

Local Prototype for DAM-LR

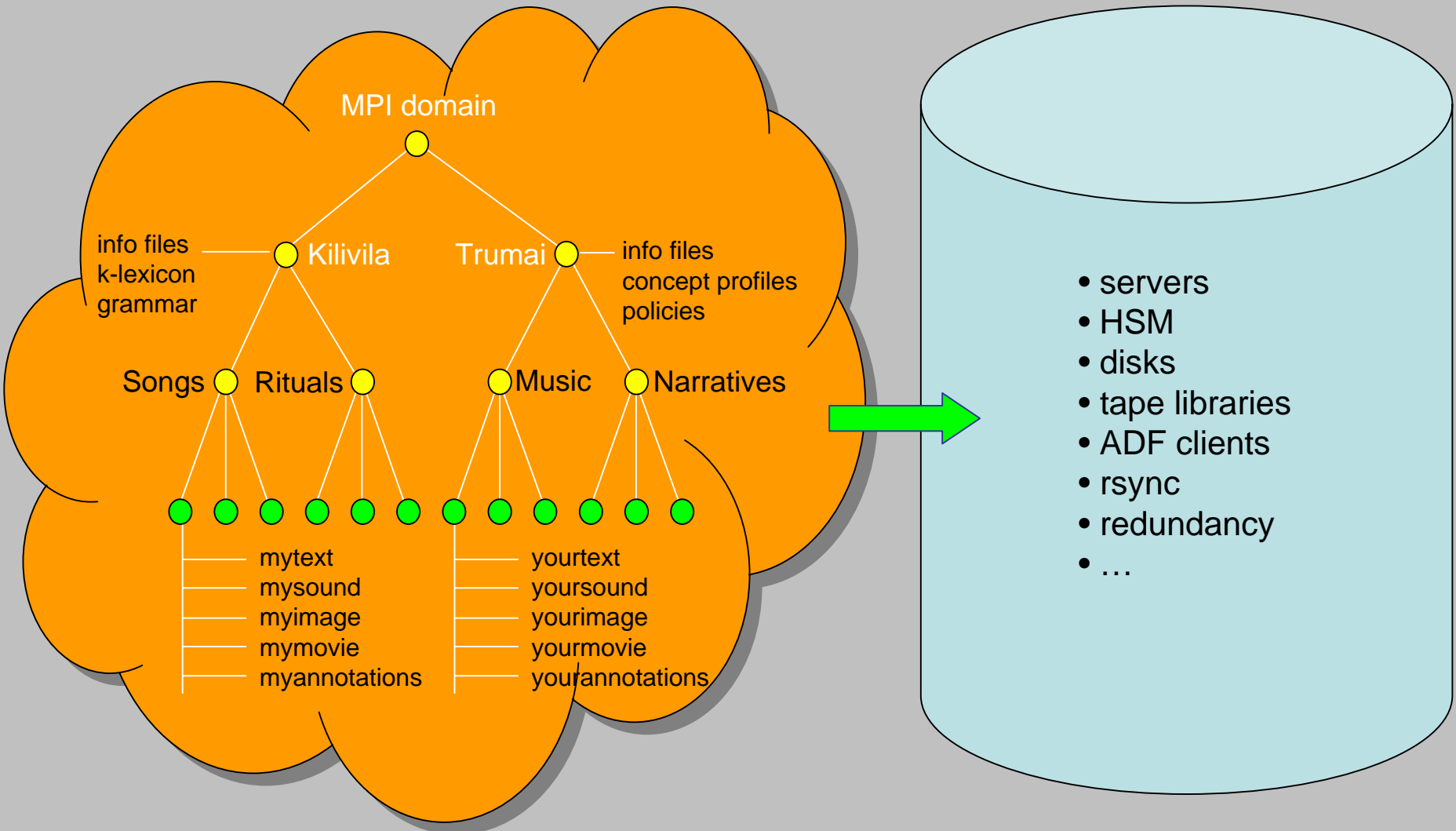
- only reference -

MPI Team
(Daan, Freddy, Peter)

