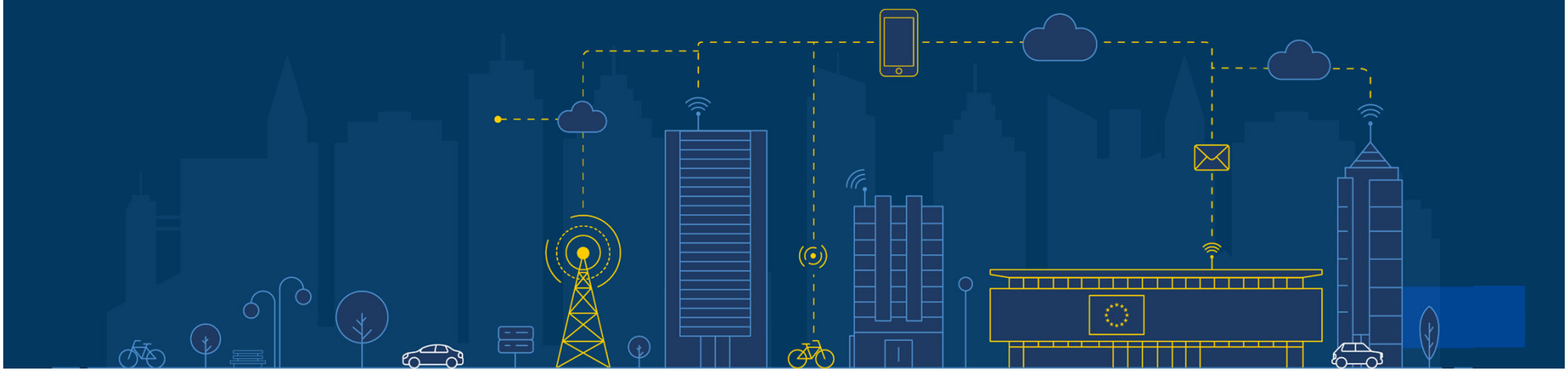
SYDARKIVERA.

The winding road to a CITS ERMS

Karin Bredenberg,
Metadata Strategist

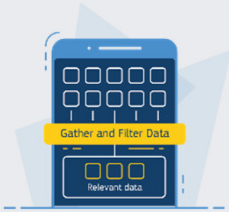
CEF eArchiving Building Block

Karin Bredenberg
eArchiving activity lead specifications



Big Data Test Infrastructure

Explore and experiment with big data for improved performance and decision making



Context Broker

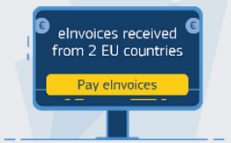
Analyze, manage and share data, in real time, at the right time, throughout Europe

eArchiving

Facilitates the preservation, migration, reuse and trust of your data

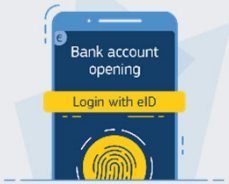
European Blockchain Services Infrastructure

Harness the power of a European-wide network of blockchain services, increasing trust through data security, privacy and transparency



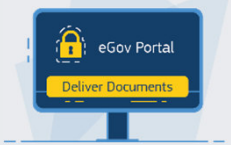
eInvoicing

Promote the implementation of the European standard for electronic invoicing across borders



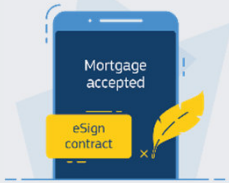
eID

Allow citizens to prove who they are across borders, making it easier to access online services in another EU Member State



eDelivery

Exchange online data and documents reliably and securely



eSignature

Create and verify electronic signatures between businesses and EU citizens

eTranslation

Offers machine translation to translate your documents and web content into any official EU language, Norwegian or Icelandic

How to use a Building Block?

Build, buy or reuse the Building Blocks on your own.

Co-develop the solution or partner with other parties.

