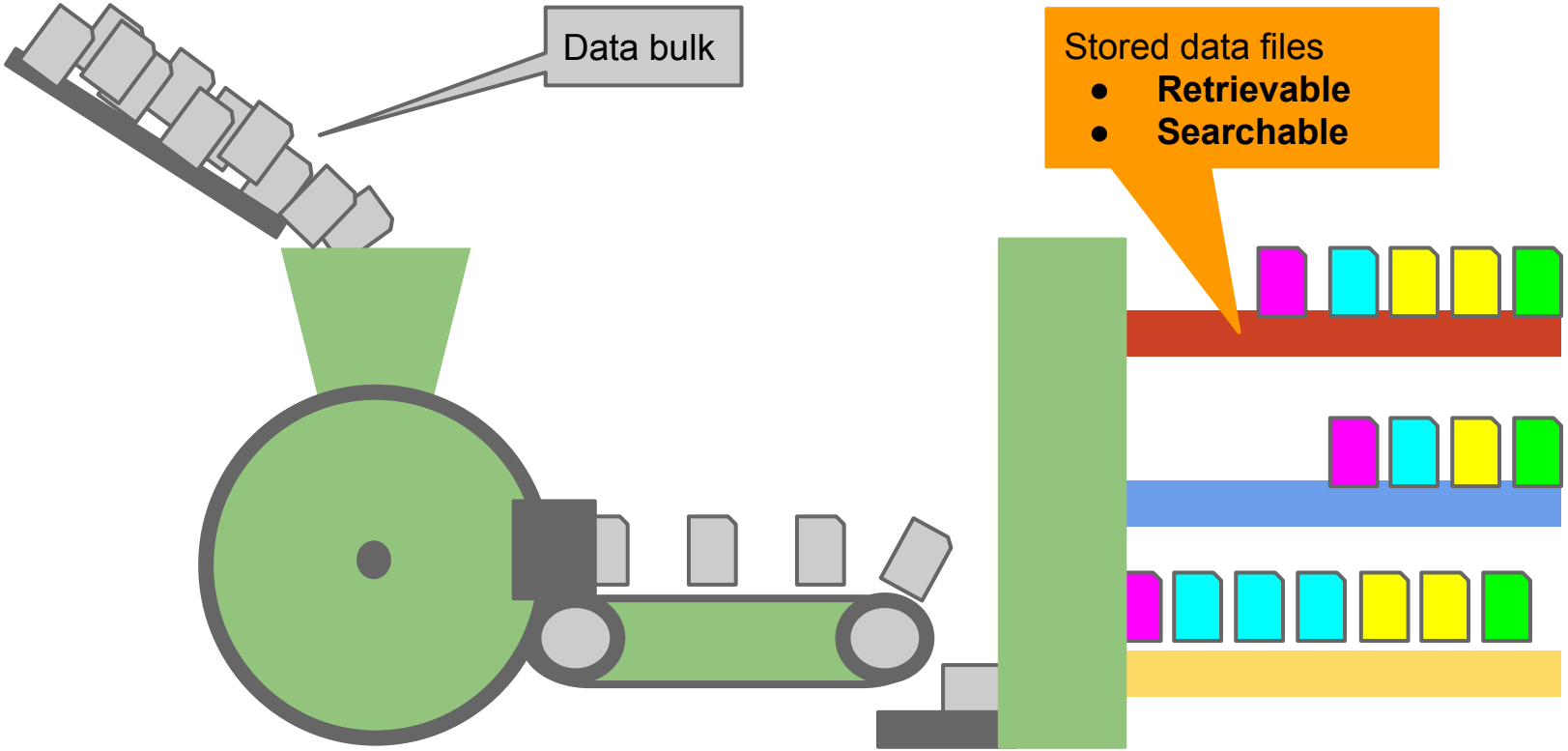
From Topcat



From TAPHandle



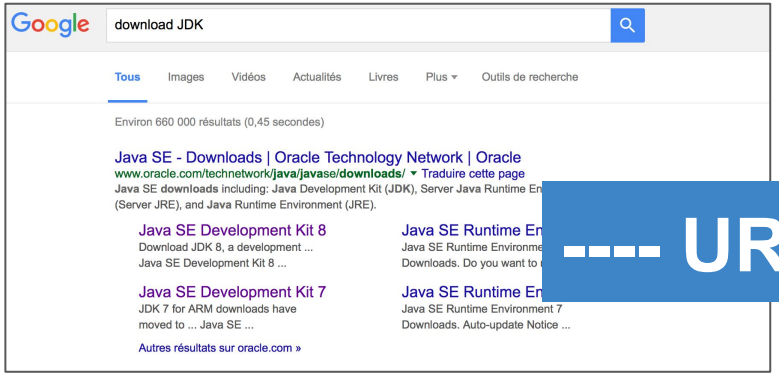
The Tool: **A Storing Machine**

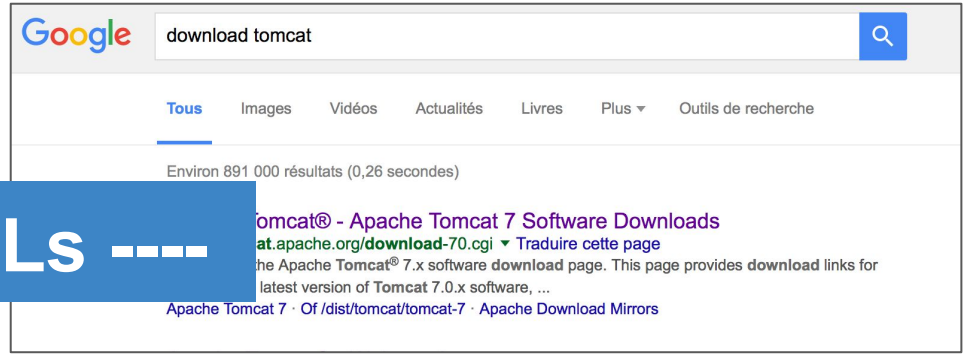


http://saada.unistra.fr

Getting Started

- Make sure ***Java JDK*** is running on your machine
- Create a *handson* directory
  - Create subdirs: *tomcat, saada, saadadb, repository* and *data*
- Install ***Tomcat*** in *handson/tomcat* to avoid permission issues
- Download ***Saada1.9.build1*** and install in *handson/saada*
- Download the data sample and extract it in *handson/data*





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