

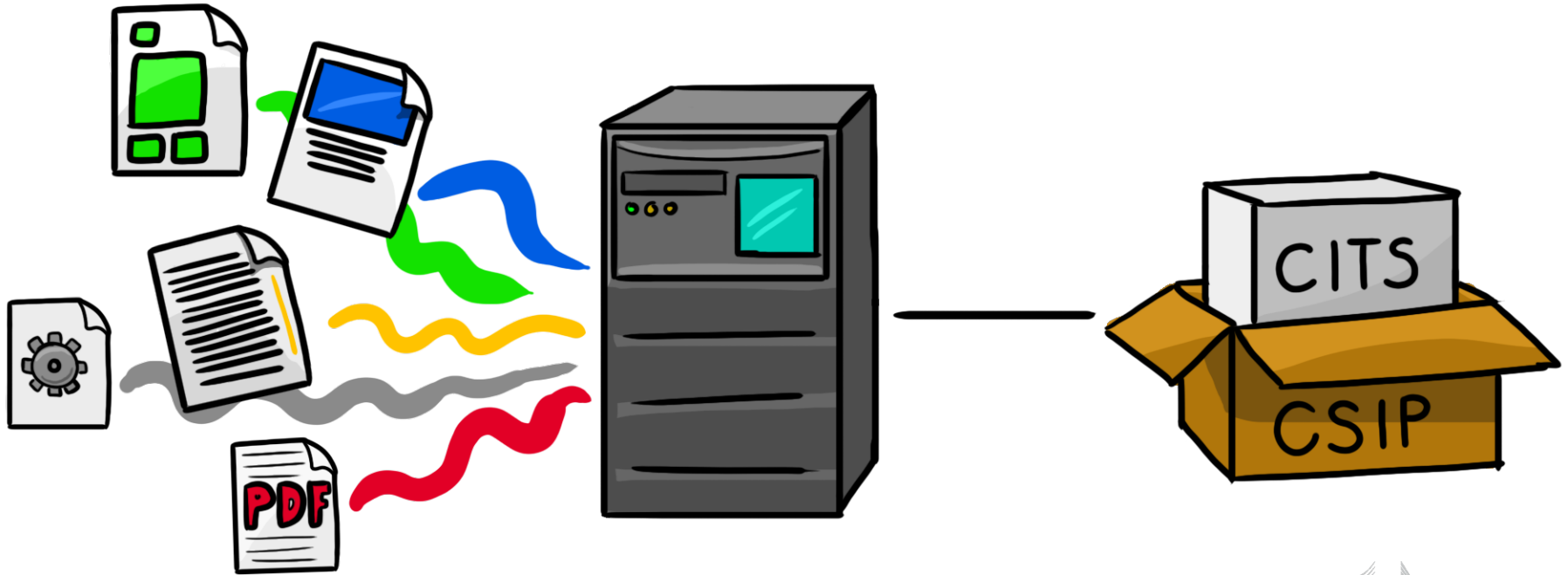


Finding specifications for interoperability (through a fridge)?!

Karin Bredenberg, Sydarkivera

eArchiving Initiative Training Webinar

Why all the fuss about specifications?