A Swedish solution

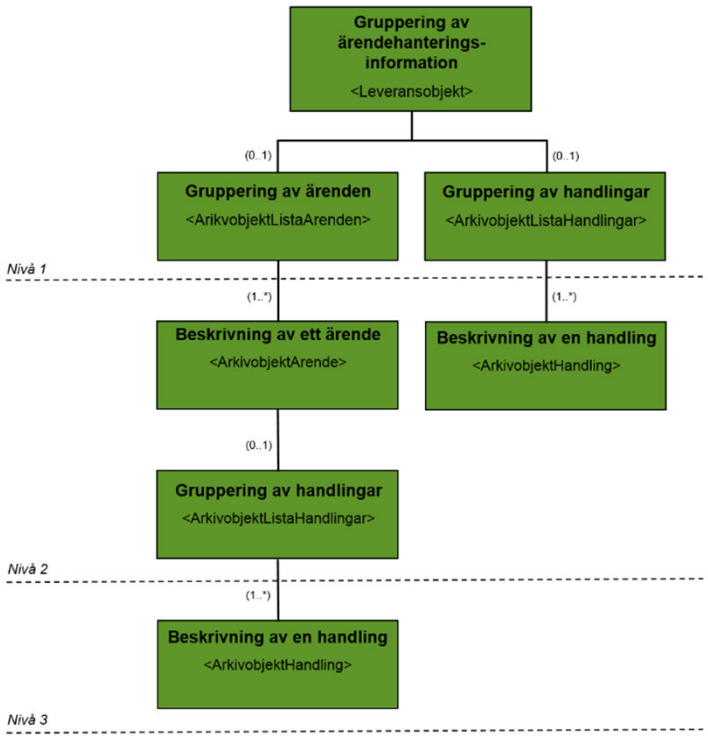
FGS Ärendehantering and the beginning

- 2011, start of eARD
  - Project lead by the Swedish National Archives
  - Project members from both agencies, municipalities and regions
- Result
  - Draft specifications for:
    - Information Package
    - ERMS
      - Based upon an self-created schema using most needed elements
    - Personnel systems
  - Start of the FGS unit at the Swedish National Archives

FGS Ärendehantering publication

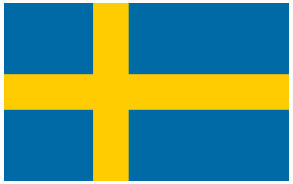
- 2018 specification with an XML-schema published
  - The draft from eARD with minor changes

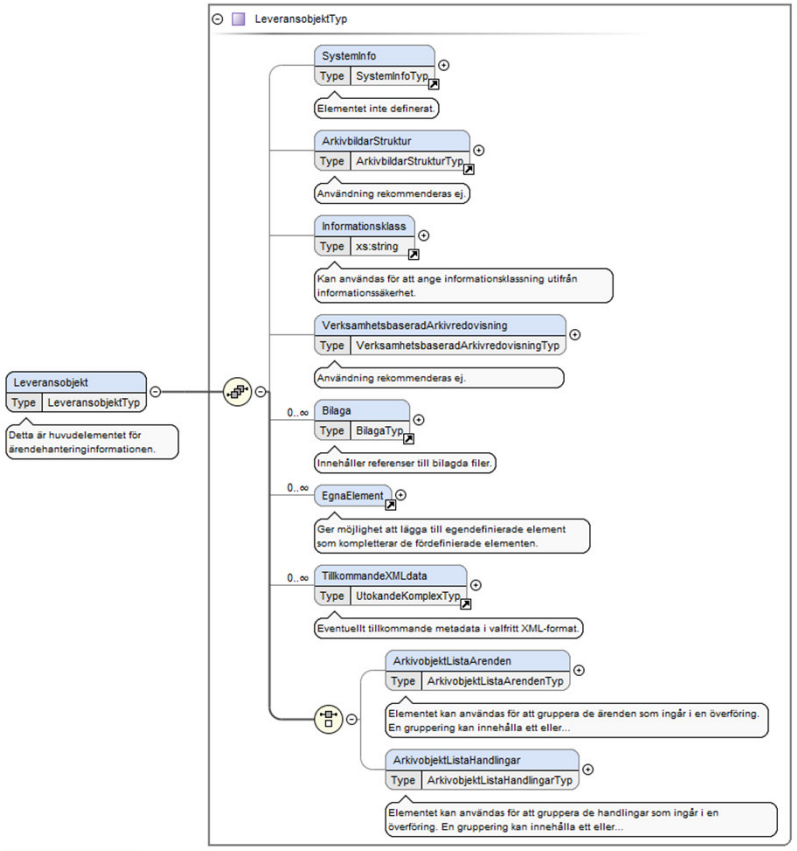
FGS Ärendehantering, Information model



Informationsmodell för uppbyggnaden av FGS Ärendehantering.

