RODA-in

A generic tool for the mass creation of Submission Information Packages

José Carlos Ramalho
Dep. Informatics
University of Minho
jcr@di.uminho.pt

André Pereira
Dep. Informatics
University of Minho
pg28507@alunos.uminho.pt

Miguel Ferreira
KEEP SOLUTIONS Lda
mferreira@keep.pt

Luís Faria
KEEP SOLUTIONS Lda
lfaria@keep.pt

Context

Msc thesis developed in a software company and jointly supervised

Part of the work done in the context of an European Union project: FP7 CIP-ICT-PSP-2013-7, "E-Ark - European Archival Records and Knowledge Preservation"

- Provide a normalised and efficient access to the workflows for the three main activities of an archive:

  ✳ Acquiring

  ✳ Preserving

  ✳ Re-using

How should we manage digital information?

Digital Repository. information system able to store, preserve, organize and disseminate digital objects.

OAIS - Open Archival Information Systems
ISO 14721:2012

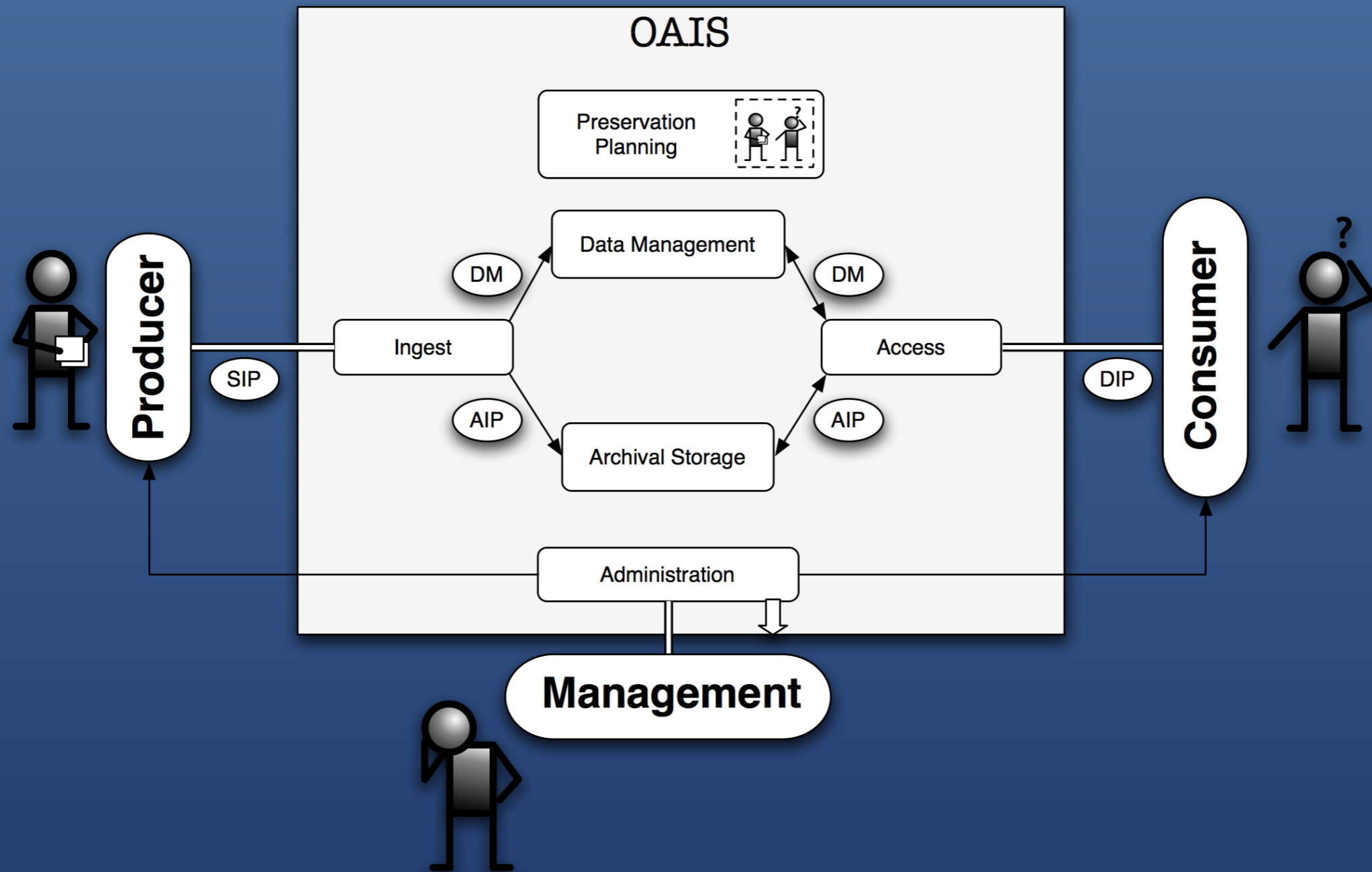It defines the functional components that should be part of an archival system aimed at digital preservation
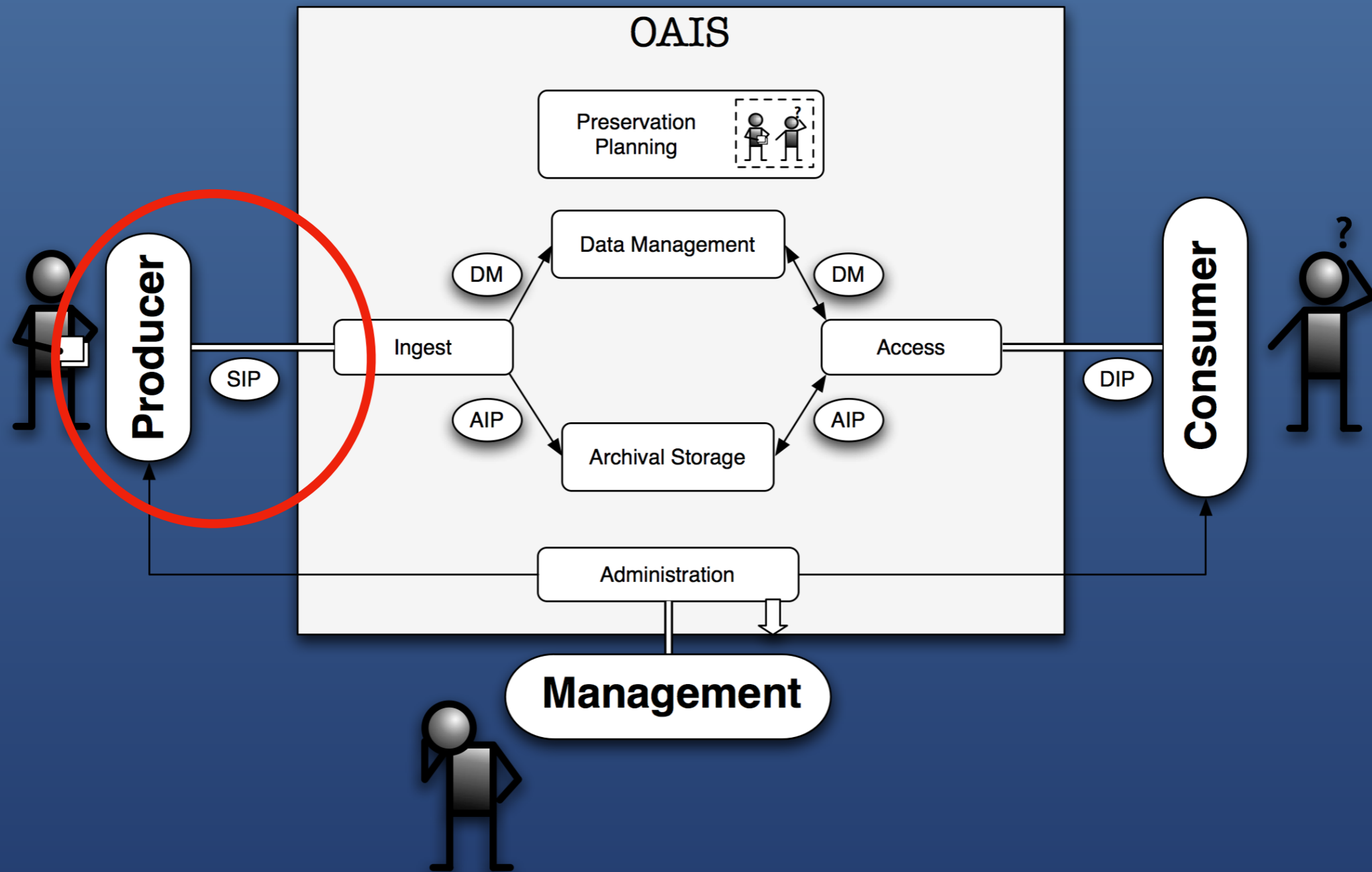
It defines internal and external interfaces

It characterizes digital objects being manipulated

It determines the terminology to be used in a preservation context

OAIS compliant

OAIS compliant

Ingest scenarios

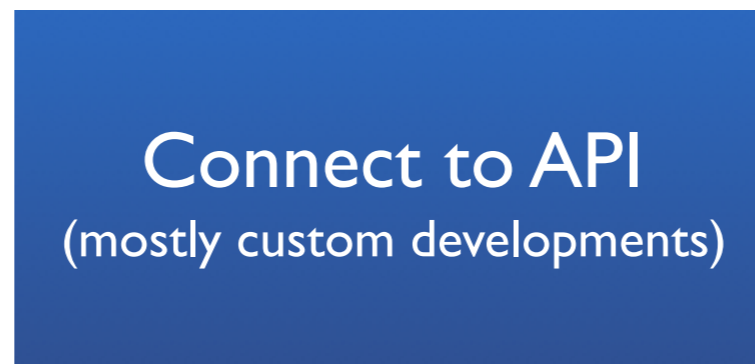Records on the file system

Records Management System
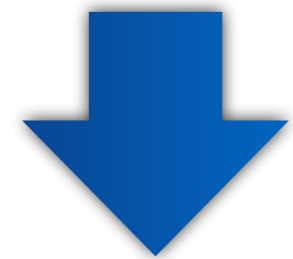

Records on a Database

Records on the file system

Records Management System

Records on a Database

RODA in
SIP creation tool

Connect to API
(mostly custom developments)
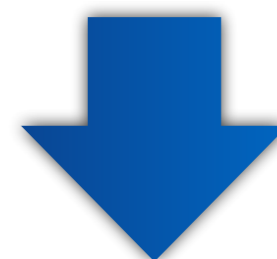
db database preservation .toolkit

