
The New RISM Data Management Framework from RISM-UK and RISM-CH

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IAML, Amsterdam, 9th July 2009

Background

▶ RISM-UK database

- Three year project (2002-2004) funded by the Arts and Humanities Research Council (AHRB)
- 53948 manuscripts
- Release of a second version end 2007 (www.rism.org.uk)

▶ RISM-CH database

- Release of the first version in 2005 (www.rism-database.ch)
- Updated with data converted from PiKaDo twice a year
- 58424 sources (manuscripts and prints)
- Two year project (2008-2009) funded by the Swiss National Science Foundation (SNF)

RISM Data Workflow

Cataloguing

Publishing

GROUP _____ DIVISION 1884.101.72
CLASS _____ NUMBER _____
DESCRIPTION OLD ENGLISH pipe bowl of carved wood with-iron lining. The bowl is carved with 2 faces - one in front & one on each side. A shaped & up-turned stem-piece is connected with the bowl part in two places, the upper one being the main, tubular, connection. The bowl is split down the front & the lining much rusted. Colour brown. Bowl height c. 0.1m ; outer width of rim c. 3.2m. *A black bowl.
PEOPLE _____ LOCALITY _____
NATIVE NAME _____
COLLECTED BY _____ HOW ACQUIRED P.R. coll.
REFERENCES _____
RISM - Répertoire International des Sources Musicales

At the beginning
Cataloguing cards
Organised in finite series

RISM Data Workflow

Cataloguing

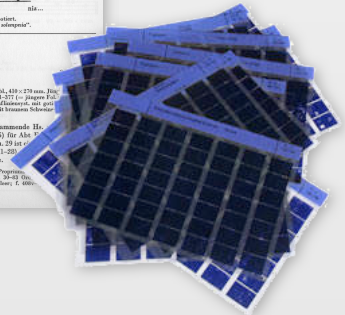
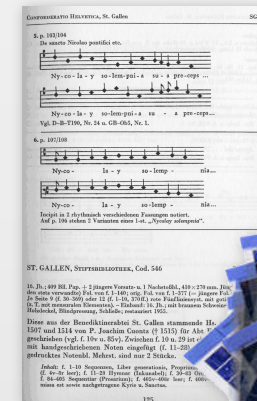
1884.101.72

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PEOPLE	LOCALITY
OLD ENGLISH	NATIVE NAME
COLLECTED BY	HOW ACQUIRED P.R. coll.
REFERENCES	

1.5.1971 The British Museum, 20, 1, London

At the beginning
Printed books
Microfiches (Series A/II)

Publishing



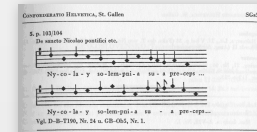
RISM Data Workflow

Cataloguing

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PEOPLE OLD ENGLISH LOCALITY
NATIVE NAME
COLLECTED BY HOW ACQUIRED P.R. coll.
REFERENCES
RISM 1994



Publishing



Nineties

PiKaDo MS-DOS application

No networking (off-line only)

Proprietary format

Designed for Series A/II

RISM Data Workflow

Cataloguing

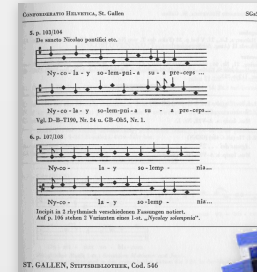
Publishing

1884.101.72

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PEOPLE	LOCALITY
COLLECTED BY	
REFERENCES	