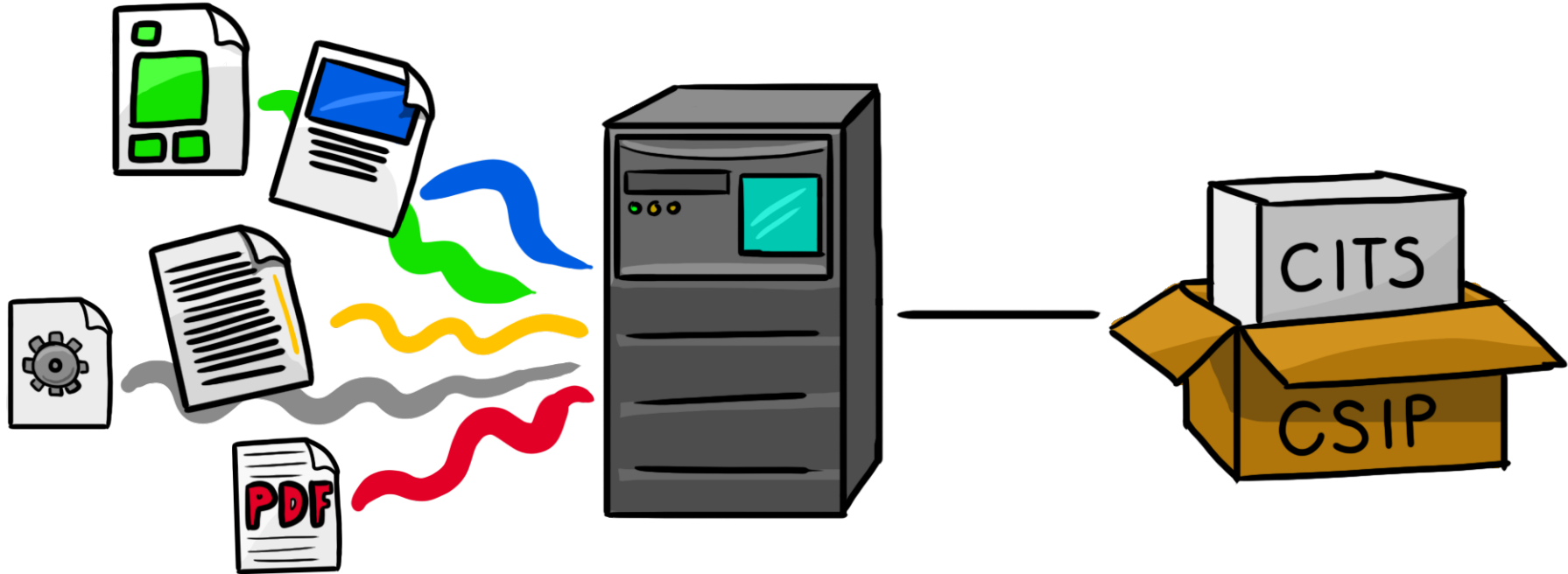
Who are the implementers of the specifications?



There are many ways of doing it, can there be one way?



What if we follow the same way?



Let's work together and use the same specifications



Specifications

An explanation

100101

100110



European Committee for Standardization



Metadata Encoding & Transmission Standard

Official Web Site

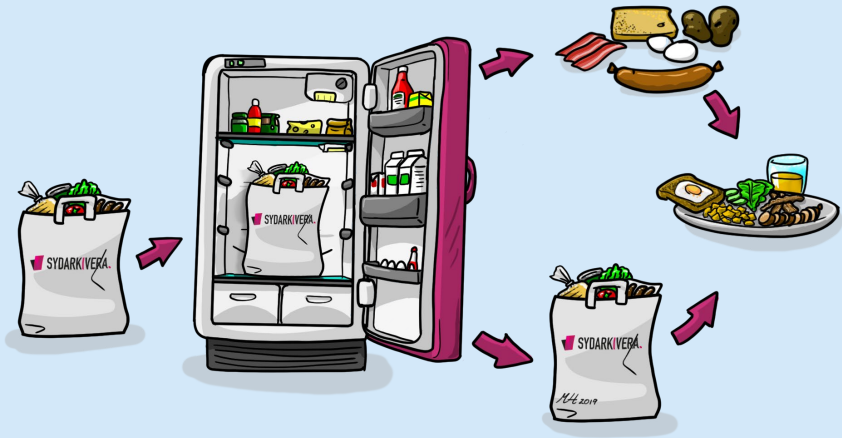
P R E M I S

PRESERVATION METADATA
MAINTENANCE ACTIVITY

The basis is always the Standards

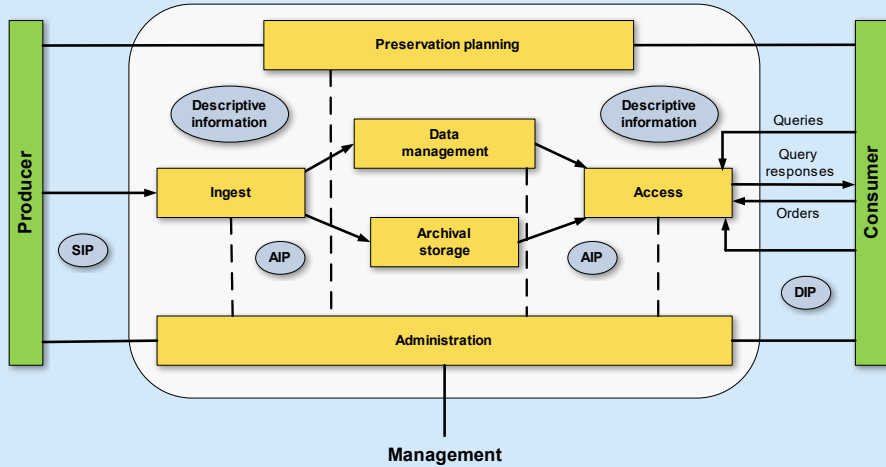
My fridge

(OAIS Reference model)



