

La aplicación de herramientas para la generación de
paquetes de información OAIS en el contexto europeo.
La experiencia de implementación de EARK2 en el Archivo
Nacional de Hungría.

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Sevilla, 19th February, 2020

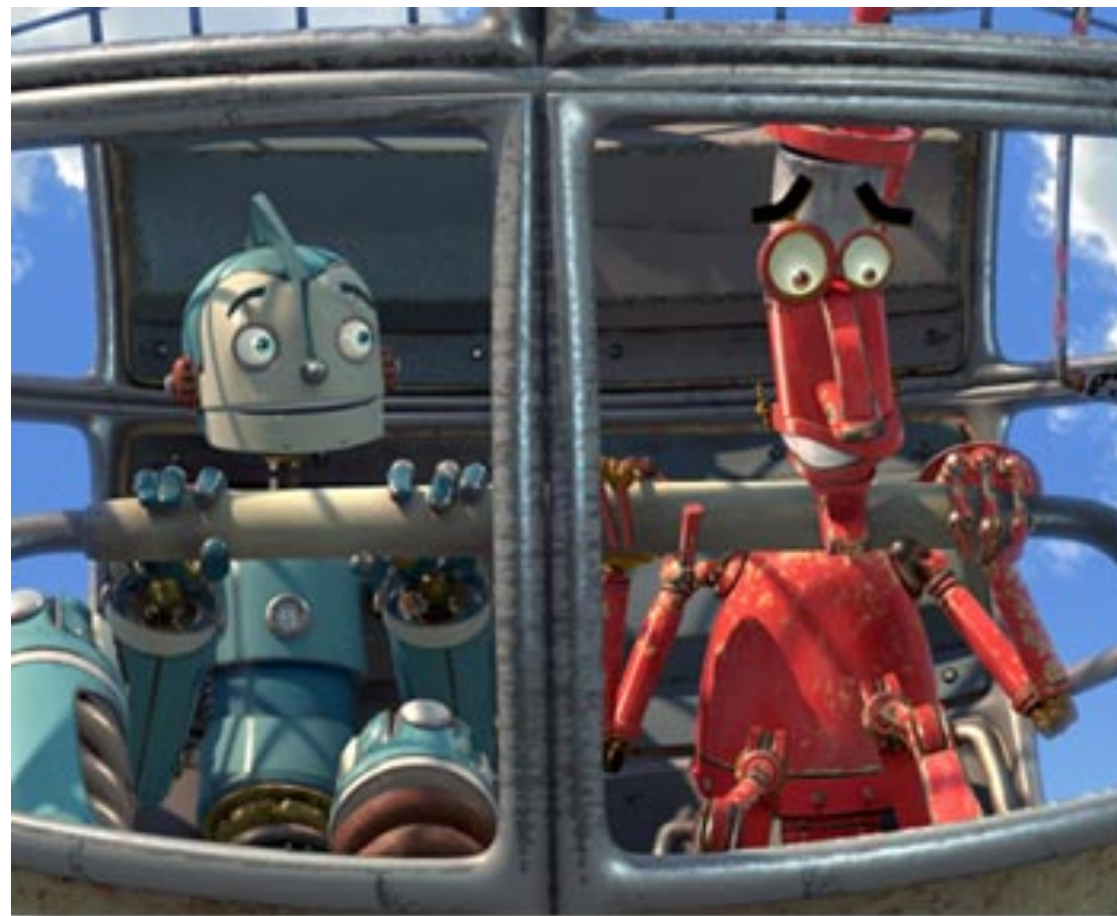


A vision



- Resolve the problem of Digital Dark Age
- Renew the regulation on records management
- Fit standards
- State of the art IT infrastructure
- To be financially sustainable,
- To support education