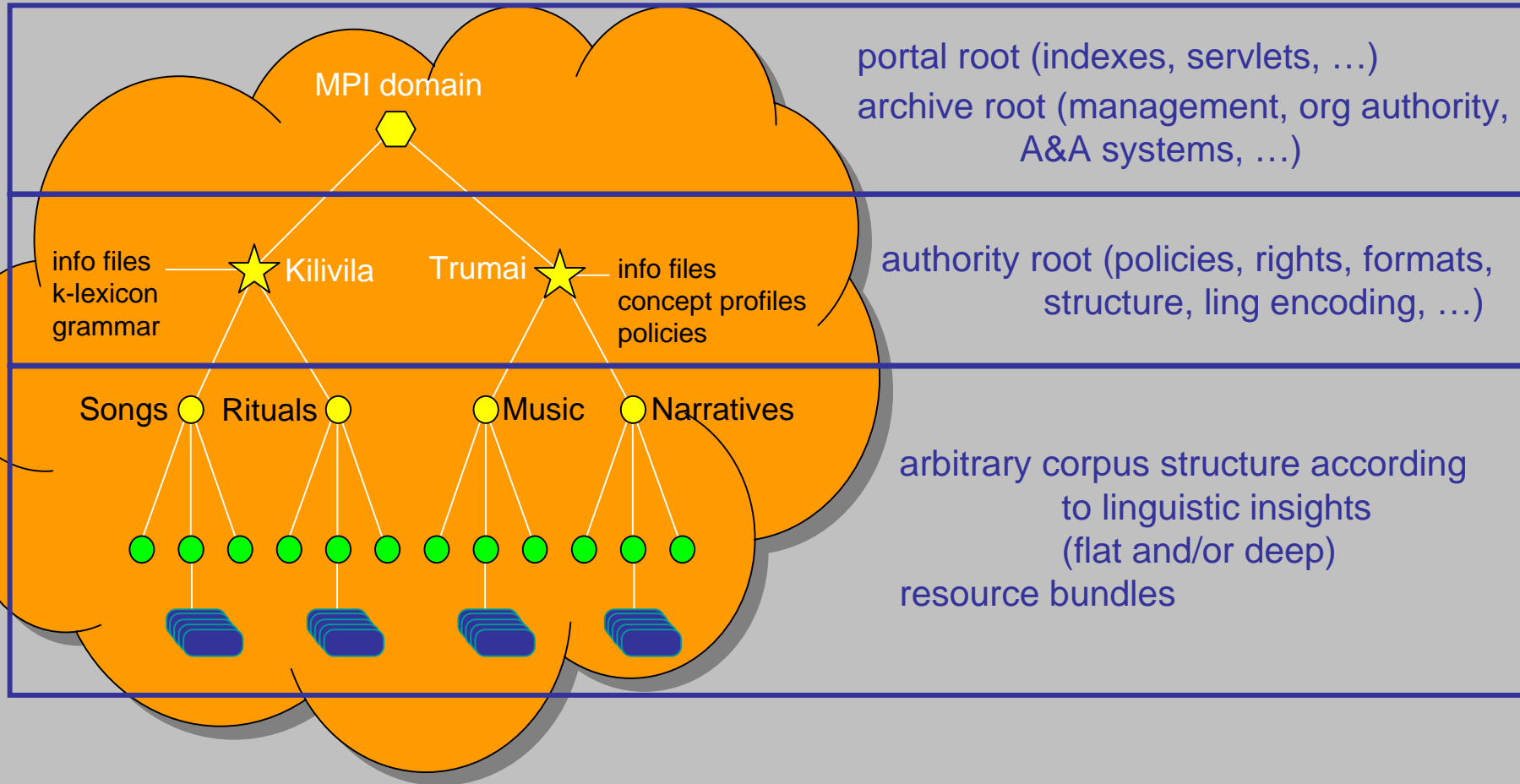
A typical LR Archive

Virtual IMDI Organization
Users, Archive Managers

Physical Organization