- Open Archival Information System
- ISO 14721:2012

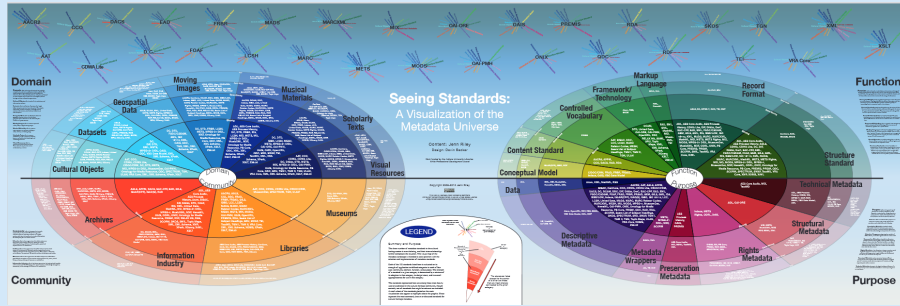
The usual OAIS image



- Open Archival Information System
- ISO 14721:2012

A lot of standards

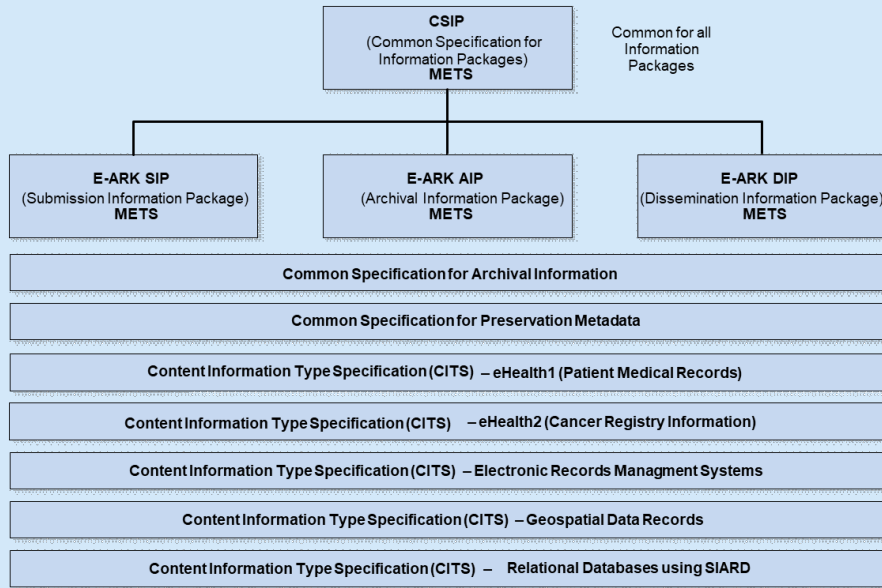
- <http://jennriley.com/metadata-map/>



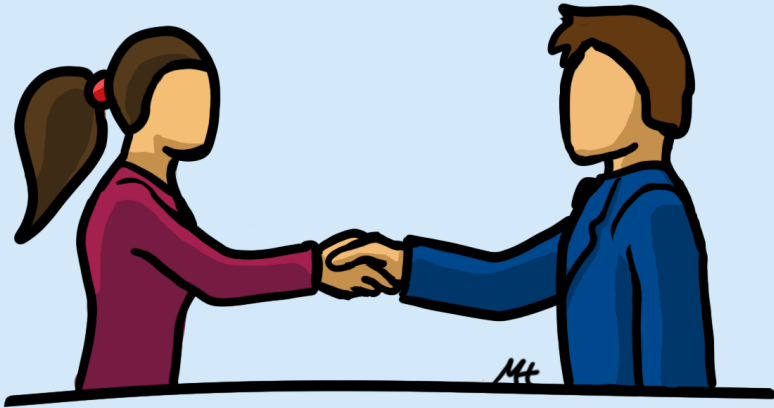
Extensible Markup Language (XML)

