

abes ●

agence bibliographique de l'enseignement supérieur



*How Star helps to disseminate French e-theses*

*How ABES helps to develop Open Access*

*Raymond Bérard, ABES, 4 December 2009*



4 December 2009

# Who are we?



## Our job: metadata

# ABES products



# E-theses

## New legislation in 2006

Either paper or electronic copies must be collected

If legal deposit  
is paper

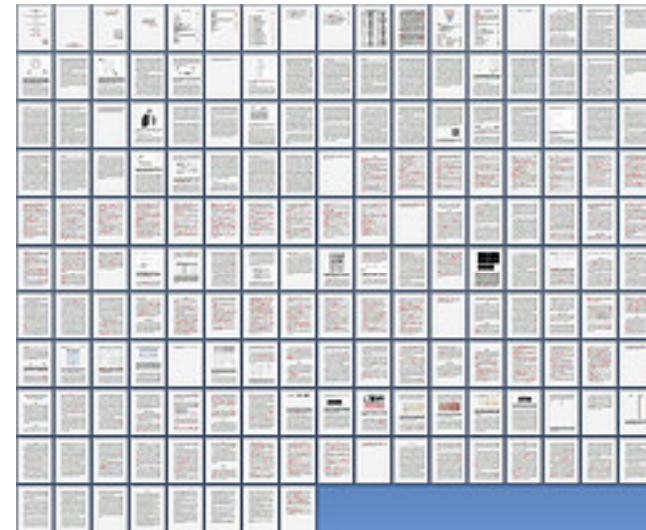


several copies for  
preservation, ILL, reading  
+ microfiches

Description in French Academic Union catalogue  
(Sudoc)



If legal deposit is electronic :  
new workflow: STAR



# Legal deposit of theses

- Compulsory for PhD students to get graduation.
- Each university has to choose : either print or ETD.
- In case of electronic legal deposit, a digital version of the dissertation must be registered in ' STAR '.
- Transitional period : paper legal deposit will gradually decline.

# A national tool: STAR

- STAR (signalement des thèses électroniques et archivage) = description and preservation of ETD
- A national scheme launched by ABES
- Star is an intermediary, a 'clearing house'