The use case scenario…

A government agency accumulated a large volume of digital files under a shared folder

That folder served as the office archive and as a backup solution

The agency needs to send a part of that content to the archives for long-term preservation

The archive requires the agency to submit content in a set of well-established Submission Information Packages

Let's see how it works…

Records on the file system

Records on the file system

Packaging tool

RODA (in)
SIP creation tool

Records on the file system

Packaging tool

RODA in
SIP creation tool

EARK SIP

Records on the file system

Packaging tool

RODA in
SIP creation tool

EARK SIP

O RODA
Long-term digital repository

Transfer & ingest

Lets take a closer look at the tools…

It's a SIP creation tool

To be used by producers to prepare data to be sent to the repository

Compatible with the E-ARK SIP specification

Also supports the BagIt format

Designed to create thousands of SIPs with just a few clicks

SIPs can be gigabyte-size

Support for multiple descriptive metadata schemas

Templating system enables the user to create new metadata profiles

Templates provided for EAD 3, EAD 2002 and DC

Multi-language

English, Portuguese, Spanish and Hungarian at the moment

Multi-platform

Windows, Mac OS X, Linux

Offline operation

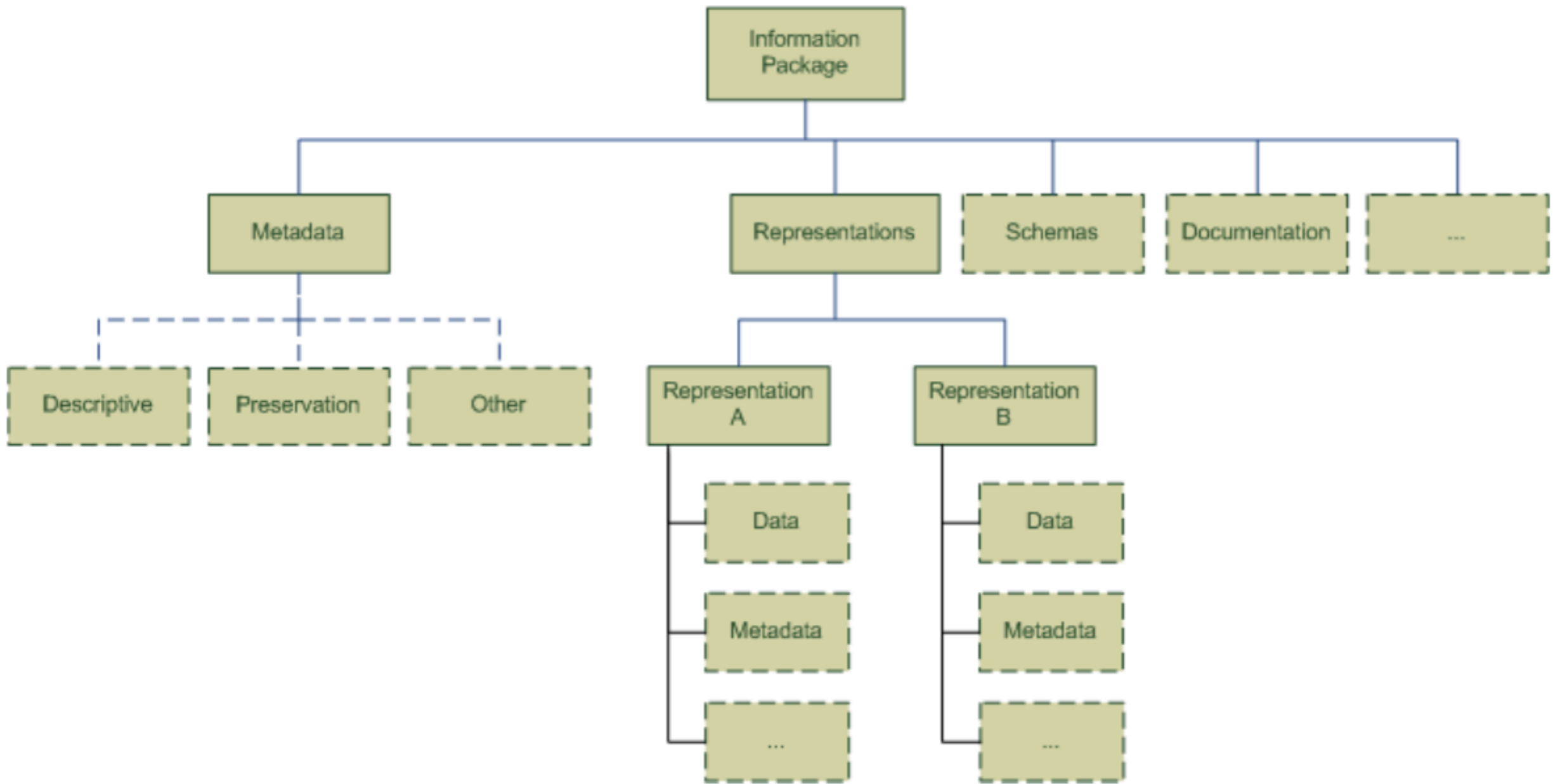No network is necessary to operate the tool. Essential for some producers

E-ARK SIP

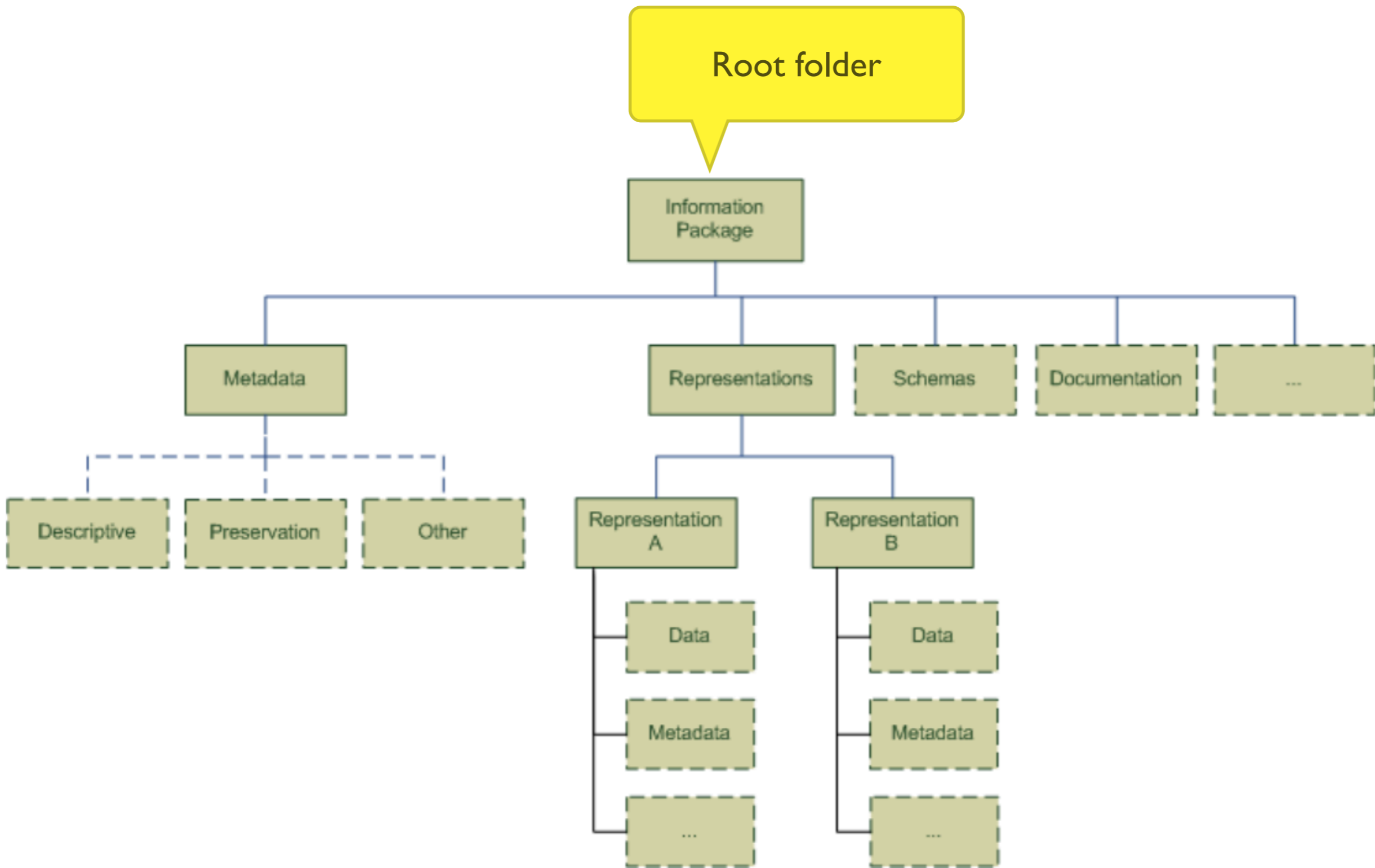Common Specification

E-ARK DIP

E-ARK AIP

Root folder

Information Package

Metadata | Representations | Schemas | Documentation | ...