FGS Ärendehantering, XML-schema





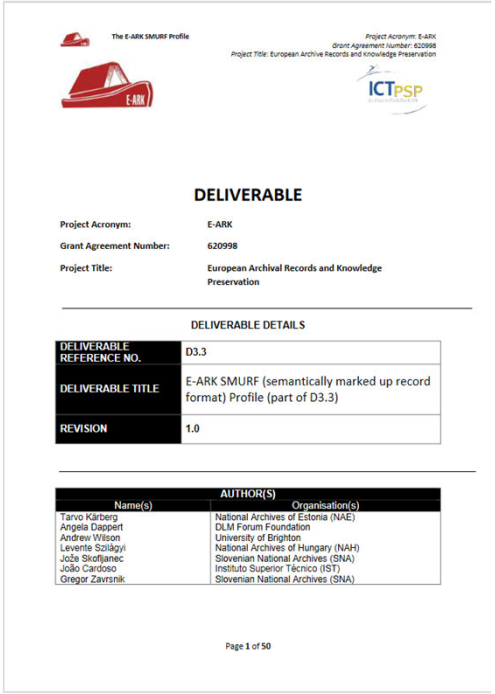
FGS Ärendehantering use

- Versions have been implemented as export formats in some systems
- The format is not fully developed

From E-ARK...

E-ARK (the first)

Starting in Moreq2010 and publication in 2016



The E-ARK SMURF Profile

Project Acronym: E-ARK
Grant Agreement number: 620998
Project Title: European Archive Records and Knowledge Preservation

DELIVERABLE

Project Acronym:	E-ARK
Grant Agreement Number:	620998
Project Title:	European Archival Records and Knowledge Preservation

DELIVERABLE DETAILS

DELIVERABLE REFERENCE NO.	D3.3
DELIVERABLE TITLE	E-ARK SMURF (semantically marked up record format) Profile (part of D3.3)
REVISION	1.0