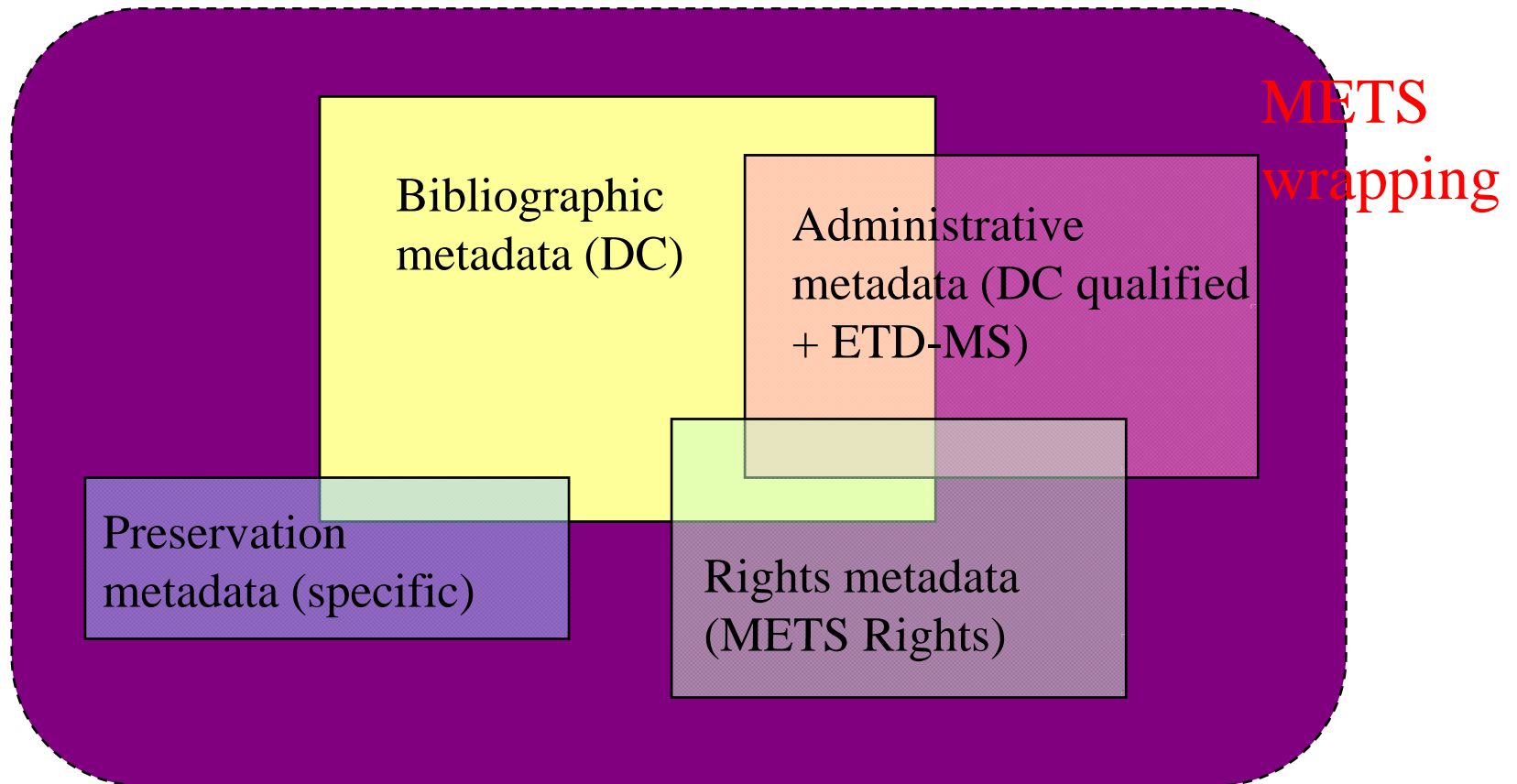
# A national tool: STAR

- A workflow software tool developed by ABES
- Aims :
  - secure relationships between author and its affiliation : the university (and not the PhD student) is in charge of the deposit
  - **the deposit document is true to the original which has been validated by the jury**
  - take into account the life-cycle of electronic theses
  - manage the document and add metadata to increase its online visibility