Descriptive | Preservation | Other
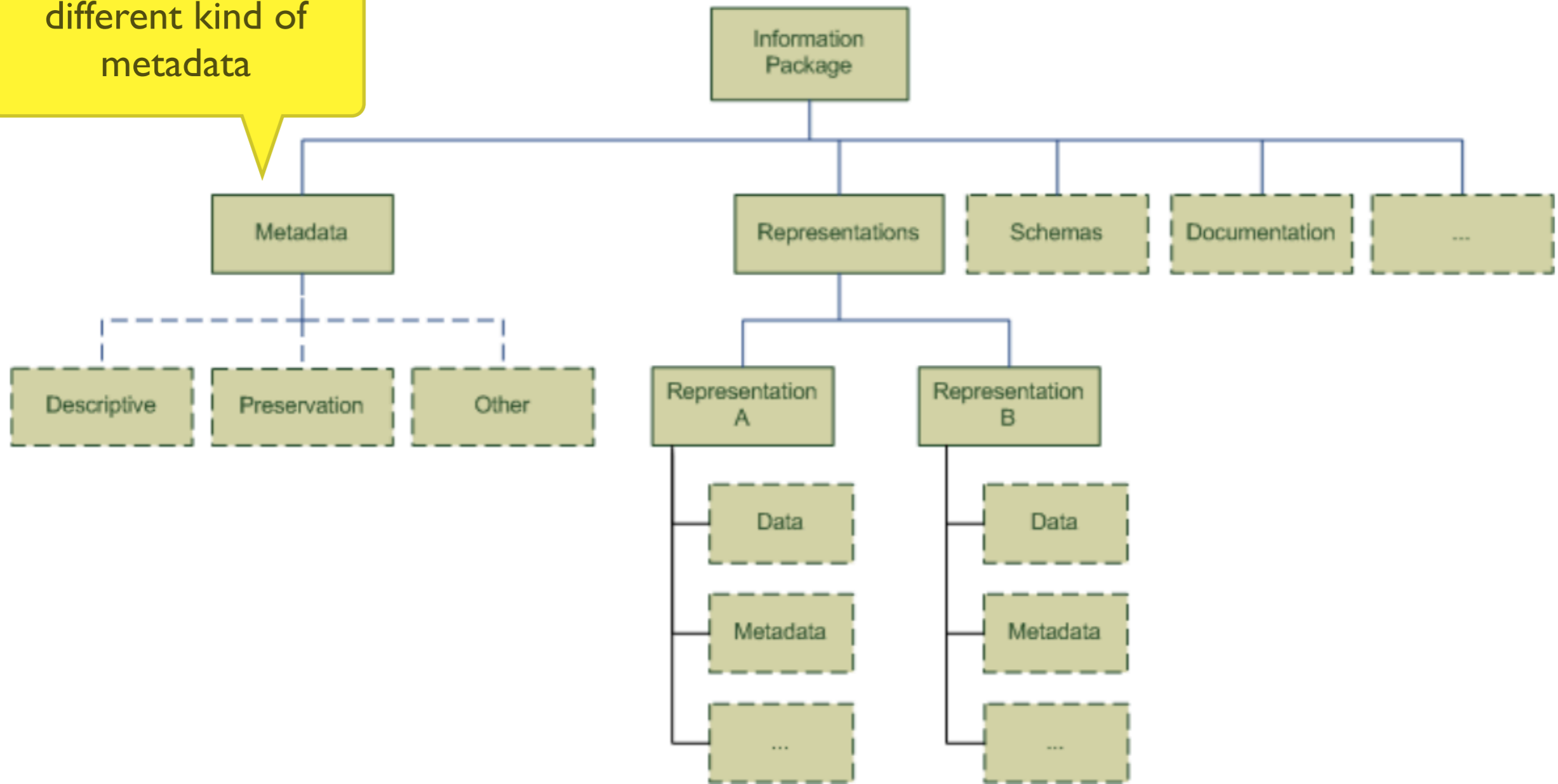
Representation A | Representation B

Data | Metadata | ...

Data | Metadata | ...

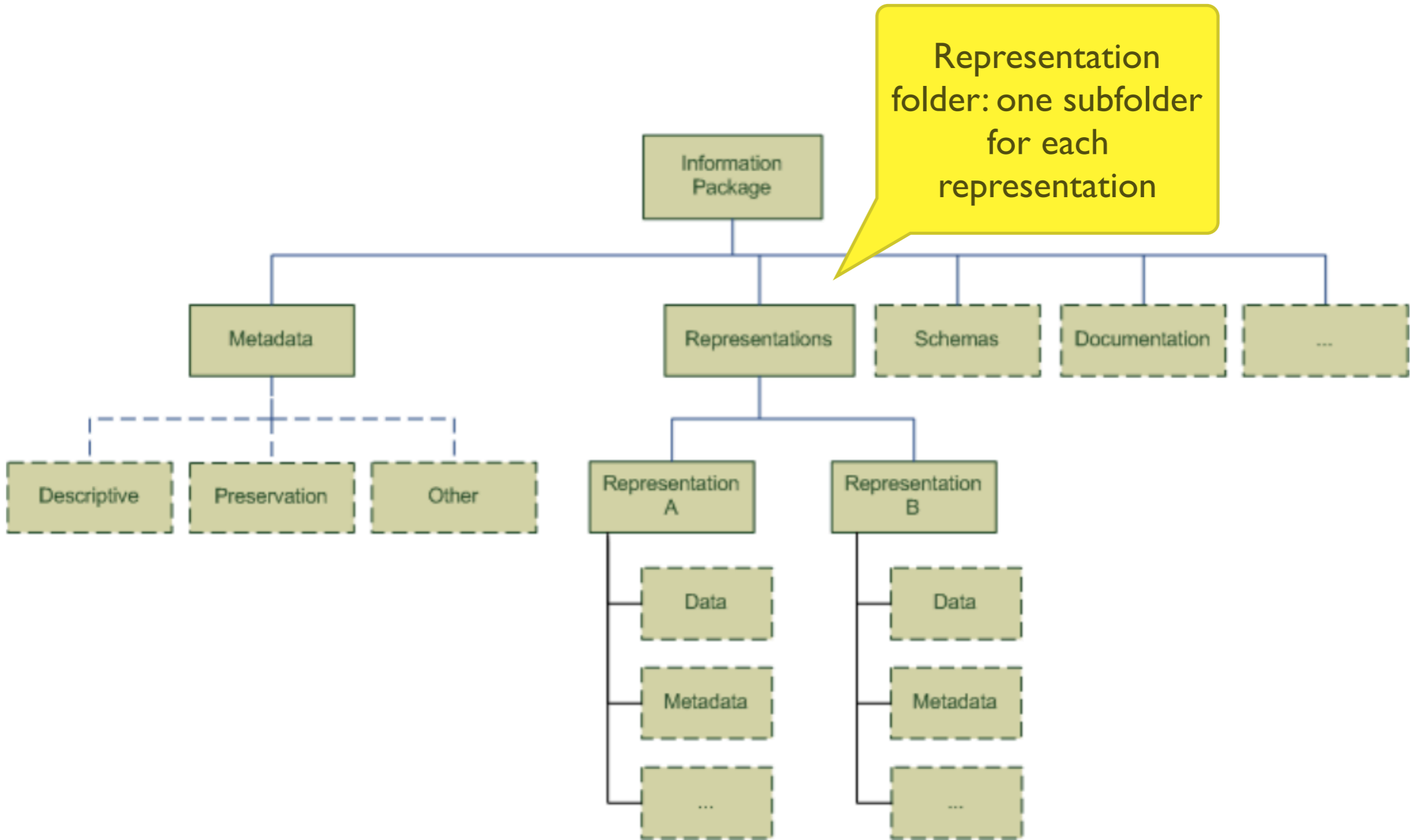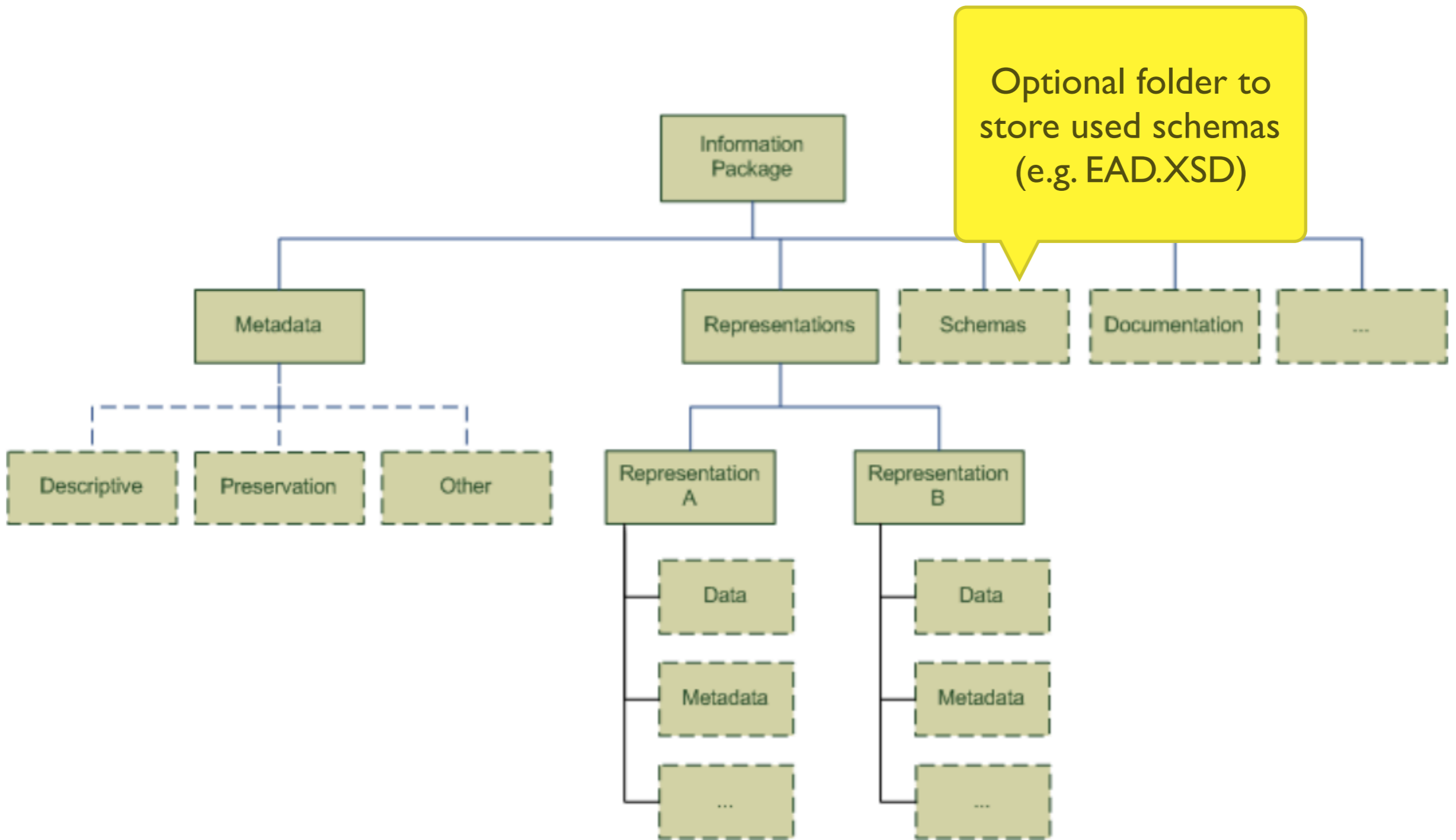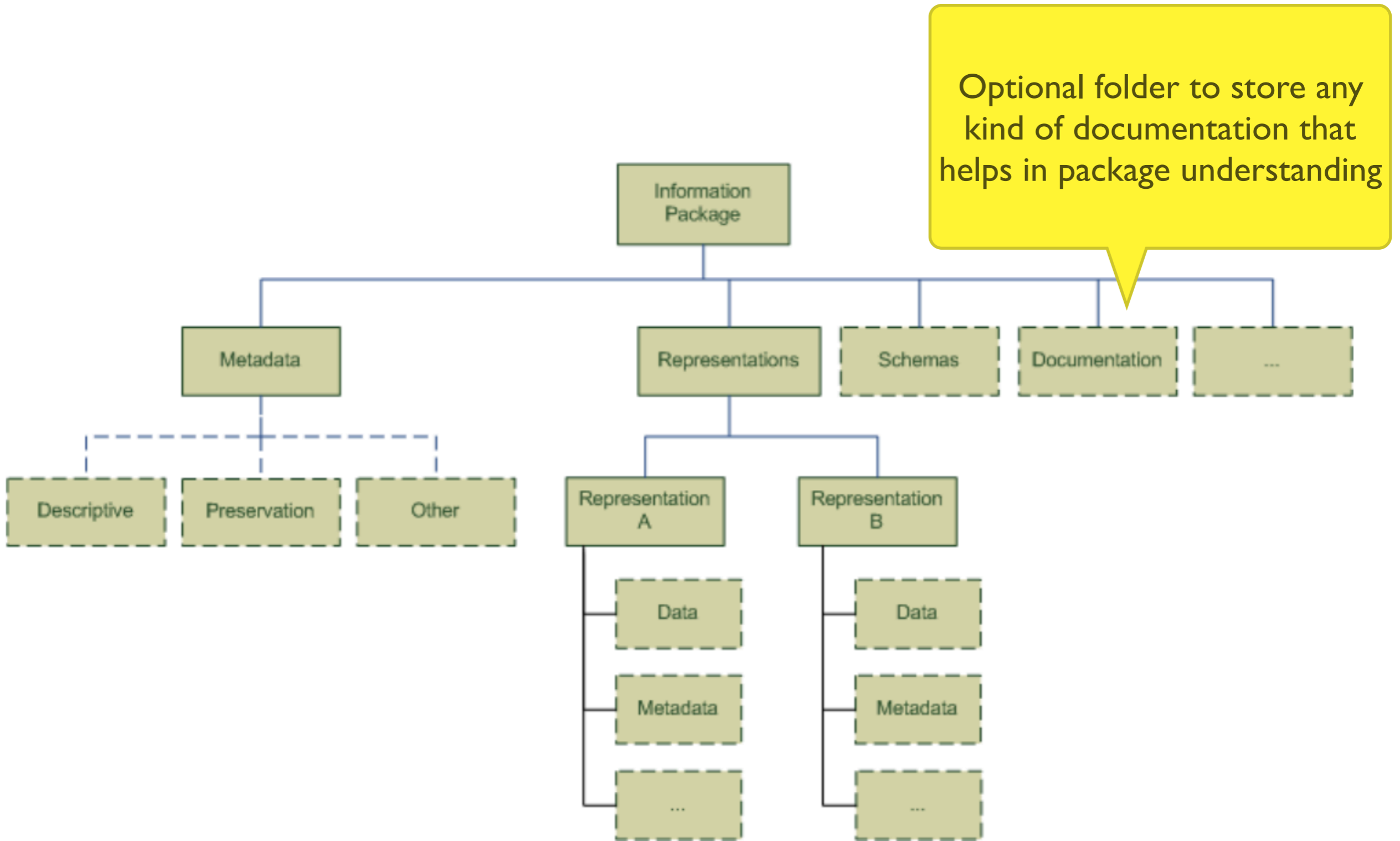Metadata folder: each subfolder holds a different kind of metadata

