

# IT status and needs

WUO  
Data

Authentication & Authorization

# *The Visitors' Club (ILL's WUO)*

Most of the dreamed functionalities implemented BUT :

- 11 years old
- Many different code generation
- Many security patches
- Maintenance & evolution cost too high



Refurbishment

# *WUO refurbishment*

- Currently 100% Java code;
- Functional specification written, currently writing technical spec;
- Dev should start in autumn;
- We will keep the business code, but integrate it into a modern Dev Framework;
- NMI3: proposal forms standardization.
- Roughly 2 man-year of work.

# *Increasing the value of experimental data*

- ILL raw data is available online since 1973, immediately after the experiment
  - Is it really valuable ?
- How to protect our users during a certain period, if data and necessary metadata are publicly available ?
- National governments, Funding bodies, ... Have started requesting access in a comprehensive form to raw data when a publication is made. (Schön case)

We are not alone with the same issue



EDNP – EDNS – PANData  
PANDataODI - CRISP

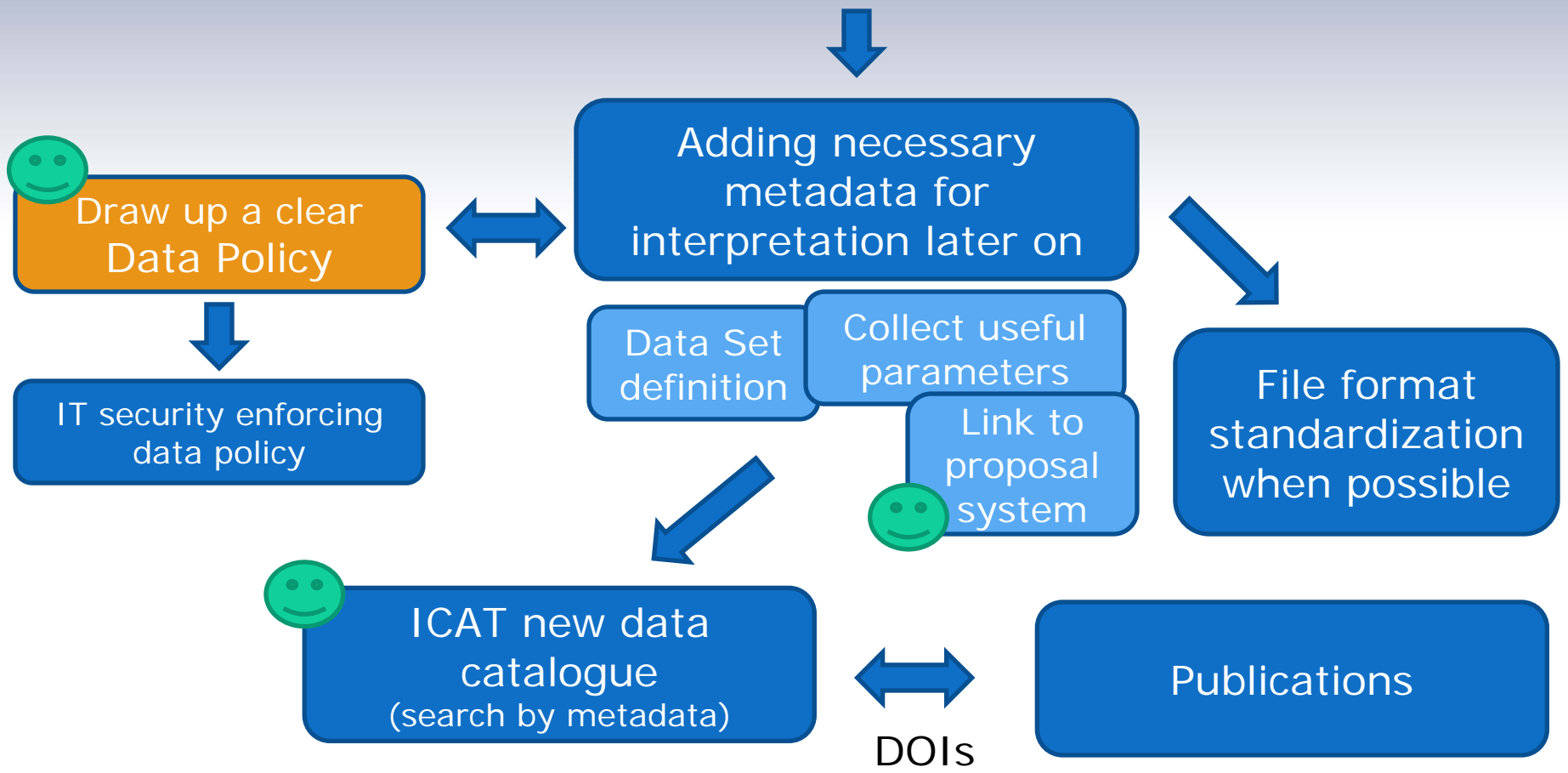
Currently the experiment datasets are  
only usable by the experimental team

# *Increasing the value of experimental data*

- Adding more useful metadata
- Define a clear data policy
- Linking data sets and proposals
- Linking data sets and publications
- Worldwide unique ID
- Refurbishment of the ILL data catalogue
- Increase the number of publications based on ILL experiment
- ...

# Data: where do we stand ?

Increase scientific data value





# *DATA: work in progress*

- ICAT

<http://icat.ill.fr:8585/icat/>

- DOI

- Datasite <http://www.datasite.org/>

Example: PANGAEA – ELSEVIER

<http://www.sciencedirect.com/science/article/pii/S0304420309900457>

- ILL implementation

<http://doi.ill.fr/10.5291/ILL-DATA.6-05-579>

# *AAI: preparing EU upcoming projects*

- Different services for users :
  - User Office : VC
  - Wifi Access (different Auth including based on VC)
  - Data catalogue : ICAT (Authentication based on VC)
  - CMS (independent)
  - Workstation (independent)
  - ...

Need to merge the different ILL's users Authentication system into a single one (including staff) for preparing the future EU Authentication.

Local Web SSO: CAS