Nineties

MS-Windows CD-ROM
Searching and browsing
Re-edited every year



RISM Data Workflow

Cataloguing

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CLASS NUMBER

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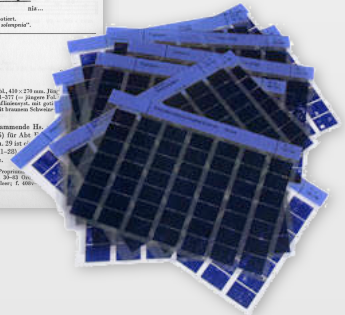
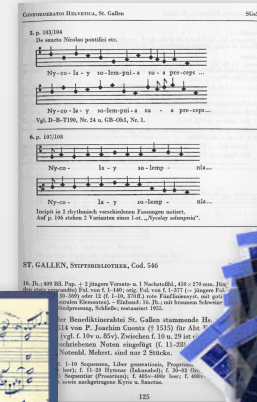
PEOPLE OLD ENGLISH LOCALITY

COLLECTED BY NATIVE NAME

REFERENCES HOW ACQUIRED P.R. coll.



Currently
Kallisto (on-line)
Improved MAB format
MARC21 exportation



RISM Data Workflow

Cataloguing

Publishing

GROUP DIVISION 1884.101.72

CLASS NUMBER

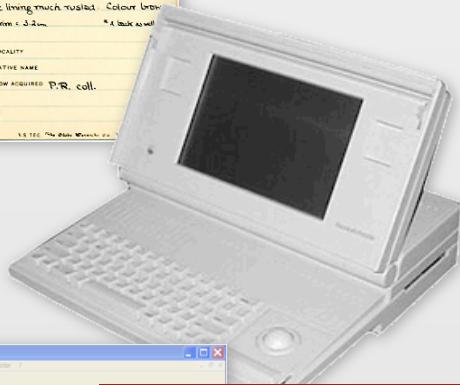
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PEOPLE OLD ENGLISH LOCALITY

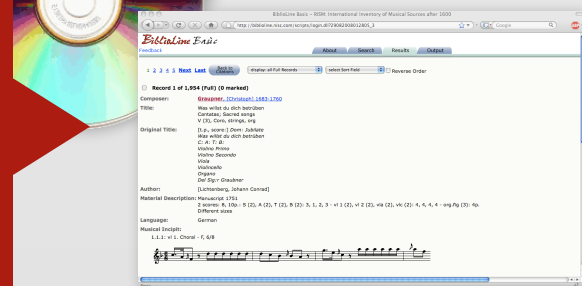
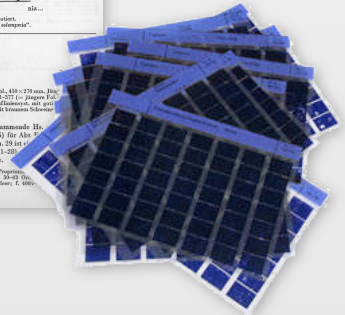
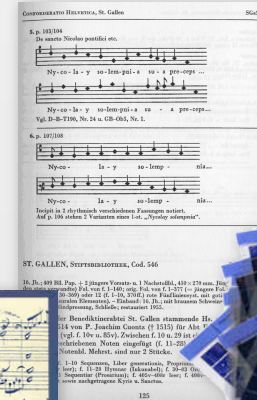
COLLECTED BY NATIVE NAME

REFERENCES HOW ACQUIRED P.R. coll.

1.5.102 The British Museum, London



Currently
EBSCO (Series A/II)
VifaMusik (in preparation)