And the result



Tandem



Modernization

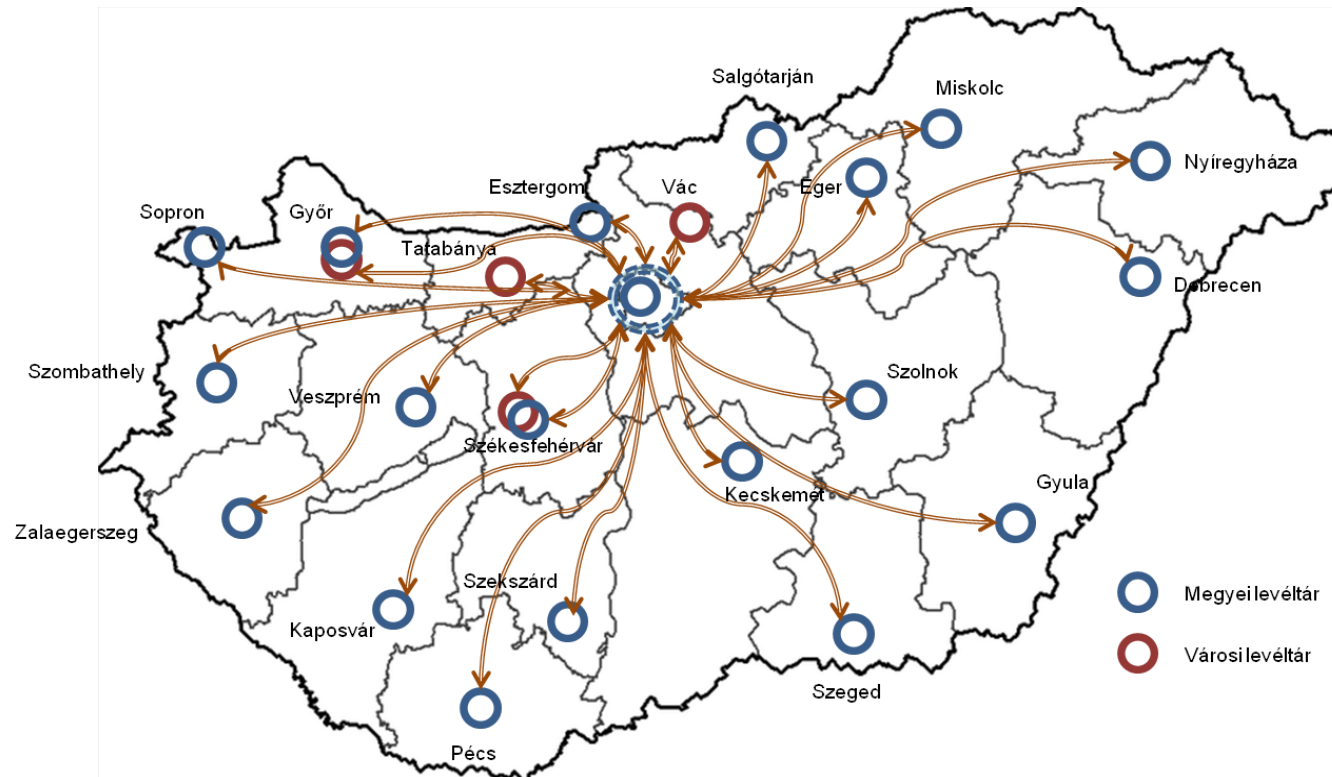


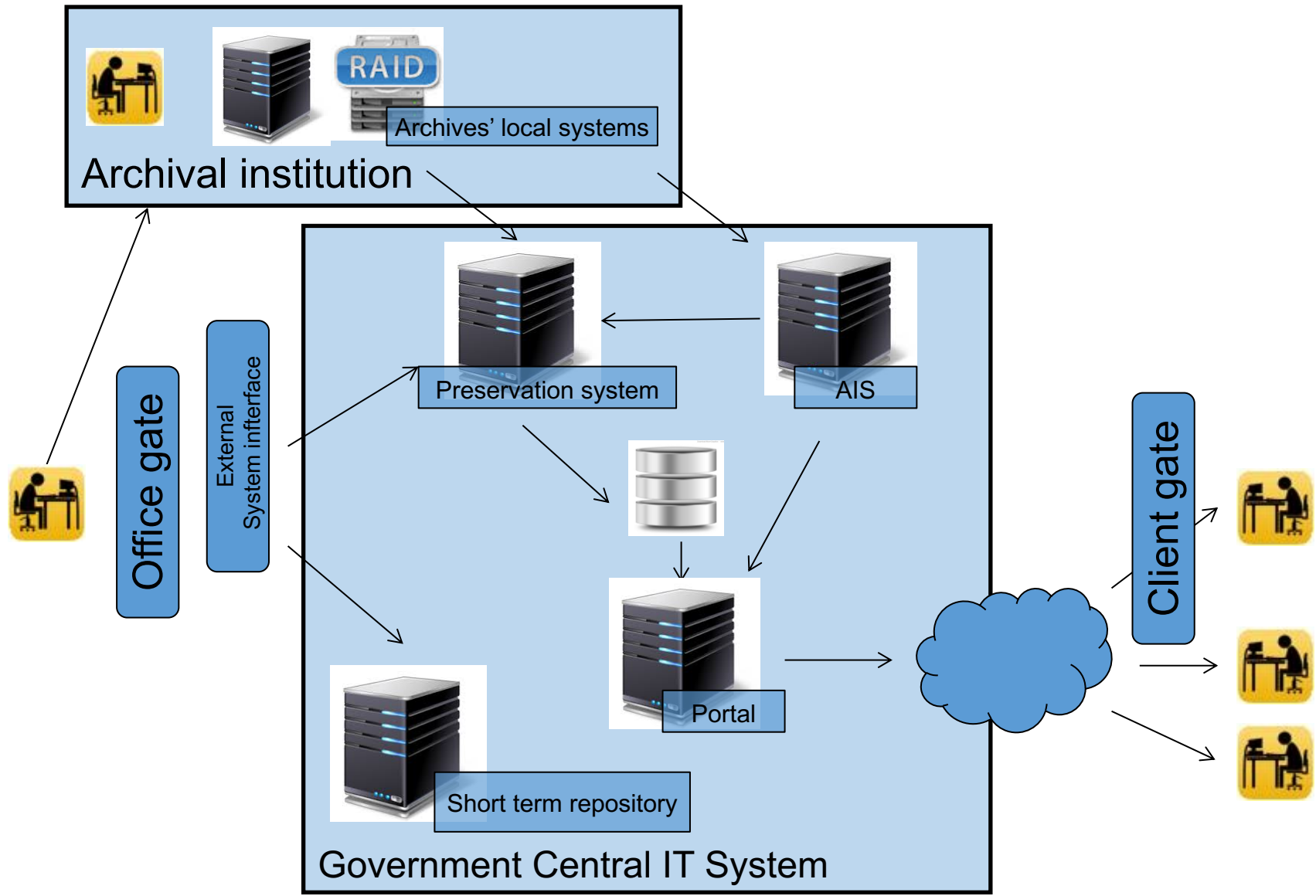
200+ PC
scanners
storage
data center
experts
partners
knowledge

Local data center



Integration with regional archives since 2012





Special thanks to



Standards

OAIS

PAIMAS

METS

OAI-PMH

~~Moreq~~

ISADg – EAD

ISAAR(CPF) – EAC(CPF)

ISDIAH - EAG

Archives Portal Europe



Components



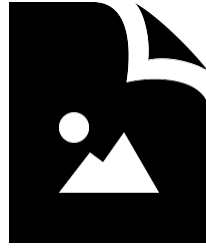
Label



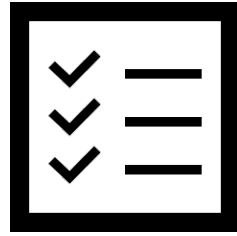
Users Manual



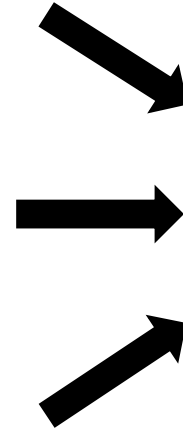
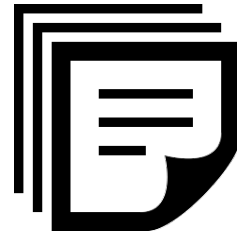
Data