Information Package
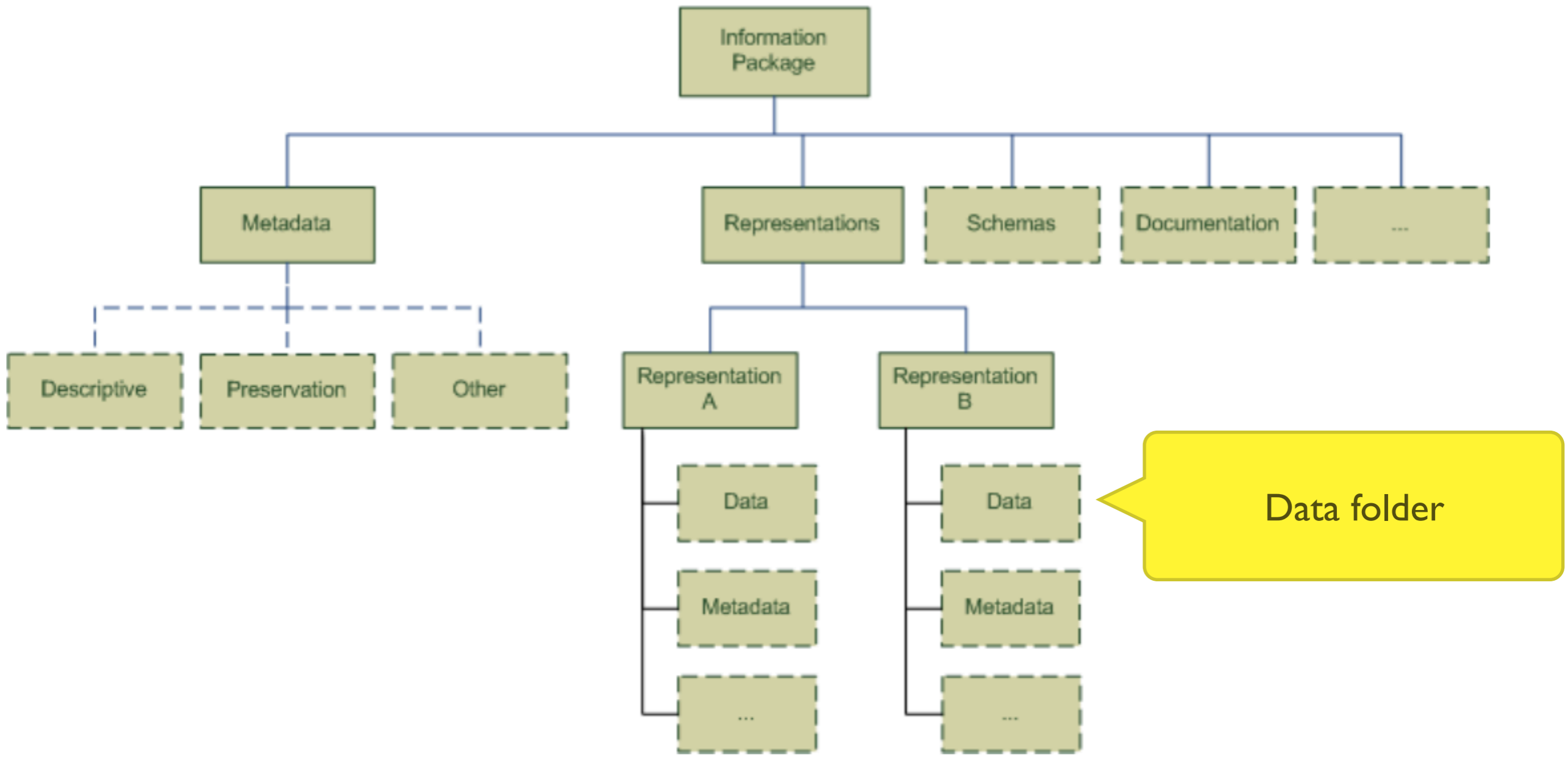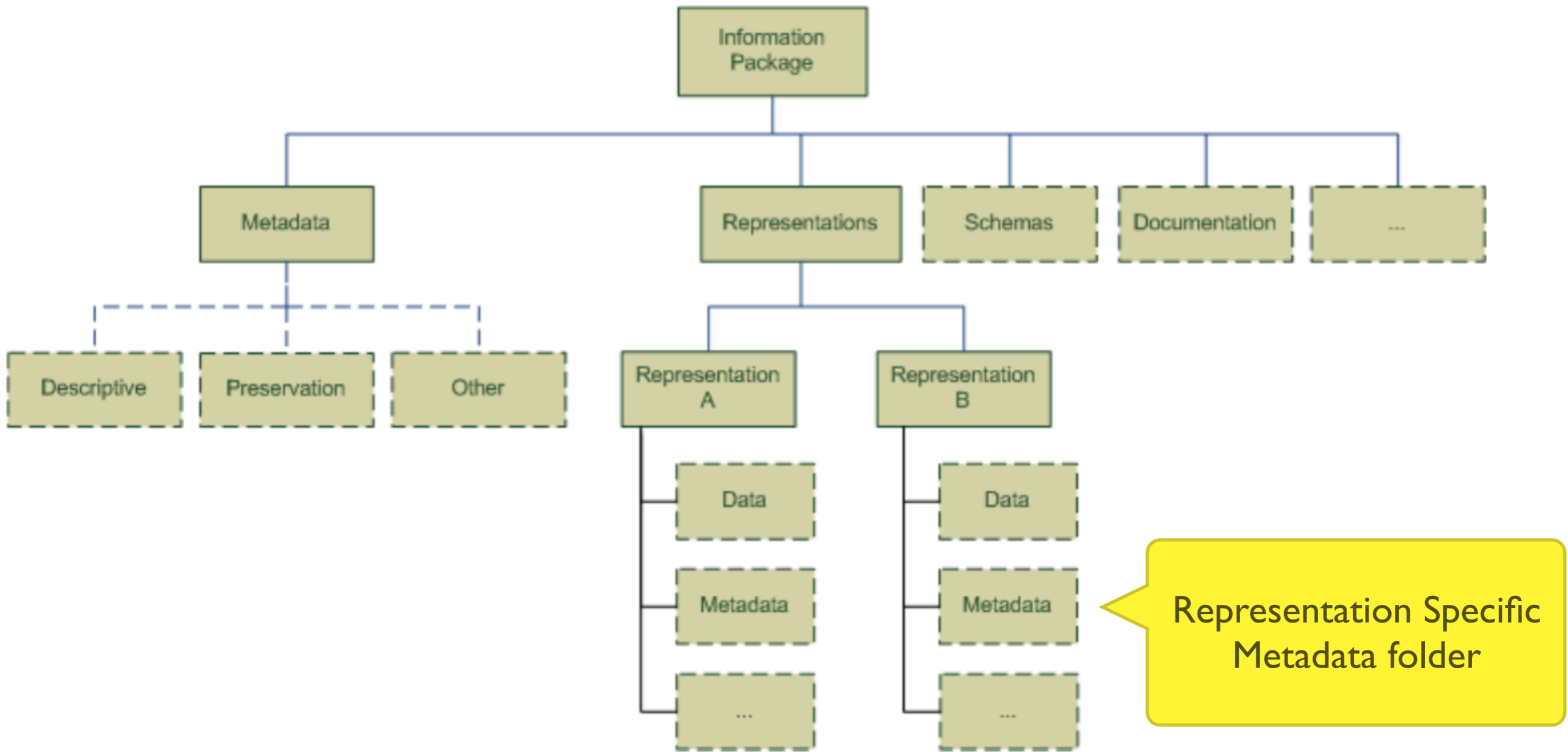
Metadata