System/Archive Managers

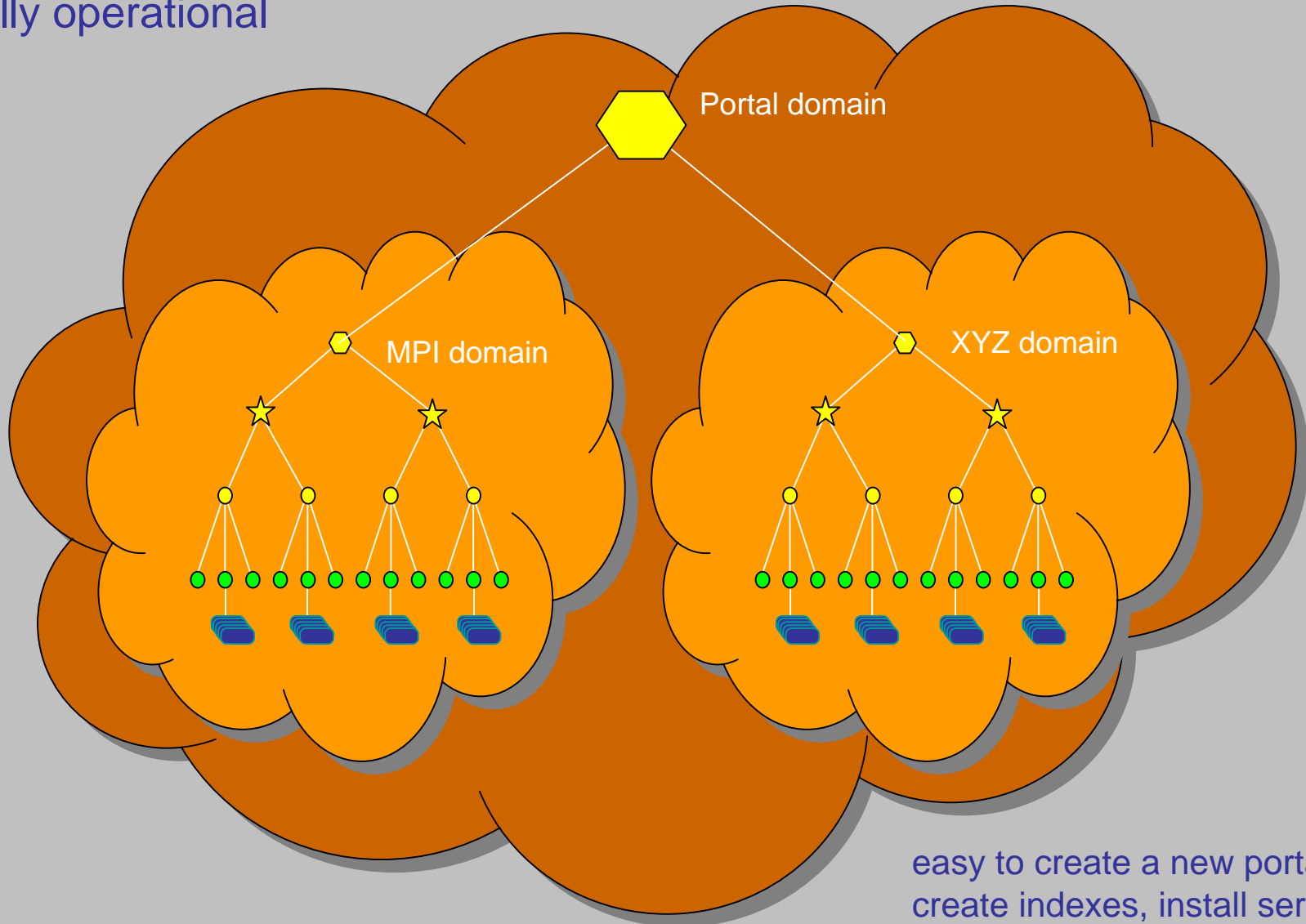


Typical IMDI Organization



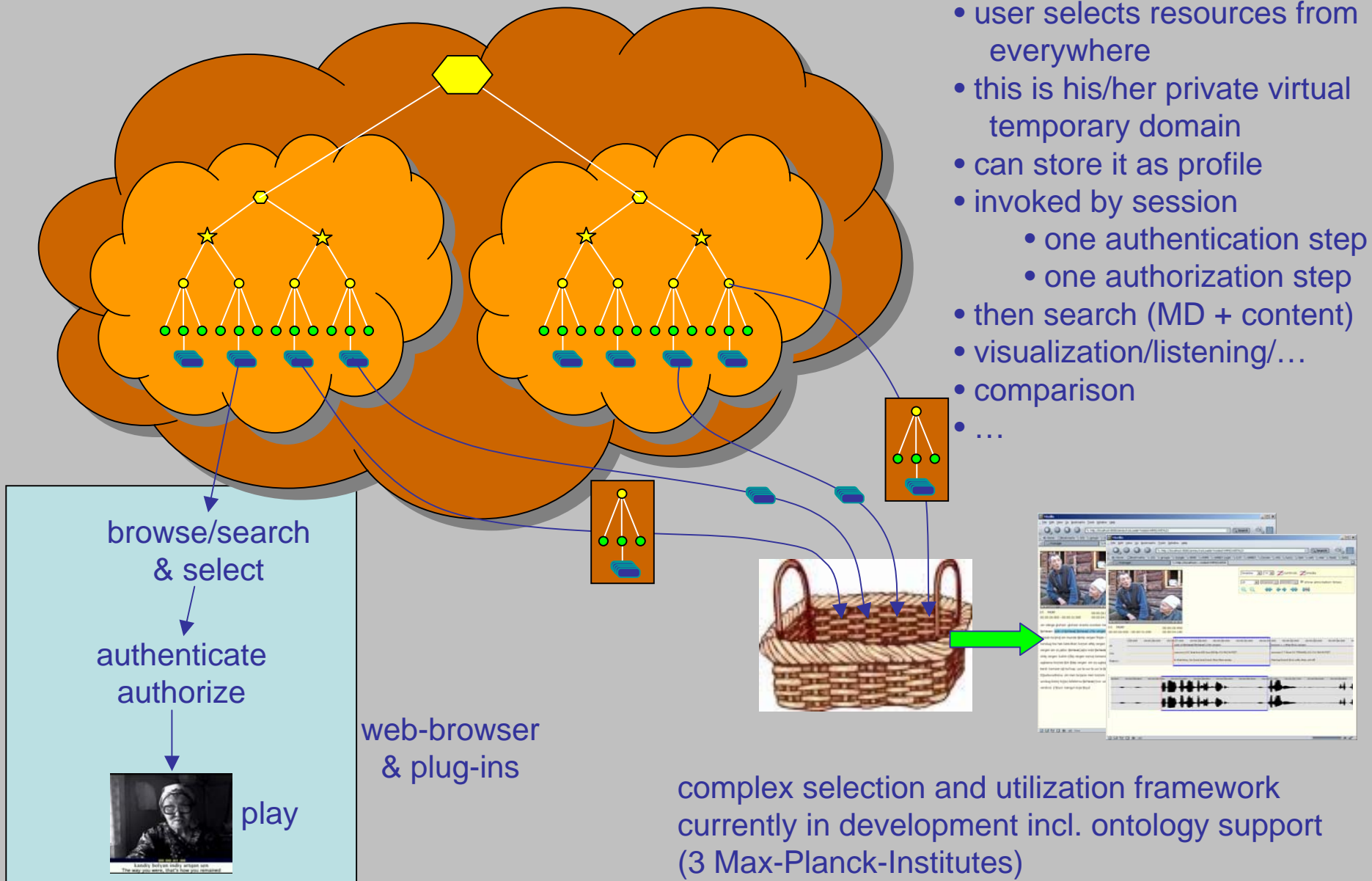
Joint IMDI Domain

fully operational



easy to create a new portal root
create indexes, install servlets, ...