# A specific set of metadata: TEF

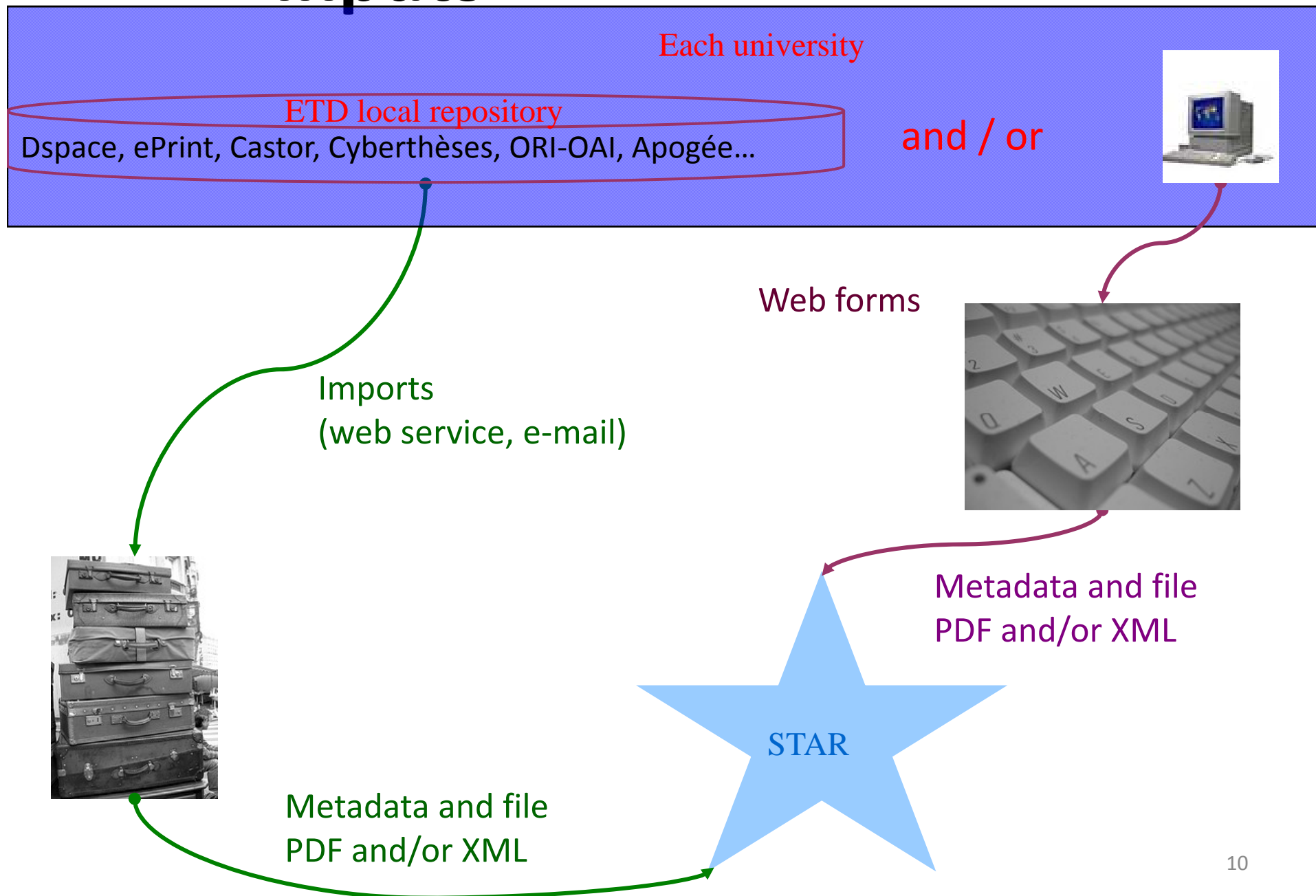
- TEF = « Thèses Electroniques Françaises », an AFNOR standard (French member of ISO)
- A set of metadata based on Dublin Core Qualified
- Several ETD adaptations (jury...)
- TEF takes into account the needs for
  - Preservation
  - Legal status of thesis : METS Rights