Specifications/Profiles

We create the basis for all users



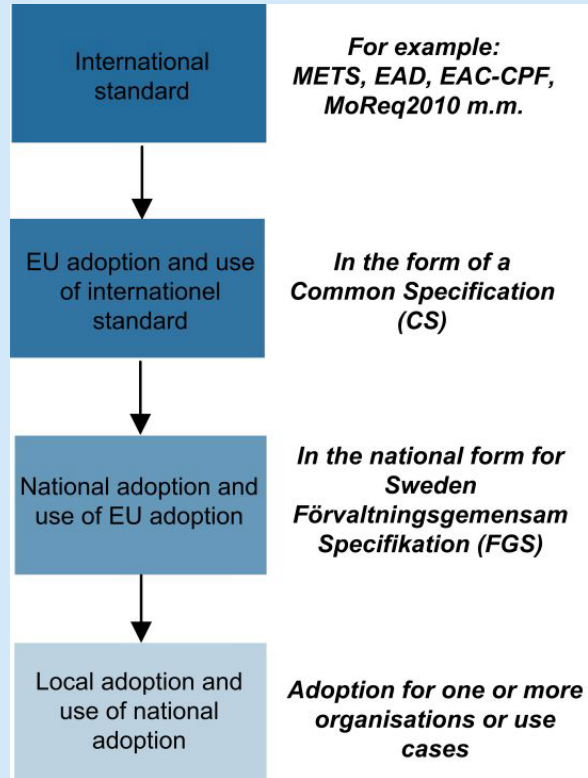
Making sure we use
the standards in the
same way