AUTHOR(S)	
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Page 1 of 50

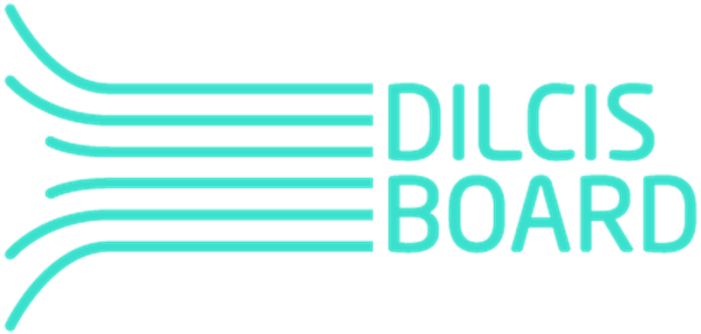
MoReq2010®

MODULAR REQUIREMENTS FOR RECORDS SYSTEMS

...to the eArchiving BB

DILCIS Board

Founded in 2017



DLM FORUM

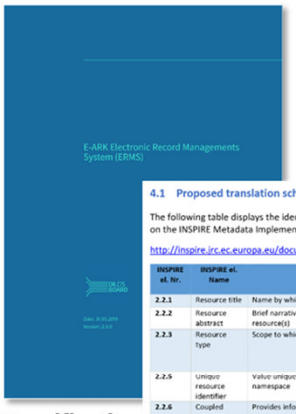
https://dilcis.eu/

eArchiving Building Block

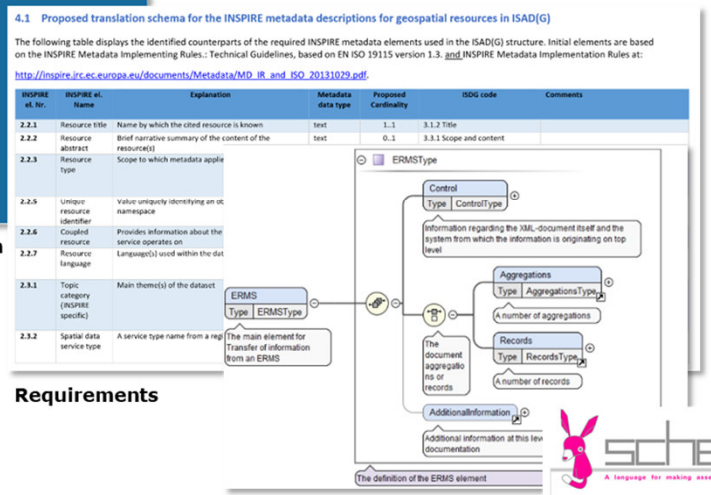
eArchiving Building Block specifications