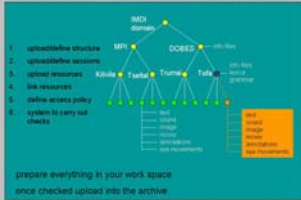
Private Domain - DELAMAN Vision



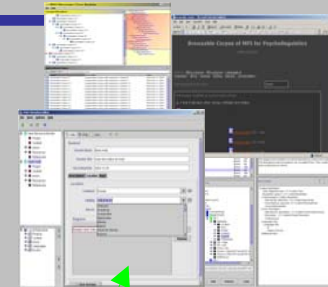
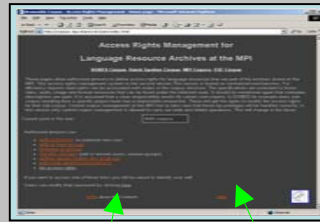
Local Prototype

- done
- in progress
- to start

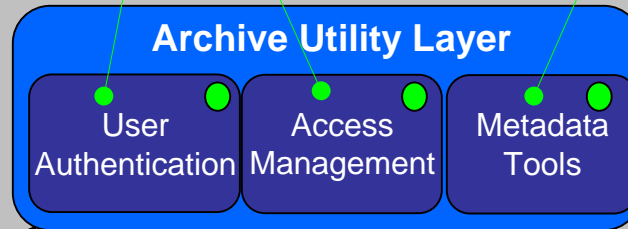
LAMUS - Resource Ingestion



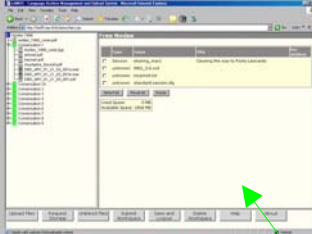
AMS is ready



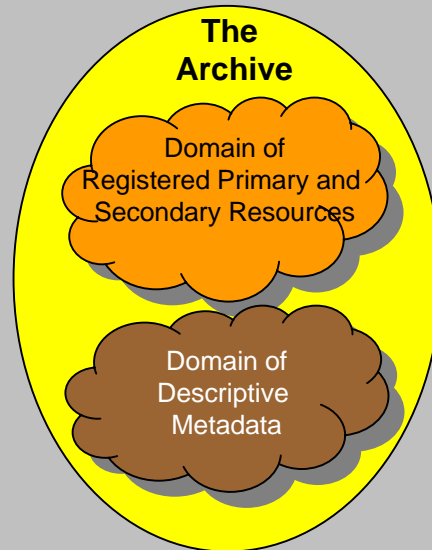
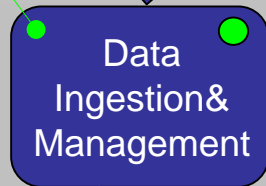
IMDI infrastructure is ready



LAMUS - Resource Ingestion



import to archive is controlled to achieve consistent archive
export is only limited by access rights



LAMUS is the Archive Gatekeeper for new resources and updates

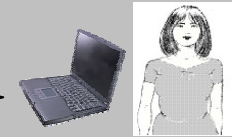
Important: all resources available in standard formats and directly accessible including IMDI descriptions using HTTP