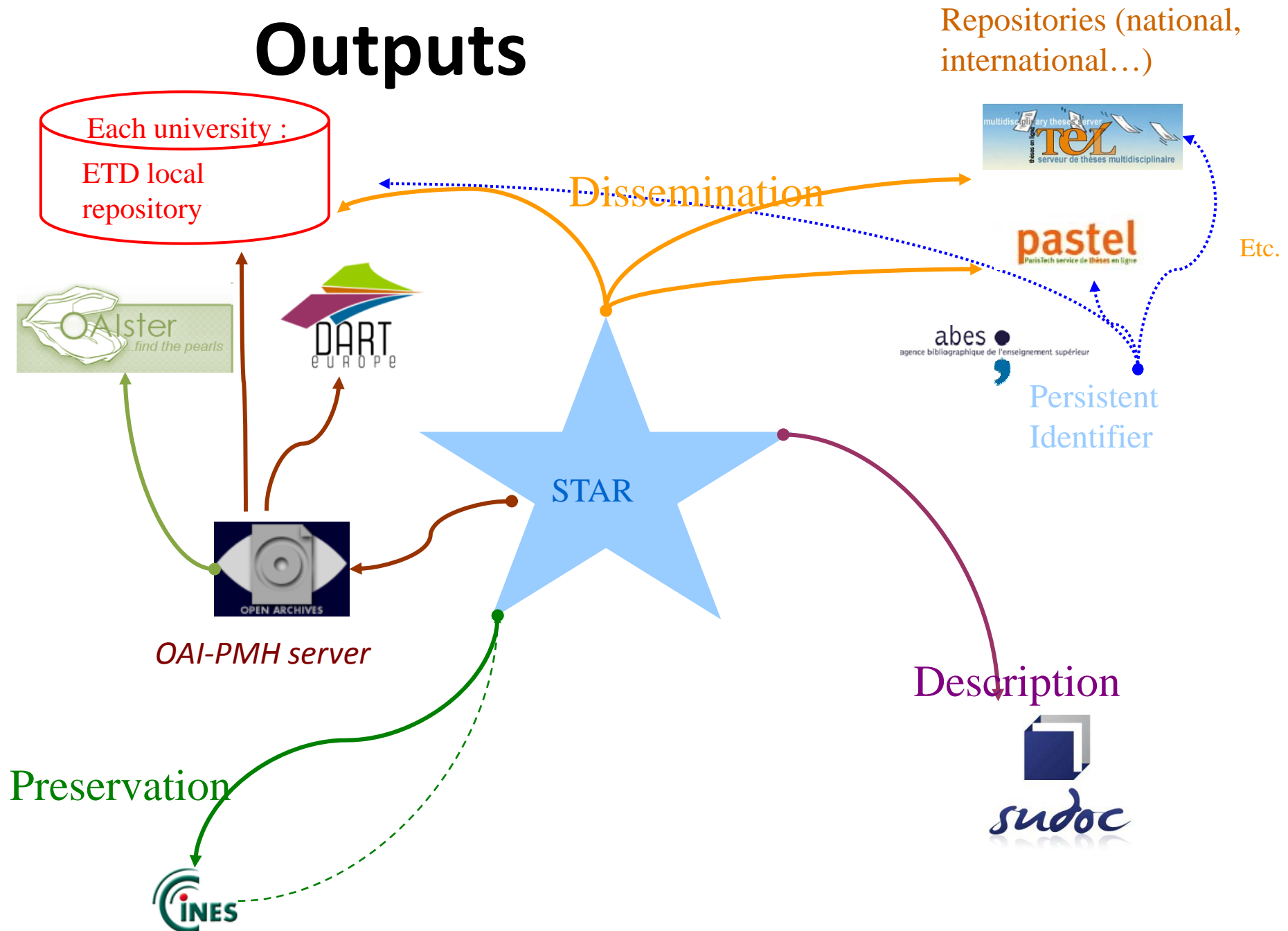


⇒ Different sets of metadata despite of their partial overlapping

# Inputs



# Outputs



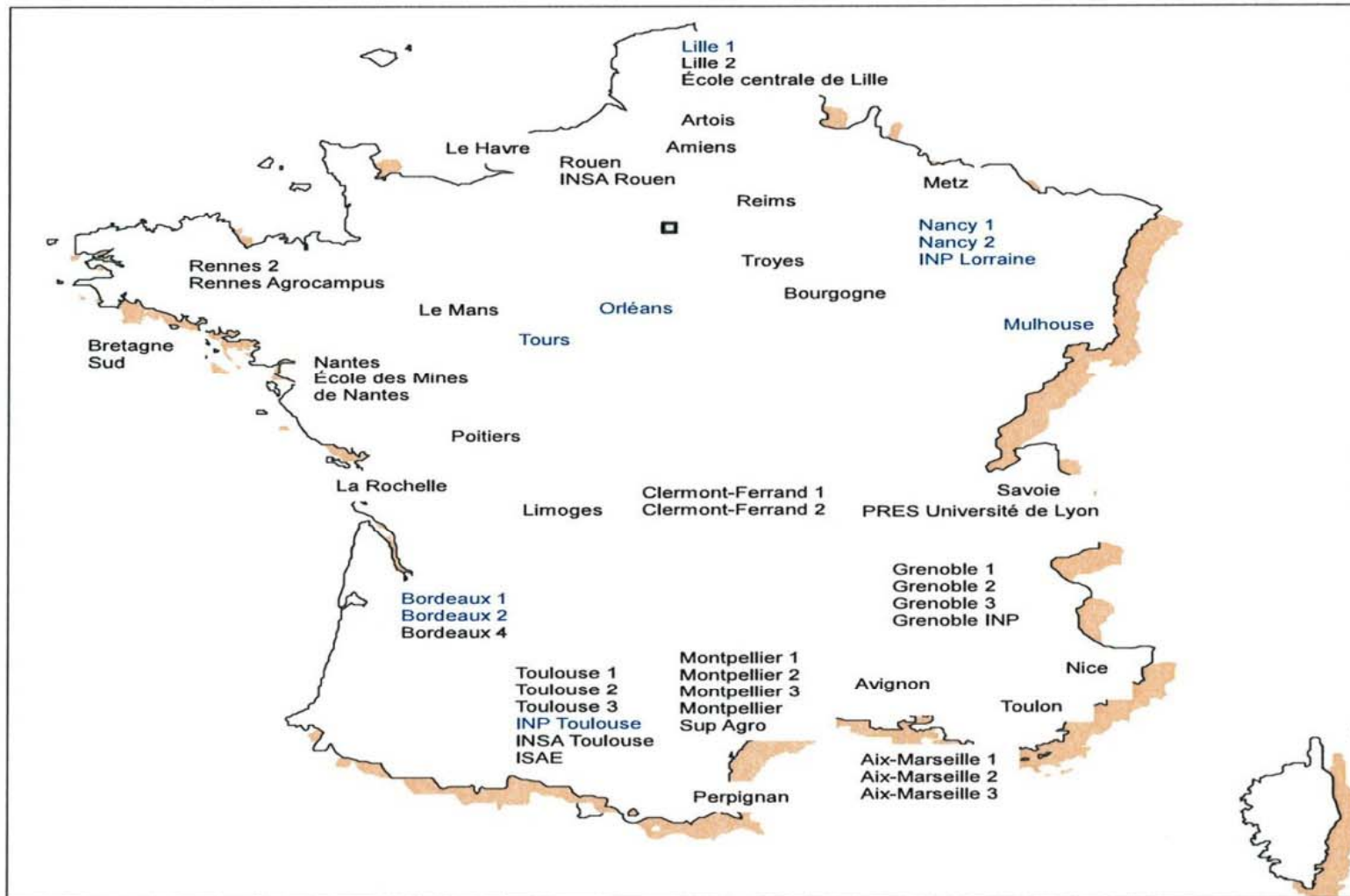
# Long term preservation

- CINES (Centre Informatique National de l'Enseignement Supérieur = National Computer Center for Higher Education)
- In charge of long term preservation of French electronic PhD theses
- A generic solution for archiving digital and electronic documents : PAC (“Plateforme d’Archivage CINES” = CINES’s long term preservation platform).
- Reference Model for an OAIS Open Archival Information System (2002) standard ISO 14721