Document and files for a specification

The textual document and files providing the XML structure and validation rules



Specification



Requirements

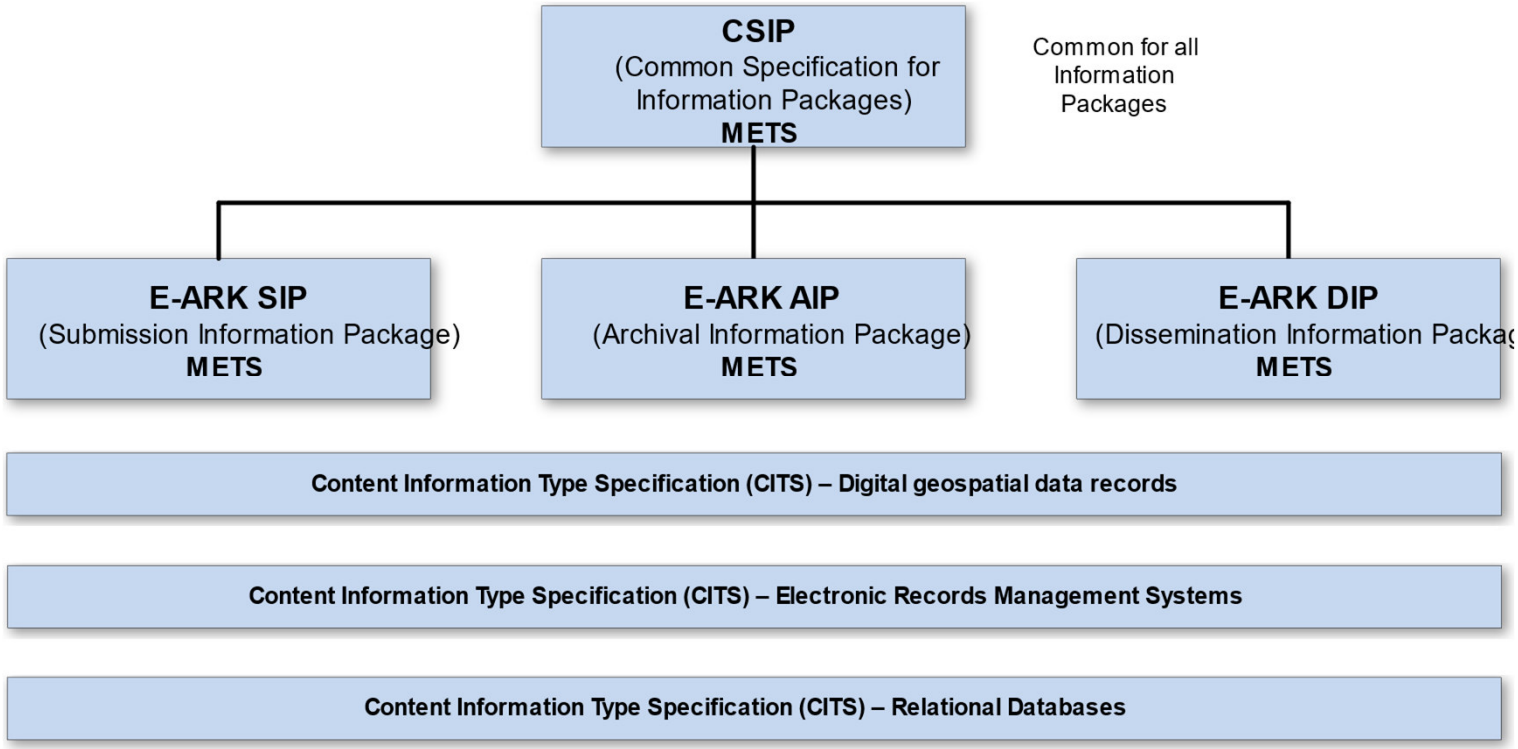
XML-Schema/Schemas

Expression of requirements not possible to make in the XML-schema

Guideline

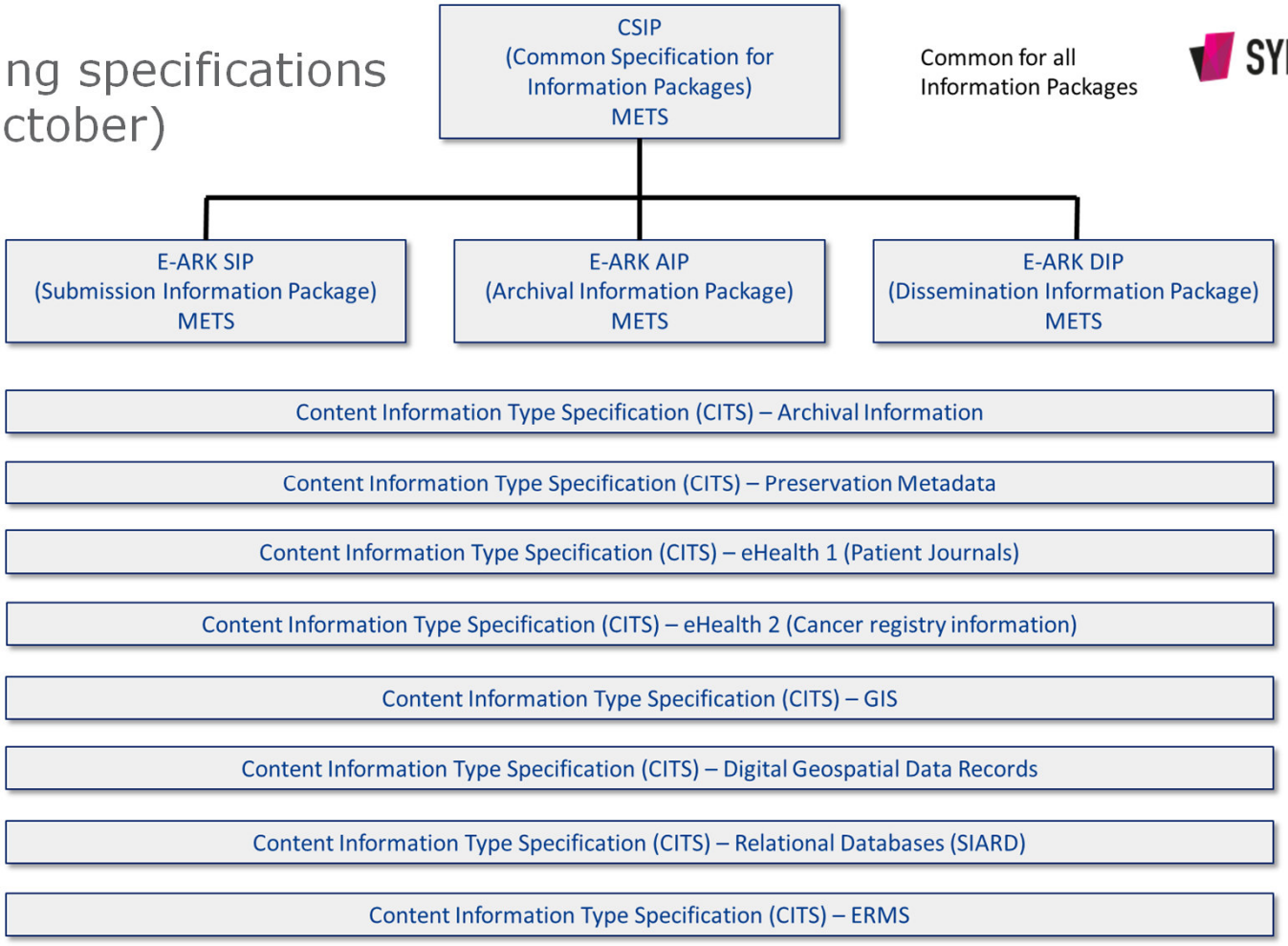
Example

eArchiving specifications (current)



https://github.com/DILCISBoard

eArchiving specifications (after October)