LAMUS V1 is ready

Primary Resources:
Texts
Images
Sound
Movies



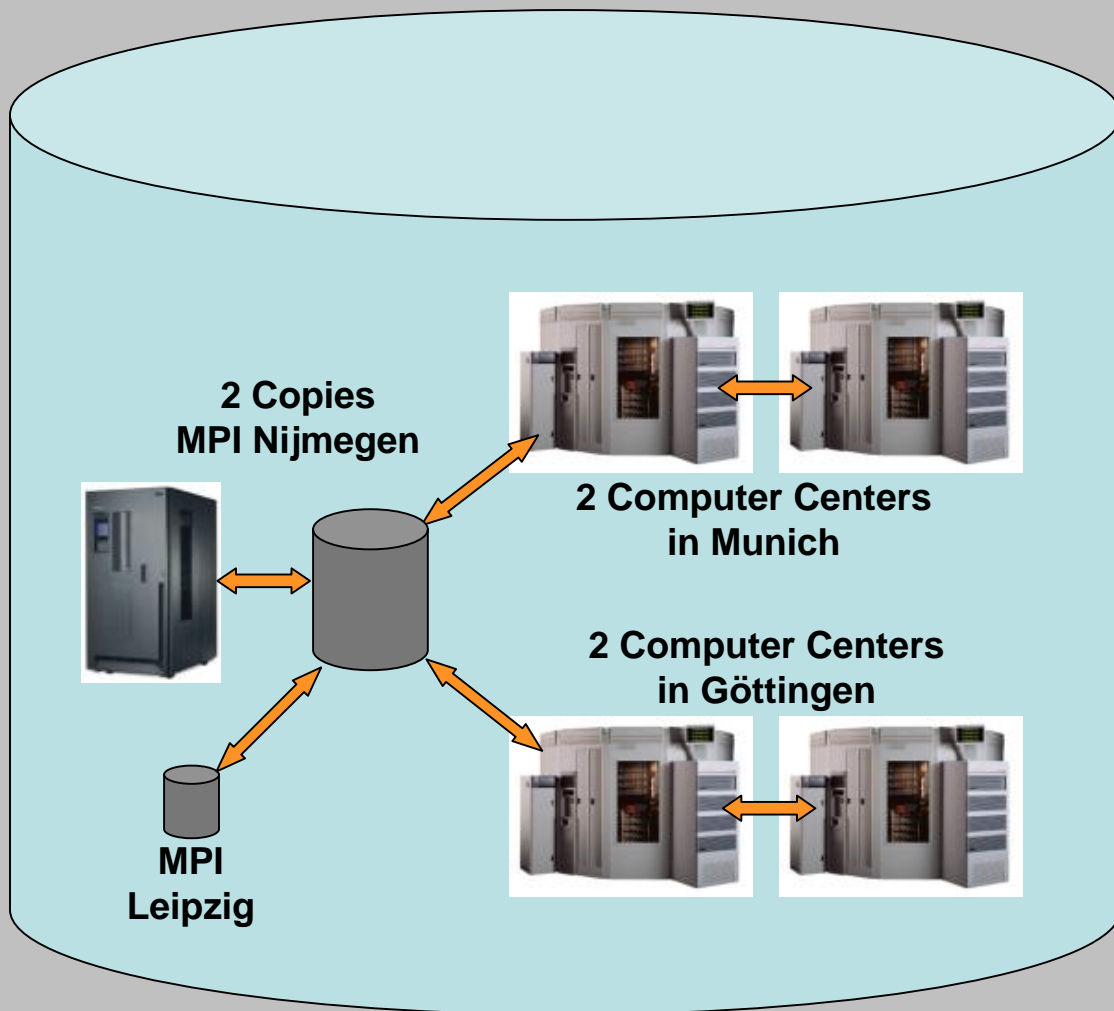
Creator



User

What is missing?

Physical Organization ok



System and Archive Management Operations not yet transparent to archive organization

- URIDs are missing
- MD point to URLs
- have to introduce URIDs now to make all names unique and addresses stable
- Handle System candidate

Web-based Commentary

Overview of ingested lexical entries

Below the elements are listed which have been ingested into the system based on the dictionary file you have provided. By clicking on an element you will be directed to the detailed view of the entry.

Lexical Entry
Lexemes: a
Date (last edited): 24/Mar/1997_sh v3.0 400 SHLEX SAMPLE
Lexemes: a
Date (last edited): 24/Mar/1997
Lexemes: -a
Date (last edited): 23/Feb/1998
Homonymy number: 1
Lexemes: -a

LEXUS-Lexical Entry Viewer

Lexical Object: Sense number

Linguistic information units:	
name	value
Encyclopedic info (E)	This is not limited to coconut groves but is used for mangoes,
Gloss (E)	prove
Gloss (G)	

TRUMAI

Language
Geography
People and Culture
Project Description
Team
Data Examples
Project website
Links

Language

Trumai is an isolate language, that is, its genetic affiliations are unknown. Possibly the other languages that were related to Trumai already disappeared without any kind of documentation or record, which then would make Trumai the only existent representative of an entire linguistic family.

Greenberg (1987) proposes that Trumai belongs to the Equatorial stock, one of the three South American branches of the Amerind stock (the other branches would be Macro-Tukano and Andine). However, it is not clear how Trumai would be related to the other languages classified in the Equatorial stock; and even if Trumai really belongs to it, its relationship with the other putative Equatorial languages seems to be so distant that standard comparative studies are not feasible. Thus, Trumai is still better classified as an isolate language.