Metadata

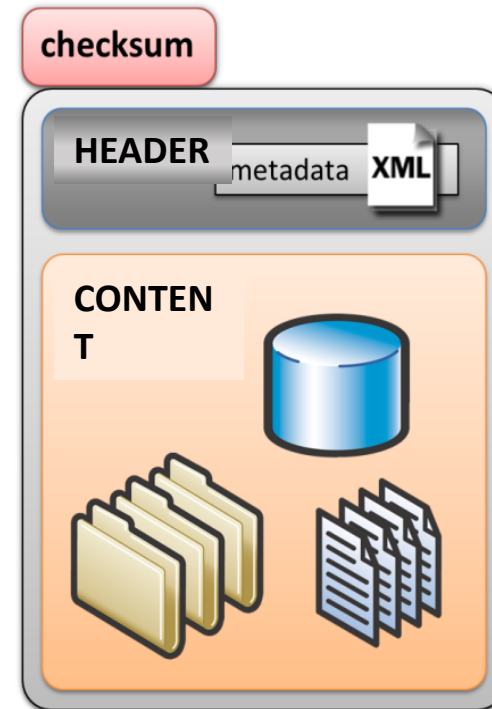


Documentation



Structure

- SIP_20131201_KSH_001.txt
- SIP_20131201_KSH_001.zip
 - Header
 - Metadata.xml
 - Content
 - Data
 - 001.pdf
 - 002.pdf
 - Documentation
 - Detailed description.doc
 - Transfer agreement