CITS ERMS revamped

CITS ERMS and CSIP

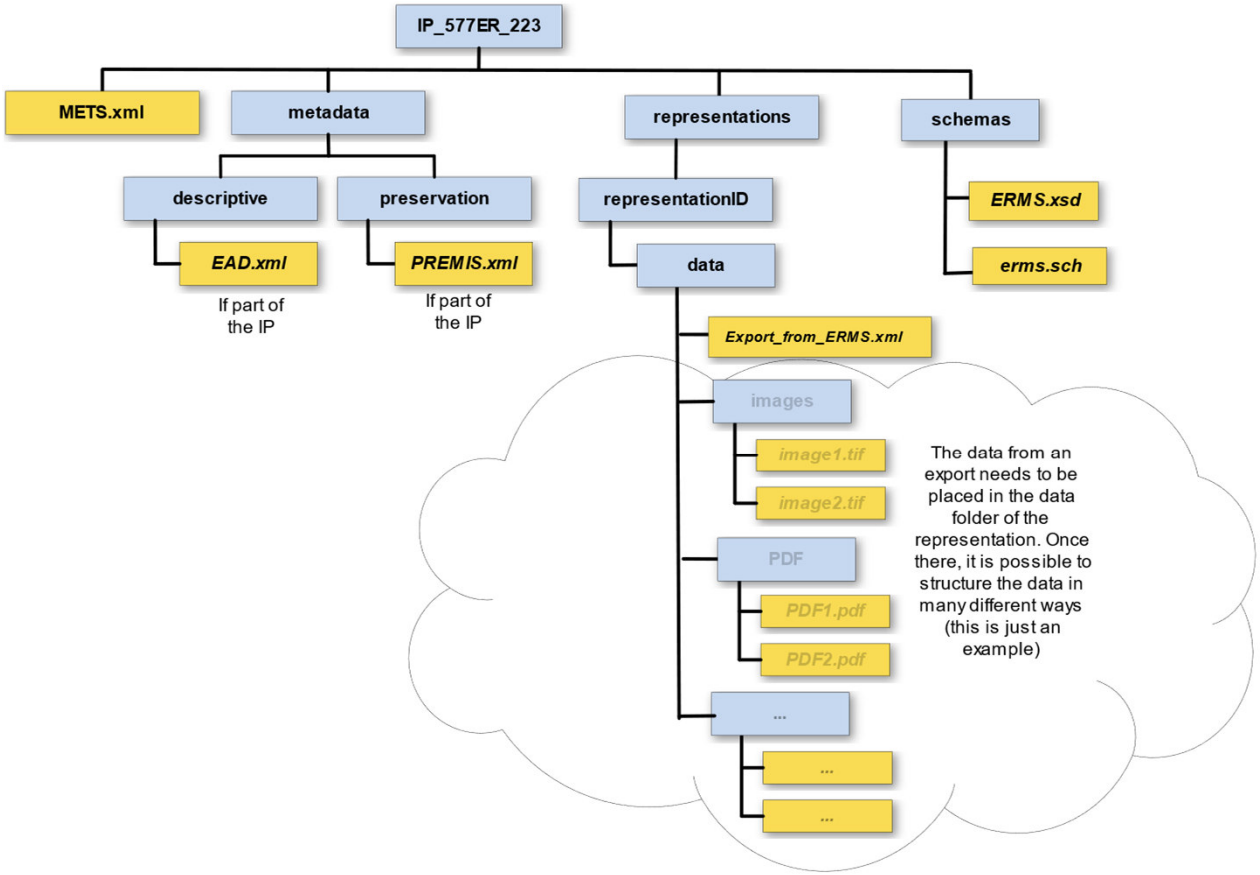
Table 1: Specific fields to use in CSIP

Element name	METS path	Value
General content type	mets/@TYPE	Dataset
Specific content type	mets/@csip:CONTENTINFORMATIONTYPE	ERMS
Specific content type	fileGrp/@csip:CONTENTINFORMATIONTYPE When the FileGrp describes a Representation	ERMS