Representations

Schemas

Documentation

...

Descriptive

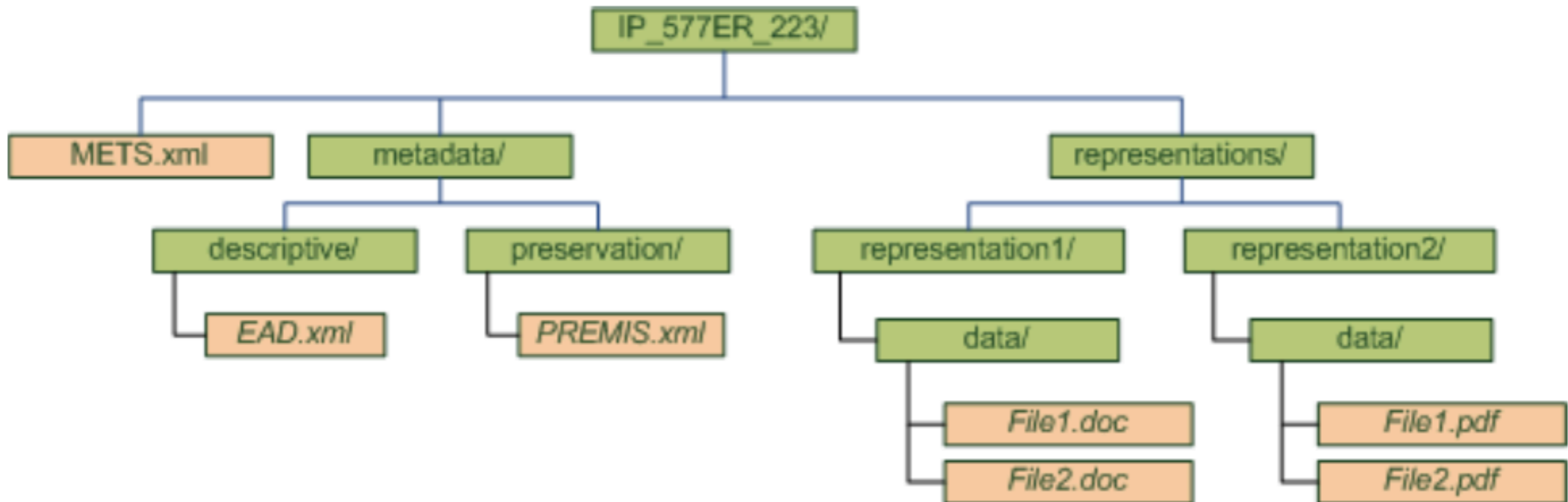Preservation

Other

Representation A

Representation B

Data

Metadata

...

Data

Metadata

...

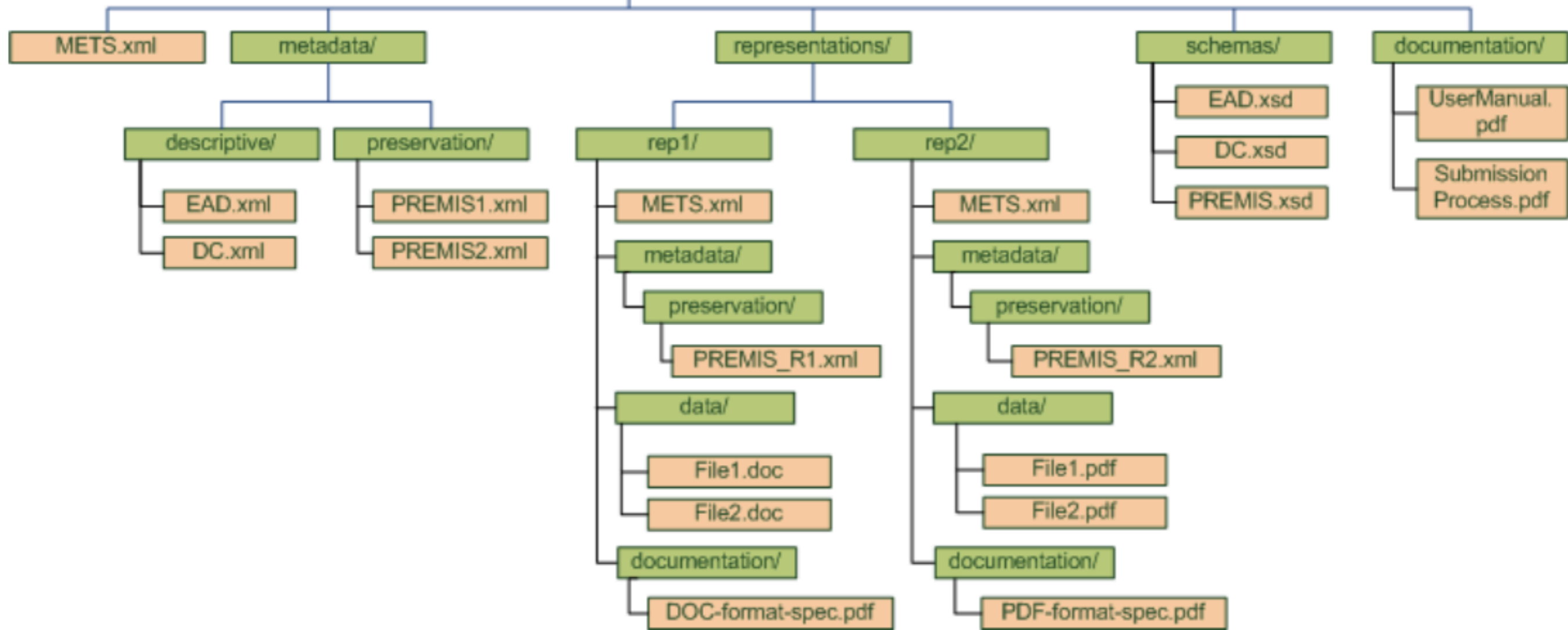Figure 9: Example of a simple use of the Common Specification structure

Figure 10: Example of the full use of the Common Specification structure

SOURCE FILE EXPLORER

- 📁 20160607 - The Hague - DLM Forum /Users/mferre
  - 📁 Presentation
    - 📁 00-studio
      - 📄 2016-06-09 - DLM Forum.ppt
      - 📄 2016-06-09 - DLM Forum.pptx
      - 📄 DLM forum presentation ideas.mm
  - 📄 hotel reservation day 2.pdf
  - 📄 Reserva voo.pdf
  - 📄 TAP receipt.pdf
- 📁 20160619 - Copenhaguen - WP5 meeting /Users/n
  - 📁 Agenda
  - 📄 20160619_FERREIRA_5RJA2J.pdf
  - 📄 Booking.com: Confirmation.pdf
  - 📄 eticket.pdf
  - 📄 Hotel reservation.pdf
  - 📄 LH_WEBITR.PT.PORTAL.5yqAysi1QXDSM0oC5C
  - 📄 LH_WEBITR.PT.PORTAL.rL22HY6GevzJbcVakPc

Ignore   **Associate**

CLASSIFICATION SCHEME

- 🗄 DLM_AGM_The Hague_Final program.docx
- 🗄 DLM_AGM_The Hague_Practical guide.docx
- 🗄 DLM_AGM_The Hague_Preliminary program.docx
- 🗄 Hotel reservation day 1.pdf

Add   **Remove**   **Export**

INSPECTION   🗄 DLM_AGM_The Hague_Preliminary program.docx   ✎

METADATA   </> ✓ +

Title	DLM_AGM_The Hague_Preliminary program.docx
Creator	
Description	
Description level	item ▾
Final date	🗓
ID	6f85e576-cc7a-45e3-ac62-70b02ce96c65
Initial date	🗓