Use profiles

Most demands closest to the user



- Swedish example

Two different types of specifications

100101

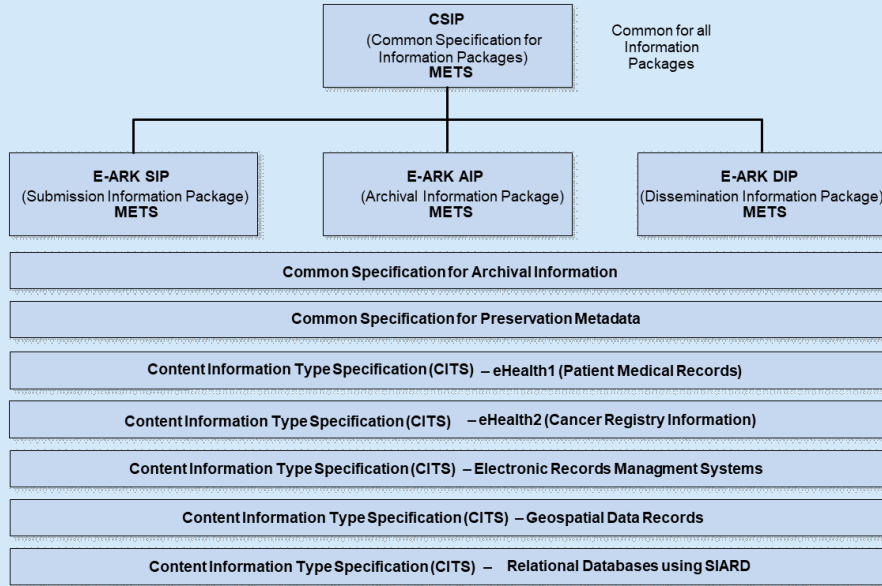
100110



Digitalbevaring.dk

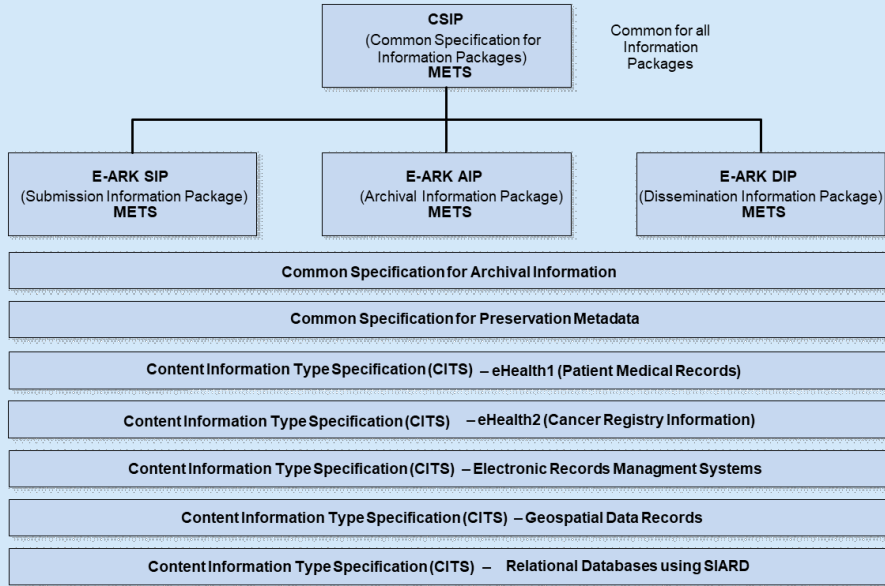
Common Specifications

CSIP



- Common Specification for Information Packages
- <https://earkcsip.dilcis.eu/>

E-ARK profiles for SIP, AIP and DIP



- <https://earksip.dilcis.eu/>
- <https://earkaip.dilcis.eu/>
- <https://eardip.dilcis.eu/>

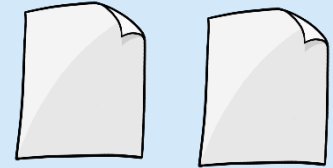
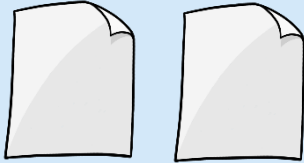
Content Information Type Specification (CITS) – eHealth1 (Patient Medical Records)

Content Information Type Specification (CITS) – eHealth2 (Cancer Registry Information)

Content Information Type Specification (CITS) – Electronic Records Management Systems

Content Information Type Specification (CITS) – Geospatial Data Records

Content Information Type Specification (CITS) – Relational Databases using SIARD



Content Information Type Specifications

Content

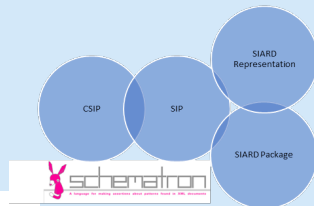
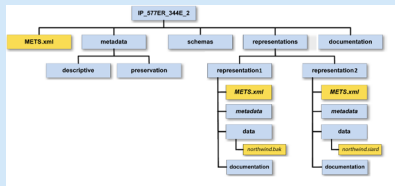
- Information
- Data





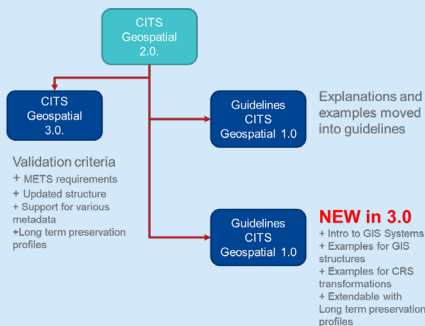
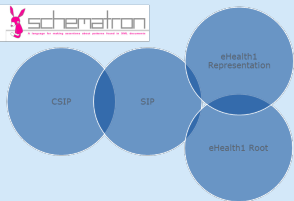
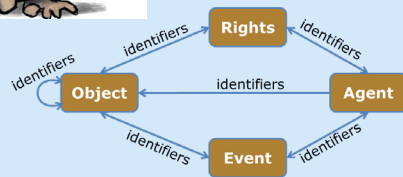
Families