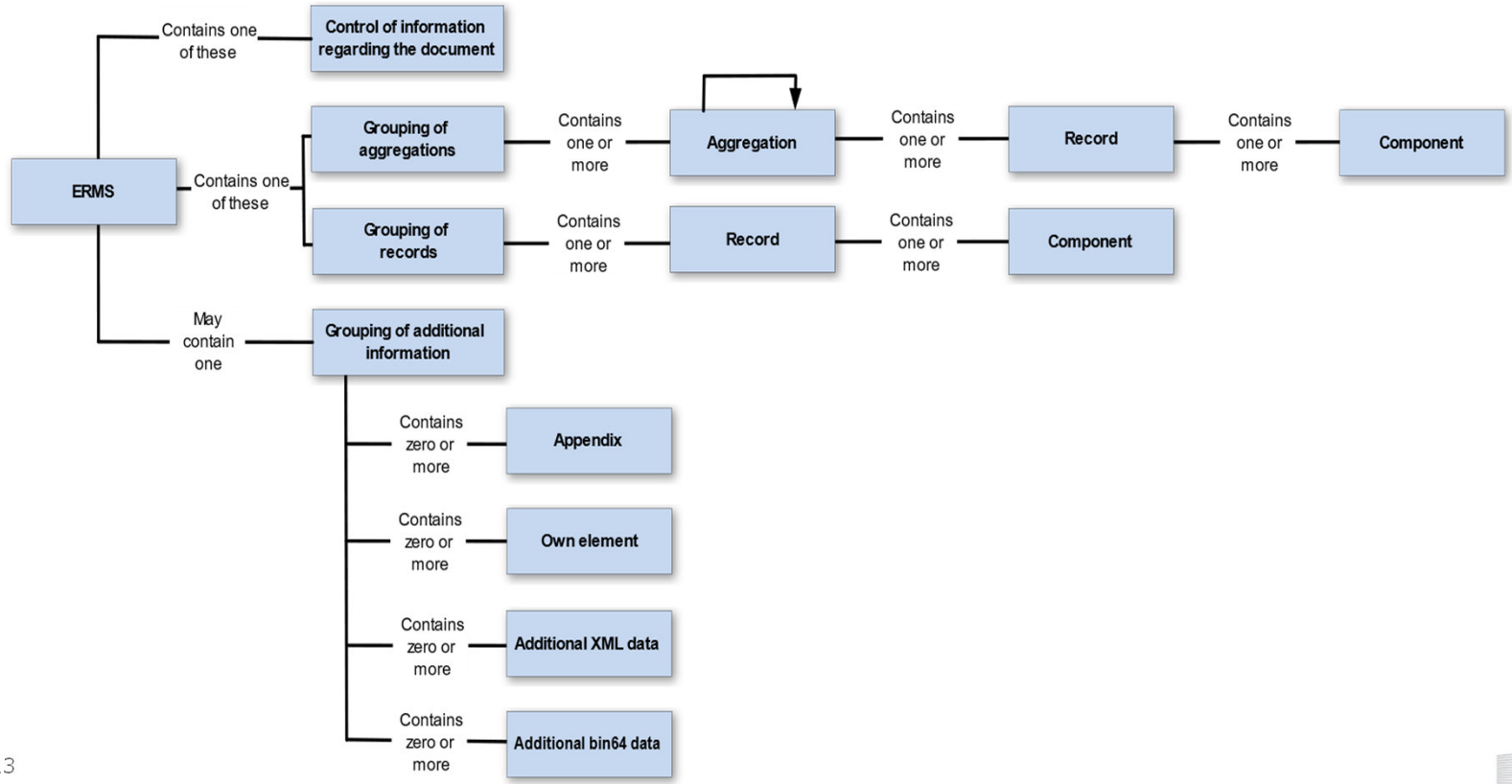
3.3.2 Placement of data in a CSIP Information Package

The ERMS document is placed as a representation file following the instructions in CSIP.