RISM Data Workflow

Cataloguing

Publishing



GROUP DIVISION 1884.101.72

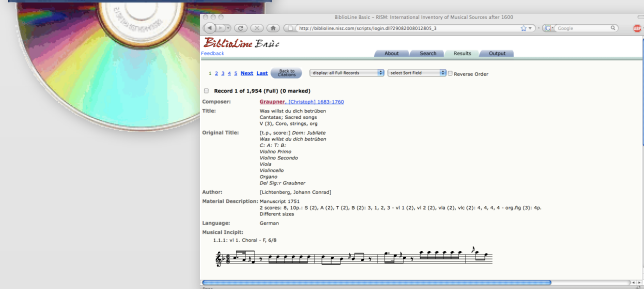
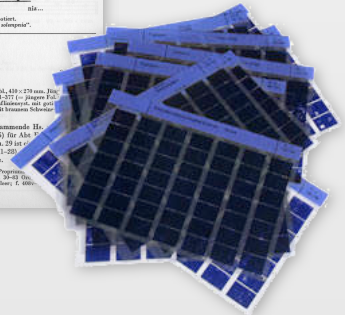
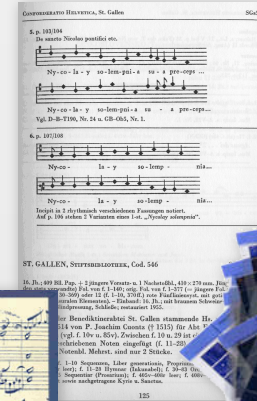
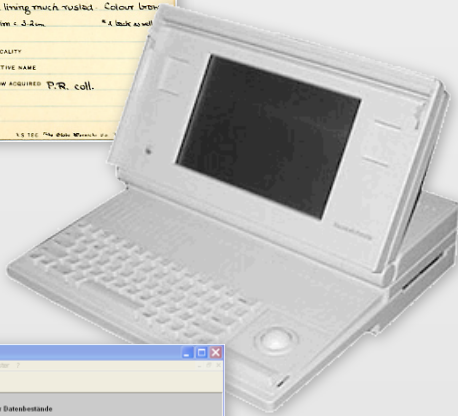
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PEOPLE OLD ENGLISH LOCALITY

COLLECTED BY NATIVE NAME

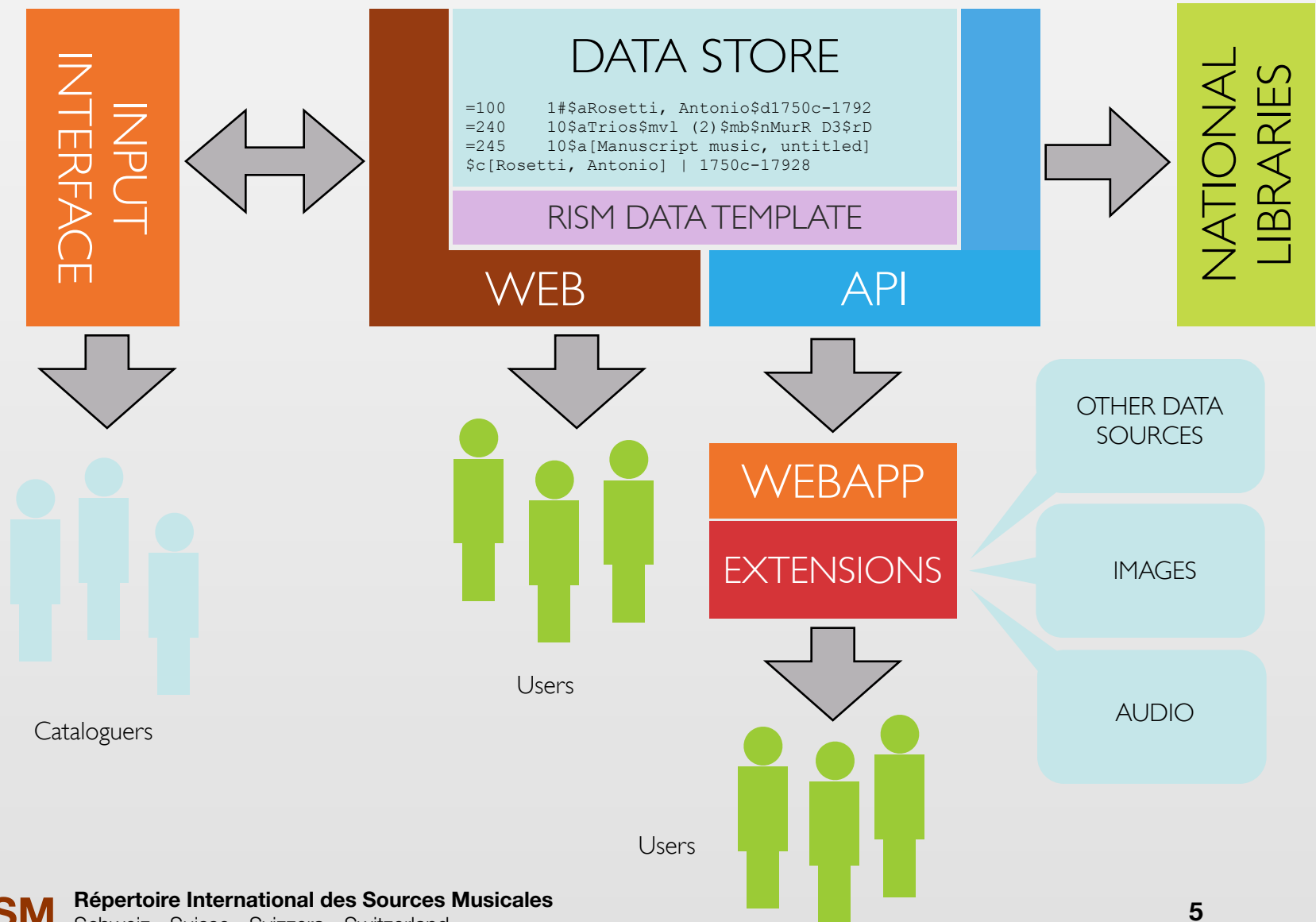
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Key Points of the Project