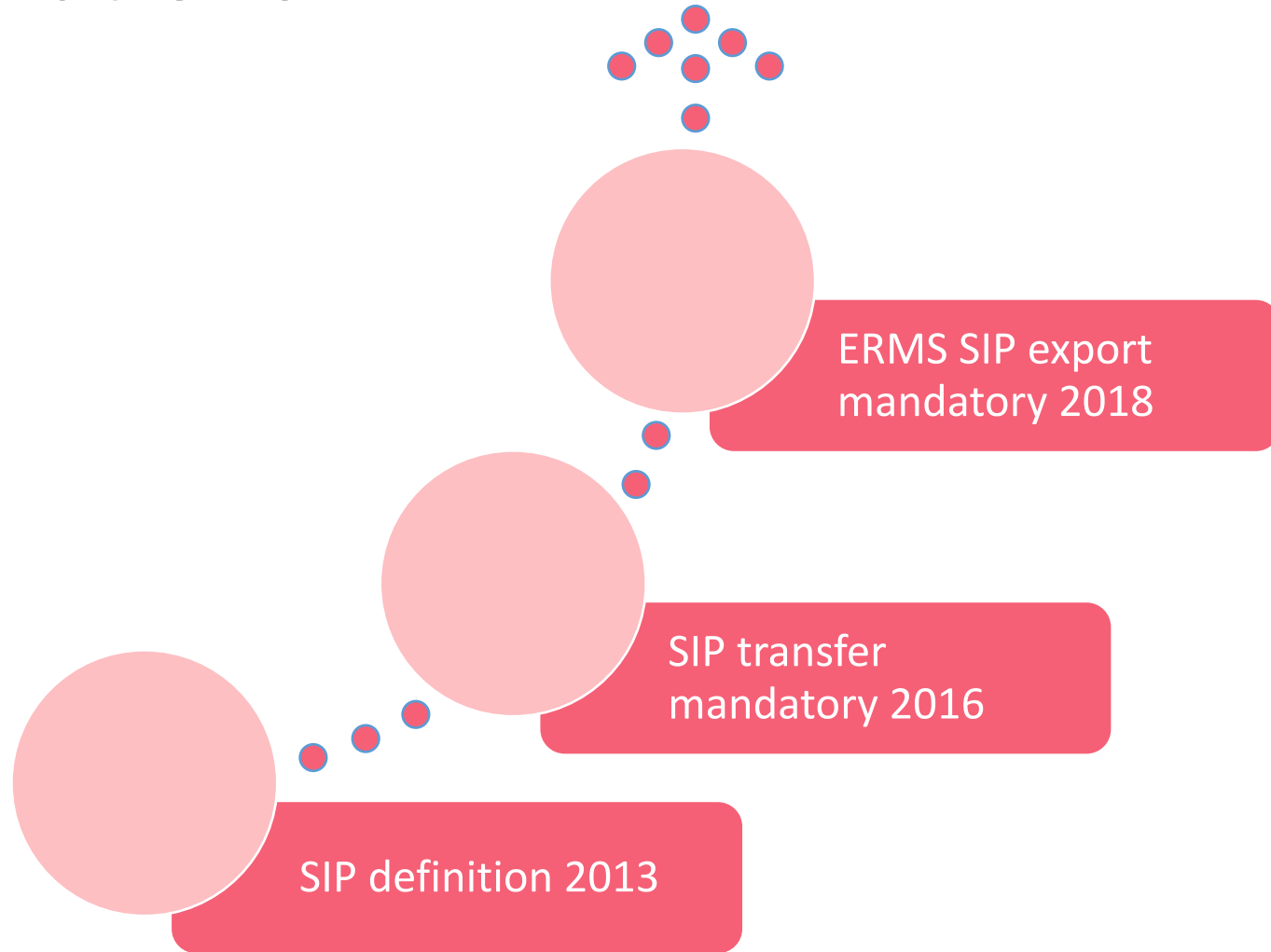


Specifications

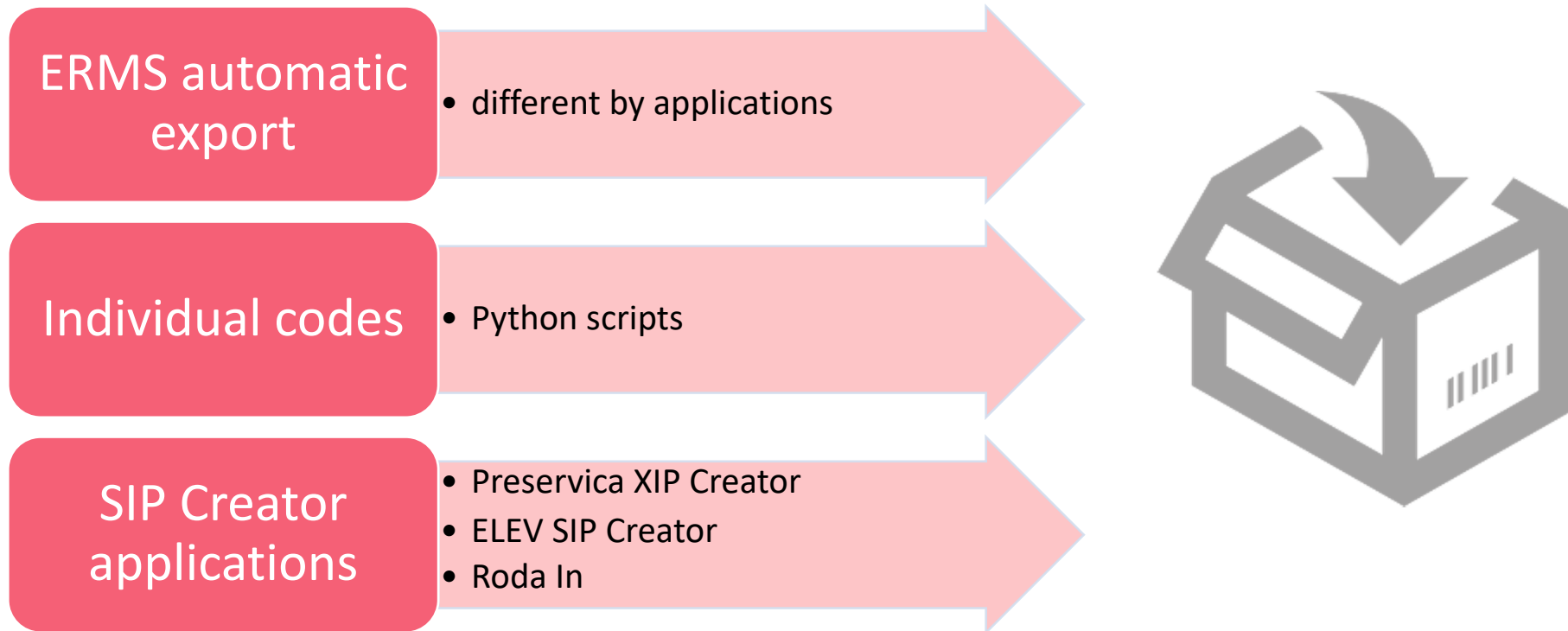
- **34/2016. (XI. 30.) EMMI**
- **vs. EARK specs**
 - Provides core principles for any IP
 - Most crucial: a common structure
 - Influenced by the Swedish CS
 - Aims to support automation of high-level package identification and validation (integrity, technical validity, etc.)
 - Is built on widely used XML standards (METS, PREMIS)
 - Concentrates on structural metadata, includes elements of administrative and technical metadata
 - Is flexible enough to be used for any type of data
 - Allows for further specification and localisation if needed