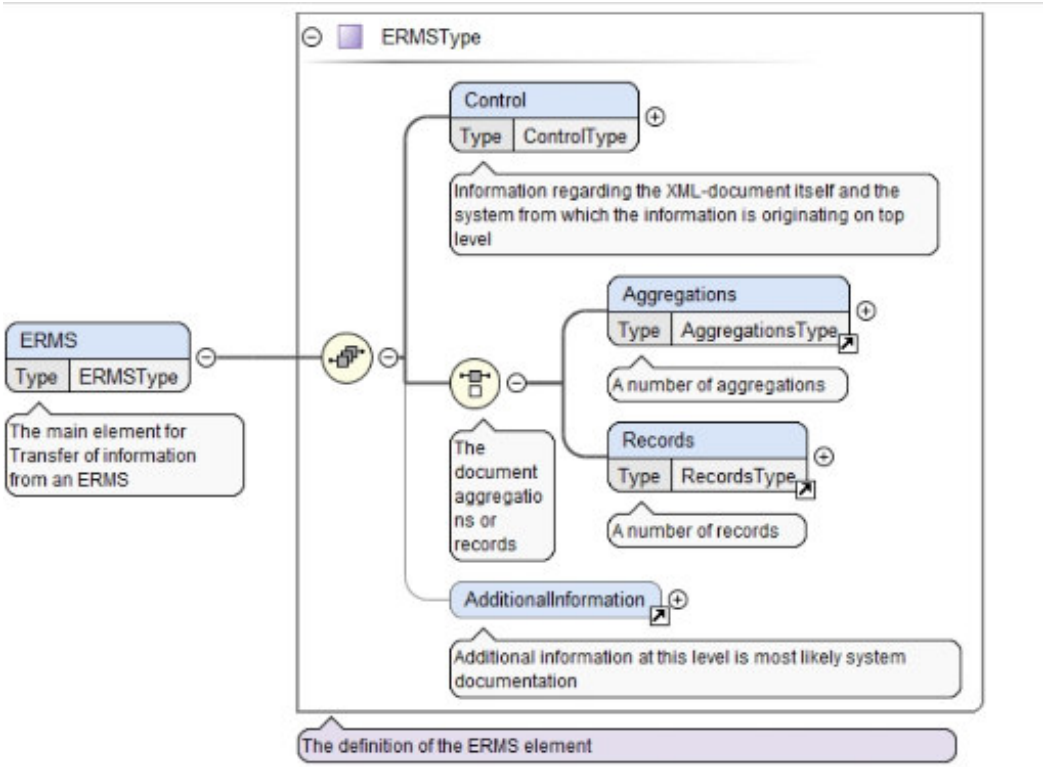
CITS ERMS placement



CITS ERMS Main elements



CITS ERMS XML-schema + Schematron



ERMS Survey

CITS ERMS survey

https://ec.europa.eu/eusurvey/runner/ERMS_eARCHIVING_2021

- A survey ending on the 31st of May to find out more!

This study aims at gaining a better understanding of the following questions:

- What are the **most prevalent Electronic Records Management Systems** (ERMS) across different countries?
- What are the most **common data access APIs and** export functions provided by current ERMS?
- What are the **standards or regulations** that guide the implementation metadata within ERMS across different jurisdictions?
- What are the standards or regulations that guide the implementation of **classification systems** within ERMS across different jurisdictions?
- What are the perceived **benefits of transferring records from an ERMS to a long-term eArchiving system**?

Links

- **https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/eArchiving**
- **https://dilcis.eu/**
- **https://github.com/DILCISBoard**
- **https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/Sample+Software+Portfolio**
  https://github.com/E-ARK-Software
- **https://joinup.ec.europa.eu/collection/interoperability-test-bed-repository/solution/interoperability-test-bed/news/itb-and-cef-earchiving**
- **https://riksarkivet.se/e-arkiv**
- **https://riksarkivet.se/intro-fgs**
  https://www.eark-project.com/index.html
- **https://www.moreq.info/**

Questions?

Tack!

Karin Bredenberg

SYDARKIVERA.