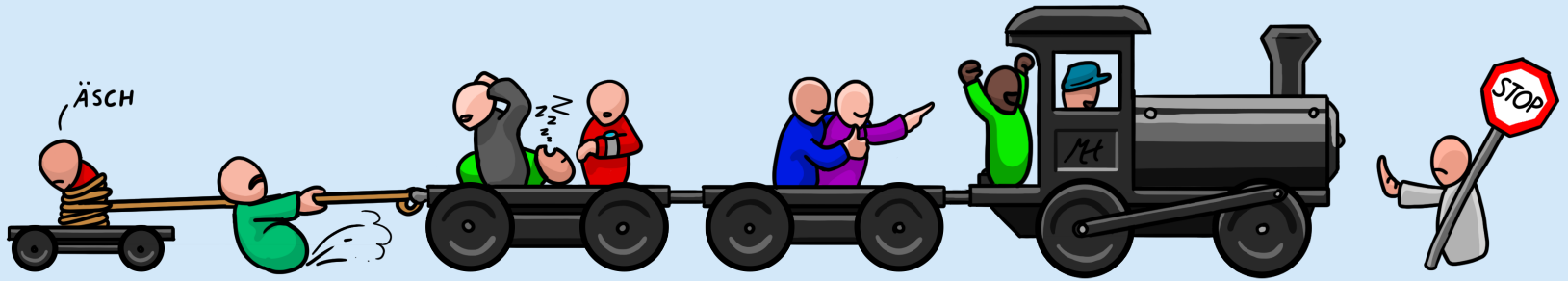
- Financial information
- Health
- Social media



Different ways

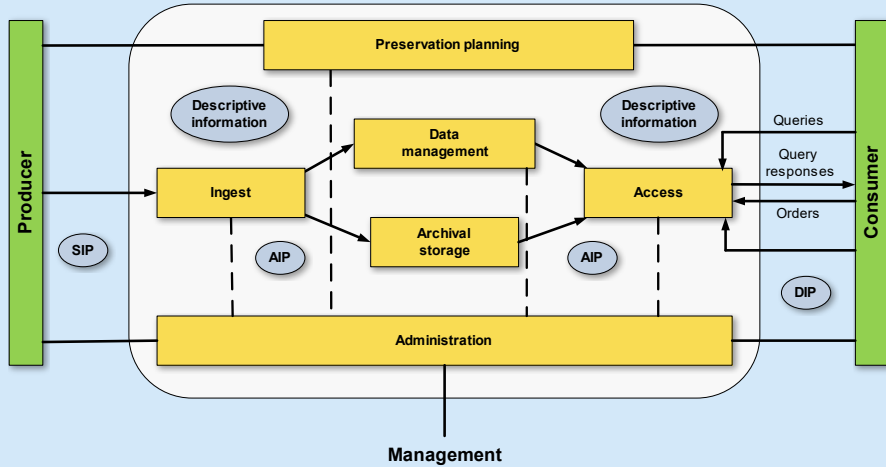
- An XML-schema for the data
- What to have in the package
- What extra is needed
- How to use a standard





Usage

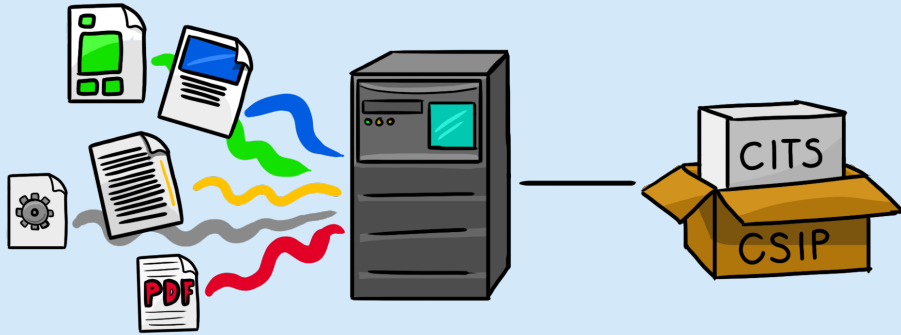
Import/Saving/Export





A commonly used format makes the information/data easy to understand and reuse

Interoperability!





Management and Development

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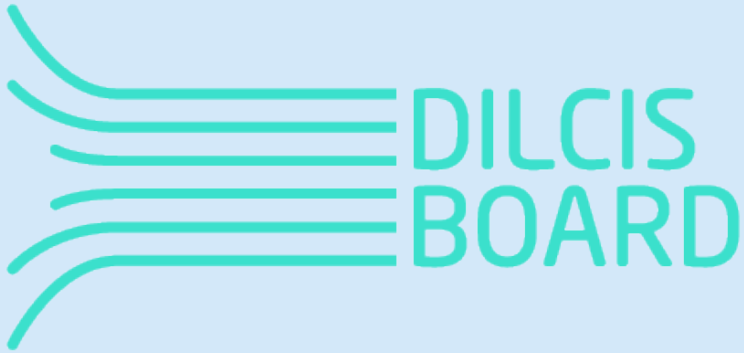