Steps in regulations



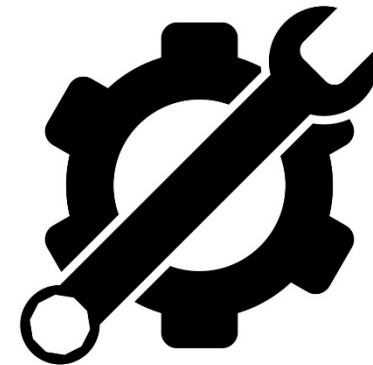
Alternatives for SIP creation (HU)



CEF Digital Home

eArchiving

Store and preserve digital information cost-efficiently over the long term





[View on GitHub](#)

[Download v2.0.0](#)

Database Preservation

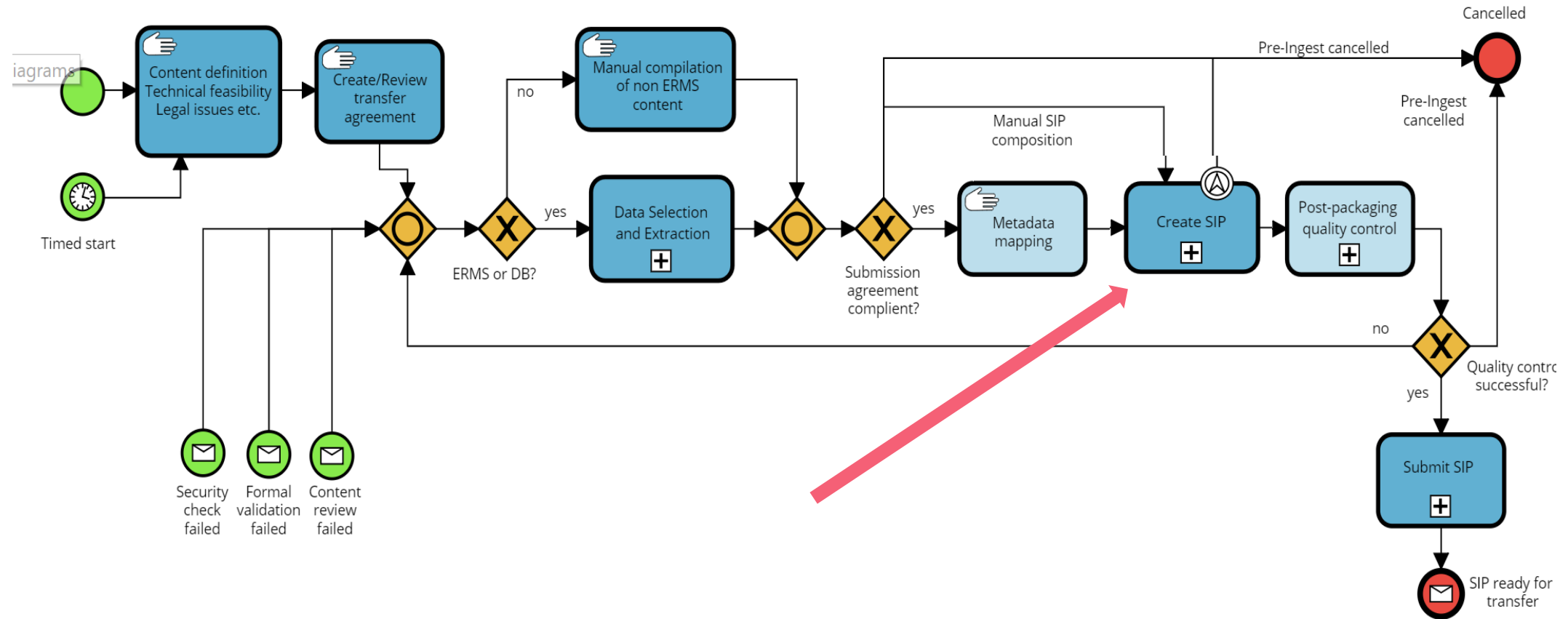
Relational databases are one of the most important technologies supporting today's information management activities. They are designed to store, organize and explore digital records that not only support but also document day-to-day business operations. Very often, these records are irreplaceable or prohibitively expensive to reacquire by other means rendering the preservation of databases a serious concern.

This page focus on workflows, tools and standards to allow information managers to extract, archive and preserve records of information currently managed by relational databases.

The most relevant initiatives in this context are the Database Preservation Toolkit, the Database Visualization Toolkit and the SIARD 2.0 preservation format.

The following screencast aims to illustrate how all these tools fit together in a full-cycle archiving and preservation workflow for relational databases.

Pre Ingest process workflow



1. EXPLORADOR DE ARCHIVOS

- ▼ V_Károly C:\Users\Szaticsek Zoltán\Downloads\AAA_megőrzendő\V_Károly
 - ▶ Archiv
 - Carlos sources 29.07.docx
 - g-41674.pdf
 - image001.png
 - Iter_vitae_Caroli_F_191027.xlsx
 - Iter_vitae_Caroli_F_191108.xlsx
 - Iter_vitae_Caroli_F_191123.xlsx
 - Iter_vitae_Caroli_F_191123X.xlsx
 - Iter_vitae_Caroli_F_191123Y.xlsx
 - Iter_vitae_Caroli_F_191124.xlsx
 - Iter_vitae_Caroli_F_191124_no formulas.xlsx
 - Iter_vitae_Caroli_F_191125.xlsx
 - Iter_vitae_Caroli_F_191125_Notes.xlsx
 - Jegyzetek.docx
 - Jegyzetek.docx.xlsx
 - JegyzetekWord.docx
 - Missing abbreviations2.xlsx
 - Másolat eredetijeMissing abbreviations2-23-25 solved.xlsx
 - Notes191105.xlsx
 - Notes191106.xlsx
 - VKároly_191026.xlsx
 - VKároly_191026_linkek.xlsx
 - ~\$41674_ocr-57-725.docx
 - ~\$41674_ocr-57-725.txt
 - ~\$gyzetekWord.docx