DATA   🗄

- ▾ ☐ rep1
  - 🗄 DLM_AGM_The Hague_Preliminary program.docx

Add representation   **Remove**

SOURCE FILE EXPLORER

- ▼ 📁 20160607 - The Hague - DLM Forum   /Users/mferre
  - ▼ 📁 Presentation
    - ▶ 📁 00-studio
      - 📄 2016-06-09 - DLM Forum
      - 📄 2016-06-09 - DLM Forum
      - 📄 DLM forum presentatio
    - 📄 hotel reservation day 2.pdf
    - 📄 Reserva voo.pdf
    - 📄 TAP receipt.pdf
  - ▼ 📁 20160619 - Copenhaguen - WF
    - ▶ 📁 Agenda
      - 📄 20160619_FERREIRA_5RJ
    - 📄 Booking.com: Confirmation
    - 📄 eticket.pdf
    - 📄 Hotel reservation.pdf
    - 📄 LH_WEBITR.PT.PORTAL.5y
    - 📄 LH_WEBITR.PT.PORTAL.rL2

CLASSIFICATION SCHEME

- 📄 DLM_AGM_The Hague_Final program.docx
- 📄 DLM_AGM_The Hague_Practical guide.docx

INSPECTION   📄 DLM_AGM_The Hague_Preliminary program.docx ✏️

METADATA   </> ✓ +

CREATE ASSOCIATION TO "Root"

CHOOSE THE METADATA METHOD

Create new metadata from a template
Use this option to create metadata from a predefined model. The associated metadata for each SIP will be the same. After the SIP creation, the user should edit the metadata according to the data associated to each packet.

[EAD (2002) ▼]

Load from a single file
Use this option to add to each SIP one metadata file of your choice. The selected file will be added to each of the created SIPs.

[Choose File...]   Type: [EAD ▼]

Load from each directory
Use this option to include in the SIP a metadata file located in the root of the directory used to create the packet. The metadata file must have a defined pattern (e.g. metadata.*).

Pattern [metadata.xml]   Type: [EAD ▼]

Load from one directory
Use this option to select one directory where all the metadata files to include in the SIPs can be found. The association between metadata files and SIPs is done through the file name (ignoring the extension). In the cases where no association can be made, the SIP will not contain metadata.

[Choose Directory...]   Type: [EAD ▼]

[Cancel ✖]   [◀ Back]   [Confirm ▶]

Add representation

[Ignore]   [Associate]   [Add]   [Remove]   [Export]   [Remove]

SOURCE FILE EXPLORER

CLASSIFICATION SCHEME

INSPECTION   📄DLM_AGM_The Hague_Preliminary program.docx   ✎

- ▼ 📁 20160607 - The Hague - DLM Forum   /Users/mferre
  - ▼ 📁 Presentation
    - ▶ 📁 00-studio
      - 📄 2016-06-09 - DLM Forum
      - 📄 2016-06-09 - DLM Forum
      - 📄 DLM forum presentatio
  - 📄 hotel reservation day 2.pdf
  - 📄 Reserva voo.pdf
  - 📄 TAP receipt.pdf
- ▼ 📁 20160619 - Copenhaguen - WF
  - ▶ 📁 Agenda
    - 📄 20160619_FERREIRA_5RJA
    - 📄 Booking.com: Confirmatior
    - 📄 eticket.pdf
    - 📄 Hotel reservation.pdf
    - 📄 LH_WEBITR.PT.PORTAL.5y
  - 📄 LH_WEBITR.PT.PORTAL.rL2

📄 DLM_AGM_The Hague_Final program.docx

📄 DLM_AGM_The Hague_Practical guide.docx

METADATA   </> ✓ +

CREATE ASSOCIATION TO "Root"

CHOOSE THE ASSOCIATION METHOD

One description item for each selected files or folders

Use this option to create a SIP for each of the selected files or folders. If you selected five files and/or folders, the association will create five SIPs, i.e. five descriptive items. Each one of these items can correspond to a distinct description level.

One description item with all selected files and/or folders

Use this option to create one and only one SIP containing all selected files and folders. If you selected five folders and/or files the association will result in one SIP corresponding to one item with a set description level.

One description item for each file under the selected folder(s)

Use this option to create one SIP for each file under the selected folder(s). This operation will create a set of SIPs equal to the number of files under the selected folder(s).

One classification scheme from folder structure

This option creates description objects in addition to submission packages. It should be used when the folder structure is well organized and resembles the desired output plan. If a folder only has sub-folders, it creates a Series. When a folder's children are just files, the whole folder will be used to create one submission package. In a situation where a folder has a mixed contet, files and sub-folders, each file will be a submission package and each sub-folder will be a Series.

Cancel ✖   Continue ❯

Ignore   Associate   Add   Remove   Export   Add representation   Remove

Where can I find it?

RODA (in)
SIP creation tool

Tool to create Submission Information Packages (SIP)

⊞ Download for Windows   **🍎 Download for Mac**   **🐧 Download for Linux**

RODA-In

RODA-in is a tool specially designed for producers and archivists to create Submission Information Packages (SIP) ready to be submitted to an Open Archival Information System (OAIS). The tool creates SIPs from files and folders available on the local file system.

In version 2 we revolutionized the way SIPs are created to satisfy the need for mass processing of data. In this version you can create thousands of valid SIPs with just a few clicks, complete with data and metadata.

RODA-In

RODA-in is a tool specially designed for producers and archivists to create Submission Information Packages (SIP) ready to be submitted to an Open Archival Information System (OAIS). The tool creates SIPs from files and folders available on the local file system.

In version 2 we revolutionized the way SIPs are created to satisfy the need for mass processing of data. In this version you can create thousands of valid SIPs with just a few clicks, complete with data and metadata.

E-Ark SIP moving towards standardisation

RODA-in: in use at Hungarian National Arch and DGLAB

RODA: in use at European Publications Office, DGLAB, and soon in other large institutions

www.dasboard.eu

Advisory board

- Karin Bredenberg (National Archives of Sweden, chair)

- Janet Delve (University of Brighton, deputy chair)

- David Anderson (DLM Forum/University of Brighton)

- Kuldar Aas (National Archives of Estonia)

- Miguel Ferreira (KEEP SOLUTINS)

- Anders Bo Nielsen (National Archives of Denmark)

- Krystyna Ohnesorge (Swiss Federal Archives)

- Susana Rodriguez (World Meteorological Organization)

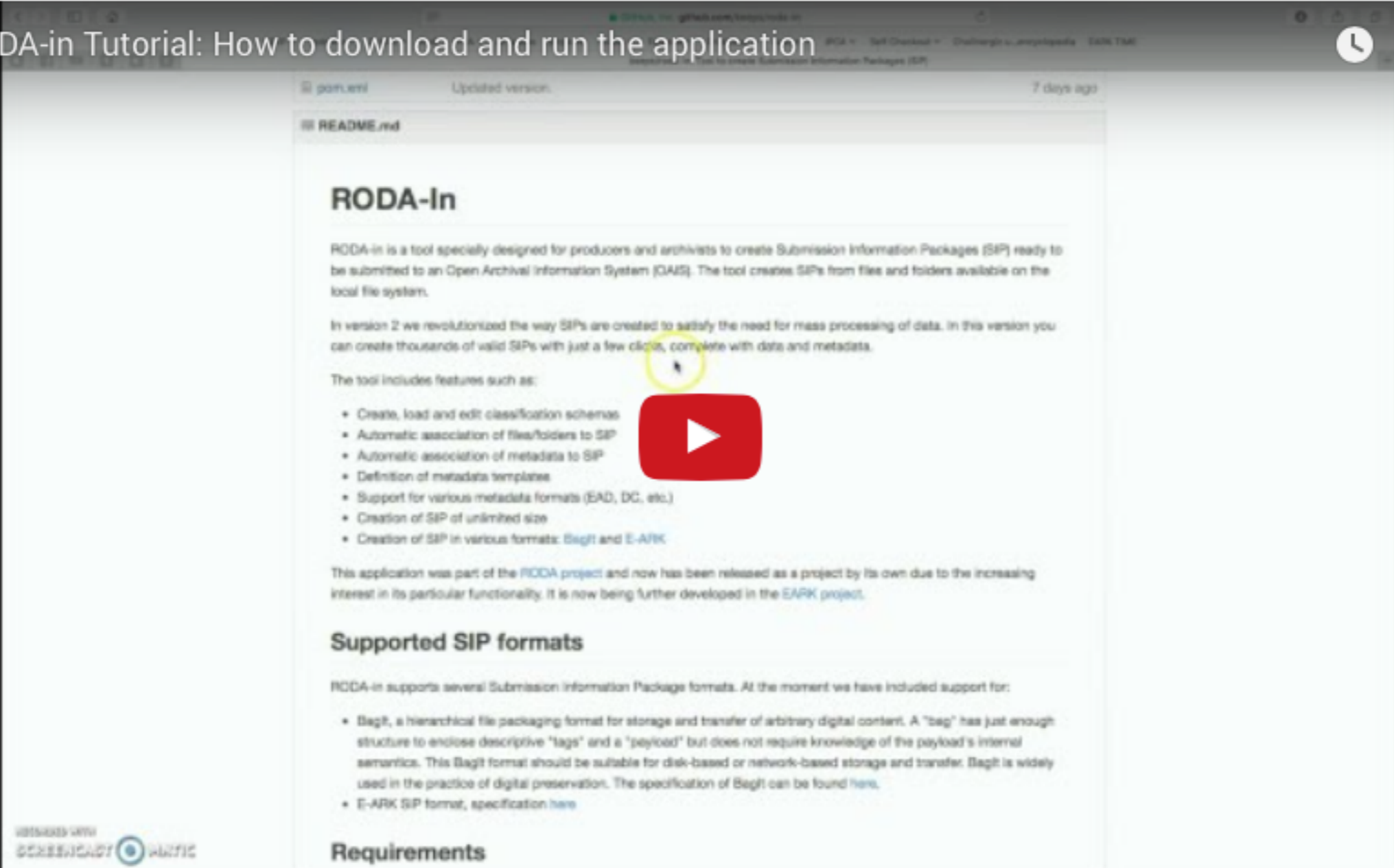- Gregor Zavrsnik (National Archives of Slovenia)

www.dasboard.eu

What about documentation?