Specification managers

DILCIS Board

- Digital Information LifeCycle Interoperability Standards Board
- <https://dilcis.eu/>
- With support from DLM Forum and the E-ARK Consortium

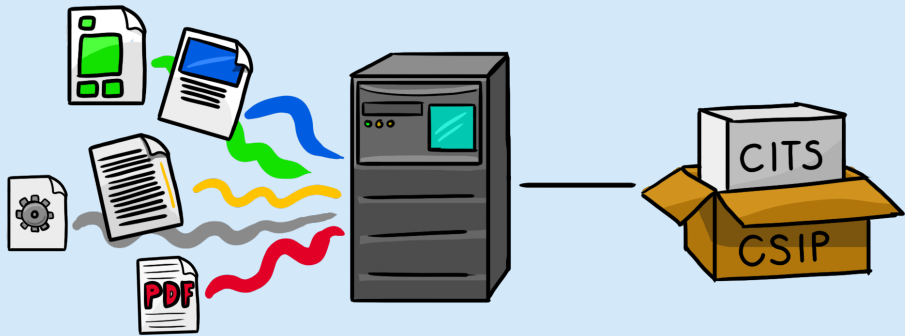




Specifications on GitHub

- <https://github.com/DILCISBoard>

Core





Now on-going



Updated specifications
published on the
17th of May



Just closed

- Call for comments on a new CITS



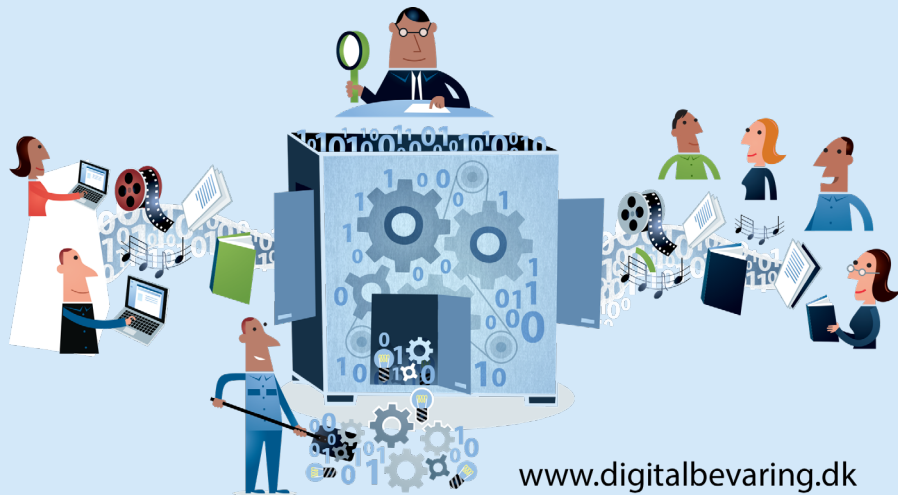
Future

More CITS!