# Dissemination

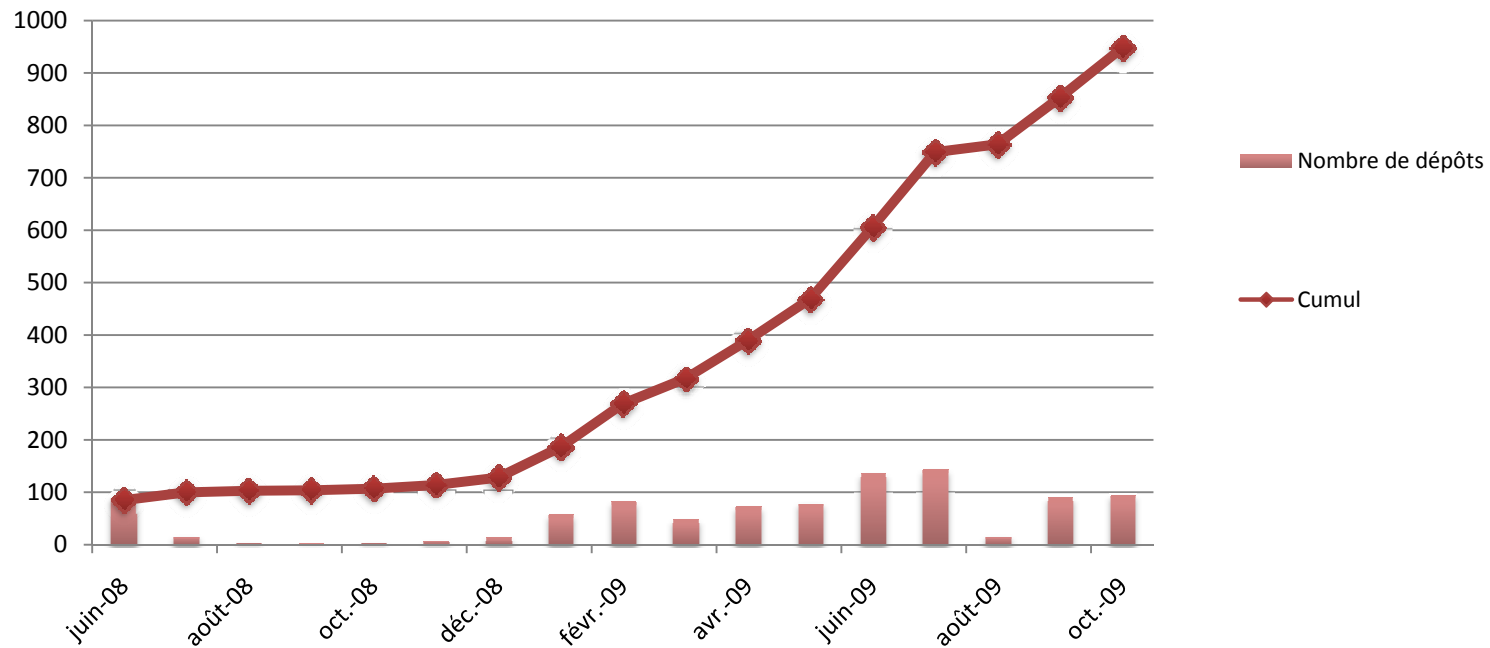
- International, national, local repositories (metadata and access)
- OAI-PMH repository (metadata)
- Integrated library systems (description)

# Who uses Star?



# How many e-theses in Star?

Evolution des dépôts dans STAR



03-11-2009

# Opening ABES name authority files

- **Why?**

Public data: a political challenge

A public service of free data!

Let others re-use them for new, innovative (yet unknown) uses

Opposing public & private monopolies

*..... a legal challenge*



# Opening ABES name authority files

## How?

- Linking French data bases
- Align identifiers or better: share them!
- Standardize names by linking them to Sudoc authority files

# Opening ABES name authority files


- First restricted to Sudoc catalogue
- Then extended to Calames, Star
- Our project: make them available to other research & HE organizations
  - Persée
  - ORI-OAI
  - HAL
  - Revues.org
  - ETC...

# Opening ABES name authority files

## **Why a link to Sudoc authority files?**

- Internal quality of each base
- Enrich each base with others' infos
- Later, allow more sophisticated requests and searches

# Opening ABES name authority files

- A project supported by TGE Adonis  Avec le soutien du  
tge ▲ DONIS
- For Adonis « metaportal »: enriched authority files for the data bases of Adonis metaportal, using semantic web technology -RDF
- Partnership with LIRMM (Montpellier Laboratory of Informatics, Robotics, and Microelectronics)

[www.abes.fr](http://www.abes.fr)