Tutorials

In this section you may find a few video tutorials on how to use the RODA-in tool to create Submission Information Packages (SIP).

How to download and run the application

How to create SIPs from local files and folders

HELP

Menu

Associate

Association method

Classification scheme

Creating SIPs: first step

Creating SIPs: second step

Export

FileExplorer

Inspection panel

Inspection: Associations

Inspection: Data / Documentation

Inspection: Metadata

Metadata method

Templating system

FileExplorer

An item can be in one of three states: normal, ignored or mapped. **Normal** is the default state of the items and the only state from which SIPs can be created.

Items in the **ignored** state will not be used to create packages. They can be ignored based on rules defined in the configuration of the application, or manually using the "Ignore" button. These items are hidden by default, but can be made visible by turning on a menu option.

Mapped items are the ones that have already been added to an SIP. The goal is to implement a "map and forget" strategy in which users drag n' drop items from their file system to create SIPs after which they disappear from the user interface. This enables users to fully focus on the remaining items and thus be more productive in their SIP creation project.

Close

Open source
Vendor freedom, no licensing costs

Turn-key solution
Ready to be used by archivists, producers and consumers

Preservation and authenticity
Preservation metadata
Preservation actions
Risk management

User-friendly design
The system was developed having end-users in mind

Blazing fast search
Supported by horizontally scalable search technologies

Custom descriptive metadata
Supports any XML based metadata schema

Multiple SIP formats
BagIt, E-ARK, EUPO SIP

Customisable ingest workflows
Ingest tasks can be turned on/off and parameters can be set right at the UI

RODA

Welcome to RODA!

An open-source digital repository designed for preservation

RODA is a complete digital repository solution that delivers functionality for all the main functional units of the OAIS reference model. RODA is capable of ingesting, managing and providing access to the various types of digital content produced by large corporations or public bodies. RODA is based on open-source technologies and is supported by existing standards such as the Open Archival Information System (OAIS), Metadata Encoding and Transmission Standard (METS), Encoded Archival Description (EAD), Dublin Core (DC) and PREMIS (Preservation Metadata).

Conforms to open standards

RODA follows open standards using EAD for description metadata, PREMIS for preservation metadata, METS for structural metadata, and several standards for technical metadata (e.g. NISO Z39.87 for digital still images).

Vendor independent

RODA is 100% built on top of open-source technologies. The entire infrastructure required to support RODA is vendor independent. This means that you may use the hardware and Linux distributions that best fit your institutional needs.

Scalable

The service-oriented nature of RODA's architecture allows the system to be highly scalable, enabling the distribution of the processing load between several servers. Furthermore, the use of advanced indexing components enable RODA's discovery services to be spread through various servers on a cluster for even greater performance.

Embedded preservation actions

Preservation actions and management within RODA is handled by a job execution module. The job execution module allows the repository manager to run preservation tasks over a given set of data. Preservation actions include format conversions, checksum verifications, reporting (e.g. to automatically send SIP acceptance/rejection emails), virus checks, etc.

Authenticity

RODA uses preservation metadata (PREMIS) to create a trust chain between all format migrations and content verifications. The preservation metadata, together with the establishment of trust of its surrounding environment (ISO 16363) ensures reliability of the service and authenticity of the enclosed digital records.

Support for multiple formats

RODA is capable of ingesting all sorts of content types. Migration action components support migrating text documents, raster images, relational databases, video, and audio into normalized formats for long-term preservation. A plug-in mechanism enables RODA to easily support additional format migrations.

Copes with the rapid changing nature of technology

The plug-in and job execution module allows an easy way to add more functionality to the system (e.g. new preservation actions, alerts, tools, etc.). Also, the service oriented architecture of

Advanced access control

Users must be authenticated before accessing the repository. All user actions are logged for future accountability. Permissions are granular and can be defined at repository level, all the way down to individual data objects.

RODA

Ingest process

The Ingest process contains services and functions to accept Submission Information Packages (SIP) from Producers, prepare Archival Information Packages (AIP) for storage, and ensure that Archival Information Packages and their supporting Descriptive Information become established within the repository. This page lists all the ingest jobs that are currently being executed, and all the jobs that have been run in the past. On the right side panel, it is possible to filter jobs based on their state, user that initiated the job, and start date. By clicking on an item from the table, it is possible to see the progress of the job as well as additional details.

Name	Creator	▼ Start date	Duration	Status	Progress	Total	Successful	Failed	Processing	Waiting
Job 6/1/16, 10:05 AM	admin	2016-06-01 10:05:52	2s	done	100%	1	1	0	0	0
Job 6/1/16, 9:50 AM	admin	2016-06-01 09:50:41	4s	done	100%	1	1	0	0	0
Job 6/1/16, 9:48 AM	admin	2016-06-01 09:48:35	0s	done	100%	1	0	1	0	0
Job 5/19/16, 5:52 PM	admin	2016-05-19 17:52:52	2s	done	100%	1	1	0	0	0
Job 5/19/16, 5:49 PM	admin	2016-05-19 17:49:48	1s	done	100%	1	1	0	0	0
Job 5/19/16, 4:01 PM	admin	2016-05-19 16:02:04	14s	done	100%	40	40	0	0	0
Job 5/19/16, 3:45 PM	admin	2016-05-19 15:47:07	1m 28s	done	100%	100	100	0	0	0
Job 5/19/16, 2:26 PM	admin	2016-05-19 14:27:18	18s	done	100%	40	40	0	0	0
Job 5/19/16, 12:22 PM	admin	2016-05-19 12:23:13	4s	done	100%	10	10	0	0	0
Job 5/19/16, 12:19 PM	admin	2016-05-19 12:19:39	5s	done	100%	10	10	0	0	0
Job 5/19/16, 10:57 AM	admin	2016-05-19 10:57:58	6s	done	100%	10	10	0	0	0
Job 5/19/16, 10:37 AM	admin	2016-05-19 10:38:01	0s	done	100%	1	1	0	0	0
Job 5/19/16, 10:32 AM	admin	2016-05-19 10:32:20	0s	done	100%	1	1	0	0	0
Job 5/19/16, 10:29 AM	admin	2016-05-19 10:29:43	0s	done	100%	1	0	1	0	0
Job 5/19/16, 10:21 AM	admin	2016-05-19 10:22:15	1s	done	100%	1	1	0	0	0
Job 5/18/16, 2:24 PM	admin	2016-05-18 14:25:48	1h 0m 7s	done	100%	51755	28996	4	500	22255
Job 17/05/16 16:32:24	admin	2016-05-17 16:32:43	6s	done	100%	20	2	18	0	0
Job 17/05/16 16:14:03	admin	2016-05-17 16:14:21	1m 37s	done	100%	100	100	0	0	0
Job 17/05/16 16:01:28	admin	2016-05-17 16:01:46	13s	done	100%	50	10	40	0	0
Job 17/05/16 15:51:39	admin	2016-05-17 15:51:57	19s	done	100%	100	10	90	0	0

1-20 of 47   ⏮ ◀ ▶ ⏭   **Show More**

Status

☐ done (46)
☐ waiting to start (0)
☐ failed (1)
☐ running (0)

Creators

☐ admin (47)

Dates

[From date] - [To date]

Actions

START NEW PROCESS ⊕

☑ AIP Virus check

Scans Information Package(s) for malicious software using the Antivirus application ClamAV. Clam AntiVirus (ClamAV) is a free and open-source, cross-platform antivirus software toolkit able to detect many types of malicious software, including viruses. If malicious software is detected a report will be generated and a PREMIS event will record this occurrence.

☑ AIP metadata validation

Checks if the descriptive and preservation metadata included in the Information Package is present, and if it is valid according to the XML Schemas installed in the repository. A validation report is generated indicating which AIPs have valid and invalid metadata.

☑ AIP fixity information computation

Computes file fixity information (also known as checksum) for all data files within an AIP and stores this information in PREMIS objects within the corresponding AIP. This task uses SHA-256 as the default checksum algorithm, however, other algorithms can be configured in "roda-core.properties". File fixity is the property of a digital file being fixed, or unchanged. "AIP corruption risk assessment" is the process of validating that a file has not changed or been altered from a previous state. In order to validate the fixity of an AIP or file, fixity information has to be generated beforehand.

☑ AIP file format identification (Siegfried)

Identifies the file format and version of data files included in Information Packages using the Siegfried tool (a signature-based file format identification tool that supports PRONOM identifiers and Mimetypes). The task updates PREMIS objects metadata in the Information Package to store the results of format identification. A PREMIS event is also recorded after the task is run.

☐ Feature extraction

Extraction of technical metadata using Apache Tika

☐ Full-text extraction

Extraction of full-text using Apache Tika

☑ Verify producer authorization

Checks if the producer has enough permissions to place the AIP under the desired node in the classification scheme

☑ Auto accept

Adds information package to the inventory without any human appraisal. After this point, the responsibility for the digital content's preservation is passed on to the repository.

☐ AIP remote replication

Copies AIPs and all its files to a secondary RODA instance for redundancy purposes (e.g. Active-passive high-availability architecture). This task makes use of "rsync" to synchronize AIP folders between two servers (storage level replication) and calls the secondary API to re-index the replicated AIPs (index level replication). The task can only be used if the appropriate configuration settings are defined in the "roda-core.properties".