Trumai was influenced by other Xinguan languages with regard to lexicon (for example, there are borrowings from Kamayurá, a Tupi language), but there are no evidences of genetic relationships with them. In terms of typological characteristics, Trumai also seems to be unique in that respect. It has a very rich vocabulary of nouns and verbs.

du
vorher, im Voraus; zuerst
Herr
Messer und Gabel

我们 先 看看 菜单。
Wǒmen xiān kàn kàn càidān .

another reason to introduce URIDs

need one point where changes are done

moving and copying has to use special tools

LAMUS has to create URIDs

Comment: This is an interesting relation
Type: Semantic Similarity
Author: Peter Wittenburg
Date: 27.9.2004

Prototype Requirements I

4.1 Metadata Layer (almost all done)

- All archive resources must be described by IMDI metadata.
- All IMDI descriptions must be open and accessible as XML files.
- Structured and unstructured metadata searches within the IMDI domain have to be possible. (right now making it symmetric)
- Searches with the help of search engines such as Google have to be supported.
- The IMDI resources have to be offered as OLAC/DC records according to the OAI PMH protocol to make them searchable via OLAC services providers.
(OLAC service provider has problems since we deliver too many records)
- The IMDI files must be linkable into a linked domain that supports an organization of resources into logical bundles, browsing and management.
- It must be simple to register and integrate new IMDI-based repositories into the IMDI domain.
- It must be easy to setup an IMDI portal.
- If authorized it must be easy for users to access resources via the metadata descriptions.

Prototype Requirements II

4.2 Physical Layer

(except URIDs all done)

- The physical storage must be transparent to the user, i.e. the user should not have to deal with servers, disks etc.
- The physical location of the resources should be easily modifiable without causing problems for the users. (URIDs are missing)
- The organization of the archive should allow for the copying of whole and sub-parts of the archive to new archives to support long-term preservation and redundant access paths.
- Each archived resource has to be identified by a unique resource identifier (URID). The metadata descriptions have to contain URIDs to refer to the resources (for archive objects). (missing)
- The storage concept must be such that several copies of all resources can be generated automatically and location resolving can be carried out. (the last point can only be done when URIDs are in place)
- The stored resources have to be in archivable formats and directly accessible for authorized people.

Prototype Requirements III

4.3 Access Management (almost all done)

- The access management system must support the definition of policies (declaration of code of conducts, usage, etc) and rights.
- The access management system must support the specification of usages and temporary tickets associated with these usages. (usage declaration to come)
- The access management system must support efficient electronic operations via web interfaces and a delegation mechanism to allow resource owners to define access policies from remote sites.
- Access policy specifications must be based on the metadata layer, i.e. the physical layer is transparent to the definer and the specifications are independent of the physical location of the resources.
- It must be possible to specify domains of authority in the metadata layer.
- Delegation of rights must be supported

Prototype Requirements IV

4.4 Ingesting Resources

(essential work to be done)

- The possibility to integrate new resources or update existing resources into the language resource archive has to be controlled by an upload system that ensures that its coherence and consistency is guaranteed. (checks to be added)
- The user has to be provided with a workspace mechanism which allows him/her to arrange the data and test its compliance until it is ready for integration.
- The upload system has to be equipped with a configurable list of permitted file types and where possible with format checkers. In particular for complex resource types, dependent types must be indicated, some being required such as a schema. (to be integrated)
- The upload must support the definition and integration of an upload node in the existing archive, archive structure, metadata descriptions and resources. It must support the proper linking of these elements.
- Versioning must be done in the case of integrating new versions. (to come)

Prototype Requirements V

4.5 Archive Management

(work to be done)

An archive management shell has to be available to carry out typical management activities such as:

- copying and moving data while retaining the correctness of the archive's organizational links (URIDs needed)
- checking the consistency of all links in the archive and modifying them where necessary (programs available)
- checking the format and technical encoding correctness of all resources where possible (some ready, Shoebox is difficult)
- automatically generating additional resource types for presentation purposes such as MP3, MPEG4, etc (in progress)
- creating different types of statistics (programs available)
- the possibility of removing sub-parts of the archive which is the most dangerous operation and which therefore has to be guided (well ...)

Local Prototype

Acknowledgements:

local prototype development funded by VWS, INL and MPI

What else?

Did we forget something?