www.digitalbevaring.dk

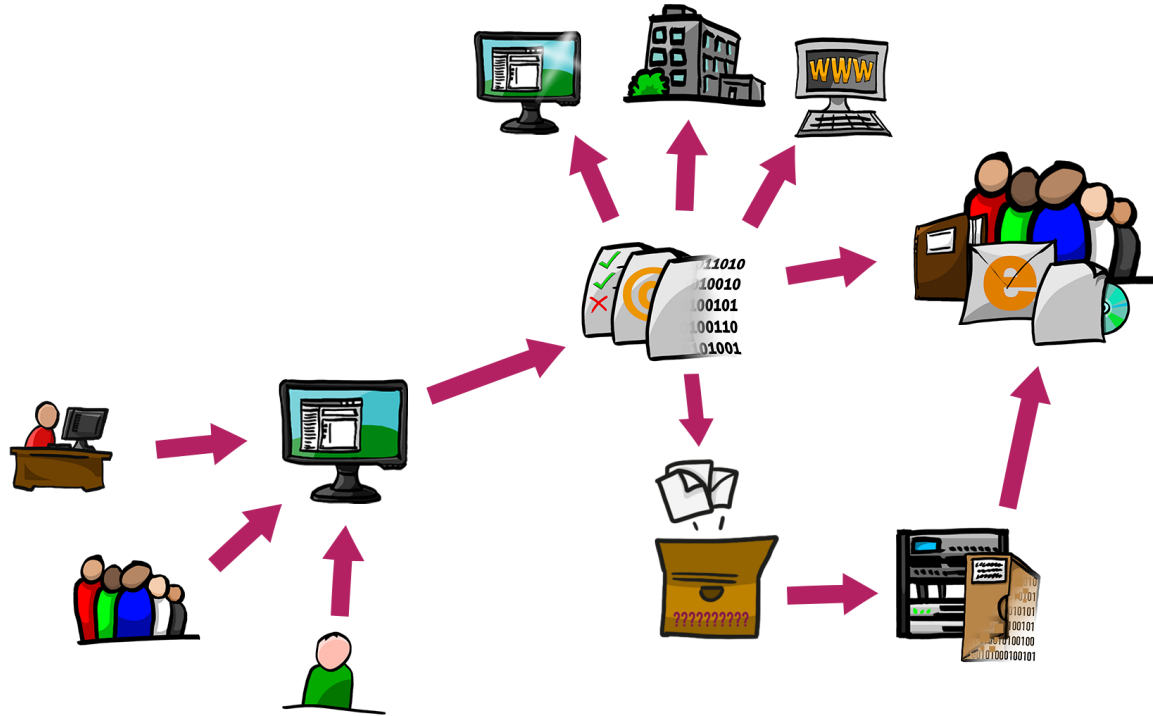
Help needed for CITS creation!



Endorsement procedure



Aiding interoperability to make the past, today and the future understandable



We need to work together for a common long-term solution



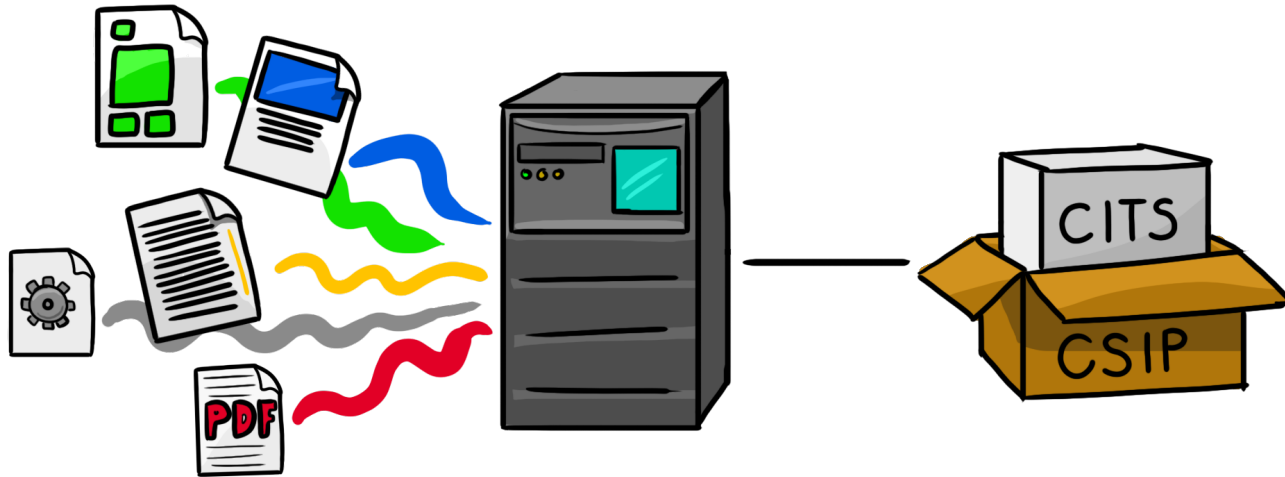
Let's cooperate and use the same specifications!



Working together makes us strong!



Contribute, reuse and use! Interoperability!





Thank you

Images courtesy of:
DILCIS Board
The different standard groups
Sydarkivera
Digitalbevaring.dk
Susanne Danelius

Contact



<https://e-ark4all.eu/>



info@e-ark-foundation.com



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<https://www.linkedin.com/company/eu-e-archiving-initiative>



<https://www.youtube.com/@e-ark>