Ingest finished notification

Send a notification after finishing the ingest process to one or more e-mail addresses (comma separated)

Search

Users are capable of finding Archival Information Packages (AIP), Representations and Files by making use of the discovery services available in this page. The discovery services are divided by resource type and use different properties to support its discovery and location. For example, AIPs can be found by searching on descriptive metadata (multiple schemas are supported per AIP). Representations can be found by ID, type, size, and number of files. Files can be found using technical atributes such as mimetype, PRONOM identifier, size, etc.

| Intelectual entities ⌄ | Search... | ⌃ | 🔍 |

Original reference ⇕		✖
Title ⇕		✖
Description ⇕		✖
Scope and content ⇕		✖
Origination ⇕		✖
Date ⇕	2008-04-01	2016-06-20 ✖

ADD SEARCH FIELD ⊕   **SEARCH 🔍**

	🏷 Level	Title	▼ Dates
☐	📖 fonds	andré	2016-05-19
☐	📖 fonds	Archeevo_Import	2016-05-18
☐	📄 item		2016-05-11 to 2016-05-11
☐	📖 fonds	Archeevo fonds	2016-05-09
☐	📄 item	jsa_2013_fernandez_agroecology_and_agrifood_movements_in_the_us.pdf	2016-02-17
☐	📄 item	jsa_2013_fernandez_agroecology_and_agrifood_movements_in_the_us.pdf	2016-02-17
☐	📄 item	jsa_2013_fernandez_agroecology_and_agrifood_movements_in_the_us.pdf	2016-02-17
☐	▣ DC	CABIMENTO 150 E 151 REQUISIÇÃO EXTERNA 2196 E 2198 PETRÓLEOS DE PORTU GAL-PETROGAL, SA FACTURA 2232585764 OPF 4027 - PETRÓLEOS DE PORTUGAL - PETROGAL SA	2015-07-02 to 2015-07-14
☐	▣ DC	CABIMENTO 150 E 151 REQUISIÇÃO EXTERNA 2196 E 2198 PETRÓLEOS DE PORTU GAL-PETROGAL, SA FACTURA 2232584918 OPF 4027 - PETRÓLEOS DE PORTUGAL - PETROGAL SA	2015-07-02 to 2015-07-14
☐	▣ DC	CABIMENTO 1686 REQUISIÇÃO EXTERNA 2714 E 2715 LEASE PLAN FACTURA 12/1 03679 OPF 3746 - LEASEPLAN PORTUGAL LDA	2015-07-02 to 2015-07-02
☐	▣ DC	CABIMENTO 159 REQUISIÇÃO EXTERNA 2003, 2391, 2390, 2528 E 2751 BE WAT ER CONSUMO DE MAIO OPF3738, 3739, 3740 E 3741 - BE WATER, S.A.	2015-07-01 to 2015-07-02
☐	▣ DC	CABIMENTO 19 REQUISIÇÃO EXTERNA 61 ENERTECNICA - ASSISTENCIA E INSTAL AÇOES TERMICAS, LDA FACTURA 9/2015 OPF 2320/2015 -	2015-01-06 to 2015-04-27
☐	▣ DC	CABIMENTO2405 ESTORNO 36REQUISIÇÃO EXTERNA 476 ECOBIZ, LDAFACTURA 84 OPF 1688 -	2015-01-06 to 2015-03-30
☐	▣ DC	CABIMENTO 11 REQUISIÇÃO EXTERNA 62 FERNANDO CARLOS FRADINHO GASPAR FACTURA 82/2015A OPF 1673/2015 -	2015-01-06 to 2015-03-27
☐	▣ DC	CABIMENTO 3 E 779 REQUISIÇÃO EXTERNA 6 E 1162 NORTEL SUL - COMERCIO D E EQUIPAMENTOS HOTELEIROS, LDA FACTURAS 15100104, 15100100 OPF 1617/2015 -	2015-01-06 to 2015-03-27

Description levels

- ☐ D (36978)
- ☐ DC (1023)
- ☐ F (13)
- ☐ SC (3)
- ☐ SF (1)
- ☐ SR (37)
- ☐ SSR (2)
- ☐ UI (1263)
- ☐ fonds (7)
- ☐ item (108)
- ☐ otherlevel (100)
- ☐ series (1)

Representations

- ☐ without files (28509)
- ☐ with files (11035)

Actions

START NEW PROCESS ⊕

CABIMENTO 150 E 151 REQUISIÇÃO EXTERNA 2196 E 2198 PETRÓLEOS DE PORTU GAL-PETROGAL, SA FACTURA 2232585764 OPF 4027 - PETRÓLEOS DE PORTUGAL - PETROGAL SA

332f7092-ca15-4cf7-9fa2-976fcd795700

○ / ◼ CABIMENTO 150 E 151 REQUISIÇÃO EXTERNA 2196 E 2198 PETRÓLEOS DE PORTU GAL-PETROGAL, SA FACTURA 2232585764 OPF 4027 - PETRÓLEOS DE PORTUGAL - PETROGAL SA

Key-Value ⊕

Custom1
Português

AcqInfo
Processo migrado do edoclink

LangMaterial
,languages_Português,

DescRules
ISAD(g)

OriginalsLoc
https://edoc.cm-mafra.pt/edoc/Process.aspx?processKey=100876

CompleteUnitId
PT/AMM/CMMFR/10-1/37/(2015)1641

Username
lurdes

level
DC

dateInitial
2015-07-02

RepositoryCode
AMM

CountryCode
PT

Creator
edoclink

Representations

ORIGINAL (MIXED)   ⊙

Archival package

NEW   ⊕

MOVE   ✎

PERMISSIONS   ✎

REMOVE   ⊘

Preservation

START NEW PROCESS   ⊙

EVENTS   ⊙

RISKS   ⚠

Download

ARCHIVAL PACKAGE   ⬇

SCHEMAS   ⬇

Actions

DOWNLOAD ⬇

BACK ⊕

🕐 Preservation events

○ / 🖿 Obrigação de Pedro Lourenço, morador em Machico, ilha da Madeira, por vinte alqueires de trigo das ilhas, pelos quais pagará $533 e 2 ceitis.

▼ Date	Type	Detail	Outcome
2016-05-19 20:55:21	ingest end	The ingest process has ended.	SUCCESS
2016-05-19 20:55:15	accession	Added package to the inventory. After this point, the responsibility for the digital content's preservation is passed on to the repository.	SUCCESS
2016-05-19 20:55:08	authorization check	Producer permissions have been checked to ensure that he has sufficient authorization to store the AIP under the desired node of the classification scheme.	SUCCESS
2016-05-19 20:55:02	format identification	Identified the object's file formats and versions using Siegfried.	SUCCESS
2016-05-19 20:54:56	message digest calculation	Created base PREMIS objects with file original name and file fixity information (SHA-256).	SUCCESS
2016-05-19 20:54:50	wellformedness check	Checked whether the descriptive metadata is included in the SIP and if this metadata is valid according to the established policy.	SUCCESS
2016-05-19 20:54:33	wellformedness check	Checked that the received SIP is well formed, complete and that no unexpected files were included.	SUCCESS
2016-05-19 20:54:33	unpacking	Extracted objects from package in E-ARK SIP format.	SUCCESS
2016-05-19 20:54:16	ingest start	The ingest process has started.	SUCCESS

1-9 of 9   ⏮ ◀ ▶ ⏭

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Containers   + NEW

⊖ **roda-2**
roda:latest

🔍 roda

Other Repositories

keeps
roda
Repository of Authentic Digital Objects

♡ 2 ⬇ 2K   ooo   CREATE

rodacom
nginx-proxy
No description.

♡ 0 ⬇ 665   ooo   CREATE

rodacom
docker-hub
Docker registry v2

♡ 0 ⬇ 111   ooo   CREATE

pterodactyl
minecraft
Dockerfile for Minecraft using Pterodactyl and Wings.

♡ 0 ⬇ 58   ooo   CREATE

parkervcp
pterodactyl-panel
Build for the Pterodactyl control Panel

♡ 0 ⬇ 31   ooo   CREATE

roda
ubuntu-cp-generator
No description.

♡ 0 ⬇ 28   ooo   CREATE

roda
docker-whale
No description.

♡ 0 ⬇ 28   ooo   CREATE

nokane
rodandthumb
No description.

♡ 0 ⬇ 17   ooo   CREATE

roda
ubuntu-cp-generator-0mq
Ubuntu image containing MySQL Server, CDO Server, CDO Client, CP Generator

♡ 0 ⬇ 31   ooo   CREATE

pterodactyl
scrappy-sftp
Scrappy SFTP setup modified for Pterodactyl Daemon usage.

♡ 0 ⬇ 35   ooo   CREATE

stefanprodan
jenkins
Continuous integration with disposable containers

♡ 1 ⬇ 186   ooo   CREATE

stefanprodan
dockerdash
Docker dashboard built with ASP.NET Core, Docker.DotNet, SignalR and Vuejs.

♡ 1 ⬇ 107   ooo   CREATE

hcorrada
introdatascidocker
No description.

djocker
orodata
Data container for Oro Apps

prodataninja
routeninja
Google OR-Tools

DOCKER CLI   💬   ⚙

K

Containers   + NEW

roda-2
roda:latest
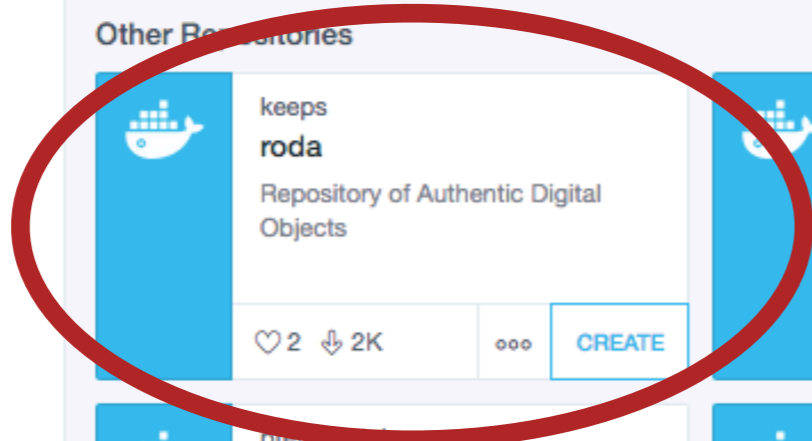
🔍 roda

FILTER BY   All   Recommended   My Repos   My Images

Other Repositories

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⊟ DOCKER CLI   💬   ⚙

Questions?

José Carlos Ramalho
Dep. Informatics
University of Minho
jcr@di.uminho.pt