Ignorar

Asociar

2. PAQUETES DE INFORMACIÓN

Carga tu
esquema de clasificación

Cargar

o crear uno [Nuevo Esquema de Clasificación](#)

3. INSPECTOR

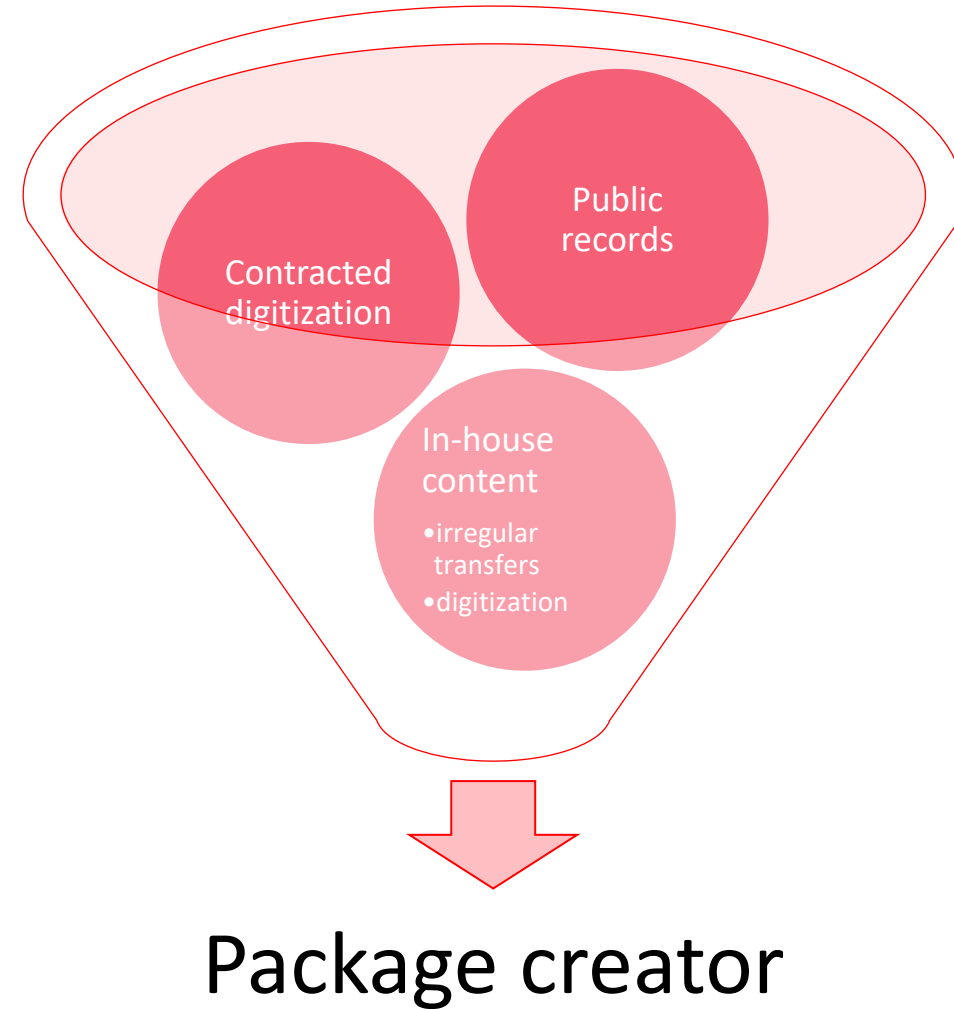
Seleccione un elemento del
paquetes de información para
inspeccionarlo

4. PASSO FINAL

Criar SIP(s)

Who is using it?

- Record creators
- Contractors (digitization)
- Archivists (irregular transfers)
- Reprography (digitization)





Conclusion: Digital Preservation is not an IT challenge

Fasten your seat belt! 2nd digital revolution is here

financing

new task for archives

management

Artificial Intelligence