- ▶ Have one single framework for the entire data workflow
 - Reduce development costs
- ▶ Adopt MARC21 as underlying format
 - Exchange data with most library systems without conversion
 - Exchange with the Central Redaction
- ▶ Develop the framework using open source tools
 - More adequate for funding
 - More flexible for long term sustainability
- ▶ Enable an offline cataloging option
- ▶ Extend the type of sources that can be catalogued
 - Manuscripts, prints, librettis, theoretica, convoluta

Framework Structure



RISM Data in MARC21

- ▶ Detailed specification based on the RISM-UK PiKaDo to MARC21 conversion table (Sandra Tuppen)
- ▶ Use of standard fields (rather than local fields) as much as possible
- ▶ No use of local fields for crucial information
 - Example: incomplete material
- ▶ Take advantage of more specific fields in MARC21
 - Example: 14 notes fields
 - 510 - Creation/Production Credits Note
 - 511 - Participant or Performer Note
 - 541 - Immediate Source of Acquisition Note
- ▶ Migration of the Swiss data (60009 sources) in April 2009

Reduce the cost of off-line cataloguing

- ▶ Work on-line!
- ▶ When several cataloguers work off-line at the same place, create a local network for them to share the data
- ▶ Restrict to the minimum the modifications that can be performed off-line
 - Example: the values in the authority data can be added but not modified off-line.
- ▶ Define strict synchronisation procedures with algorithms that can automatically solve most of the conflicts

Data entry interface

- ▶ Avoid numerical ordering of MARC21 fields
 - Numerical ordering does not correspond to the cataloguing flow for the RISM data.
 - In the system, the MARC21 tags are grouped in semantically significant entities (e.g., physical description, content description).
- ▶ Have a specific interface for each type of sources
 - Manuscripts, prints, librettis, theoretica, convoluta
- ▶ Have integrated cataloguing guidelines
- ▶ Translate the entire system

Where do we stand?

- ▶ The system is currently tested by the RISM-CH cataloguers.
 - The corrections of the previous titles are made on-line.
 - The new titles are catalogued off-line.
- ▶ Off-line synchronization is being tested.
- ▶ The creation of the cataloguing guidelines and the translations are in process.
- ▶ The validation rules for the cataloguing (errors and warnings) have to be defined and implemented.
- ▶ Applying for further funding

DEMO
