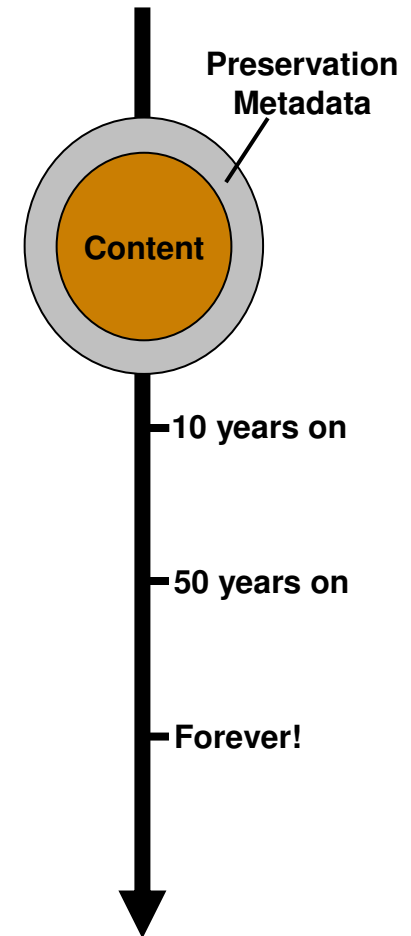
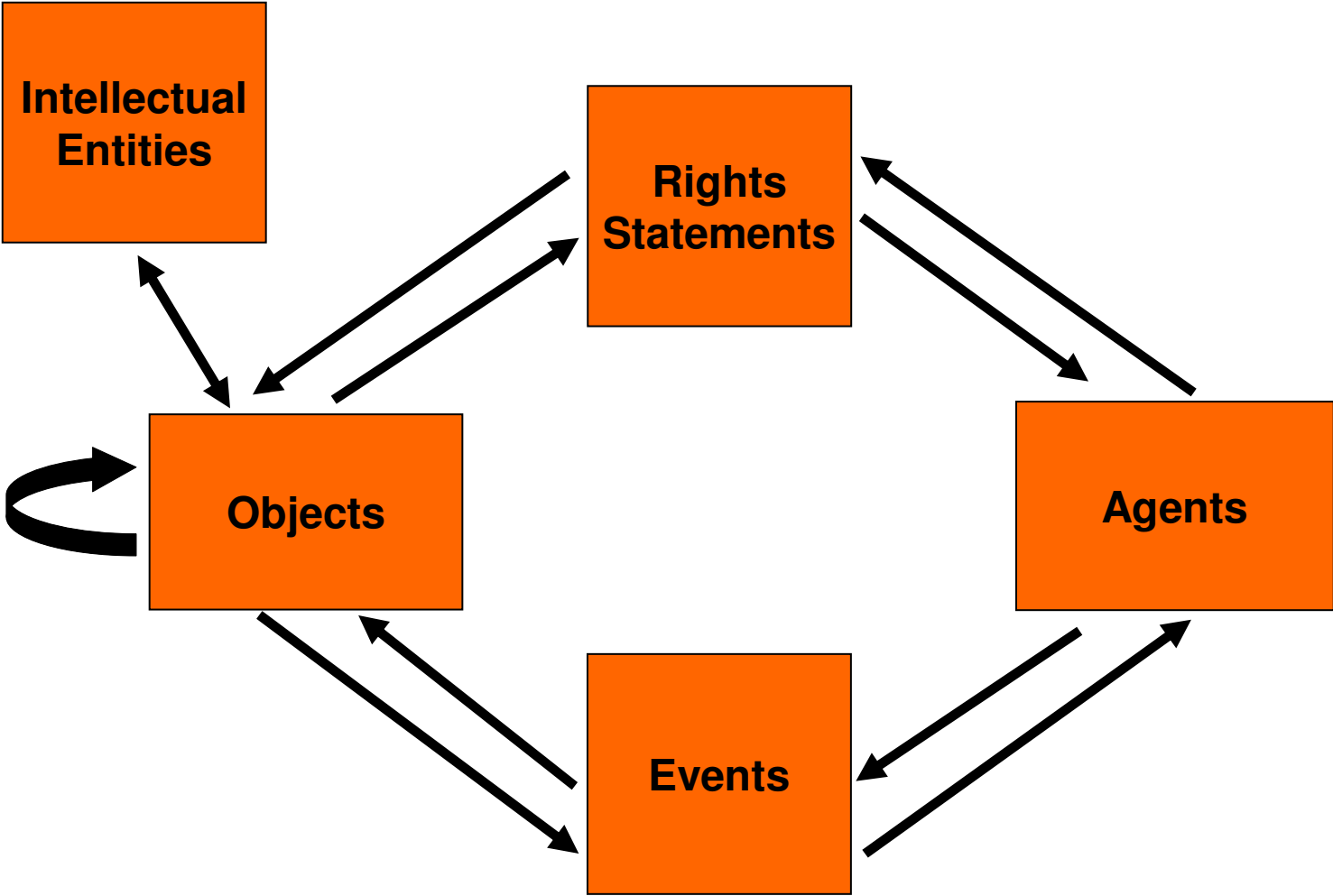


Preservation metadata includes:

- Provenance:
 - *Who has had custody/ownership of the digital object?*
 - Authenticity:
 - *Is the digital object what it purports to be?*
 - Preservation Activity:
 - *What has been done to preserve it?*
 - Technical Environment:
 - *What is needed to render and use it?*
 - Rights Management:
 - *What IPR must be observed?*
- **Makes digital objects self-documenting across time**



PREMIS Data Model



PREMIS Data Dictionary

- **May 2005:** *Data Dictionary for Preservation Metadata: Final Report of the PREMIS Working Group*
- **March 2008:** *PREMIS Data Dictionary for Preservation Metadata, version 2.0*
- Includes PREMIS Data Dictionary, context/assumptions, data model, usage examples
- XML schema to support implementation
- **Data Dictionary:**
 - Comprehensive view of information needed to support digital preservation
 - Guidelines/recommendations to support creation, use, management
 - Based on deep pool of institutional experiences in setting up and managing operational capacity for digital preservation



<http://www.loc.gov/standards/premis/v2/premis-2-0.pdf>

What PREMIS is and is not

- What PREMIS is:
 - Common data model for organizing/thinking about preservation metadata
 - A checklist for core metadata in a repository
 - Guidance for local implementations
 - Standard for exchanging information packages between repositories
- What PREMIS is not:
 - Out-of-the-box solution: need to instantiate as metadata elements in repository system
 - All needed metadata: excludes business rules, format-specific technical metadata, descriptive metadata for access, non-core preservation metadata
 - Lifecycle management of objects outside repository
 - Rights management: limited to permissions regarding actions taken within repository

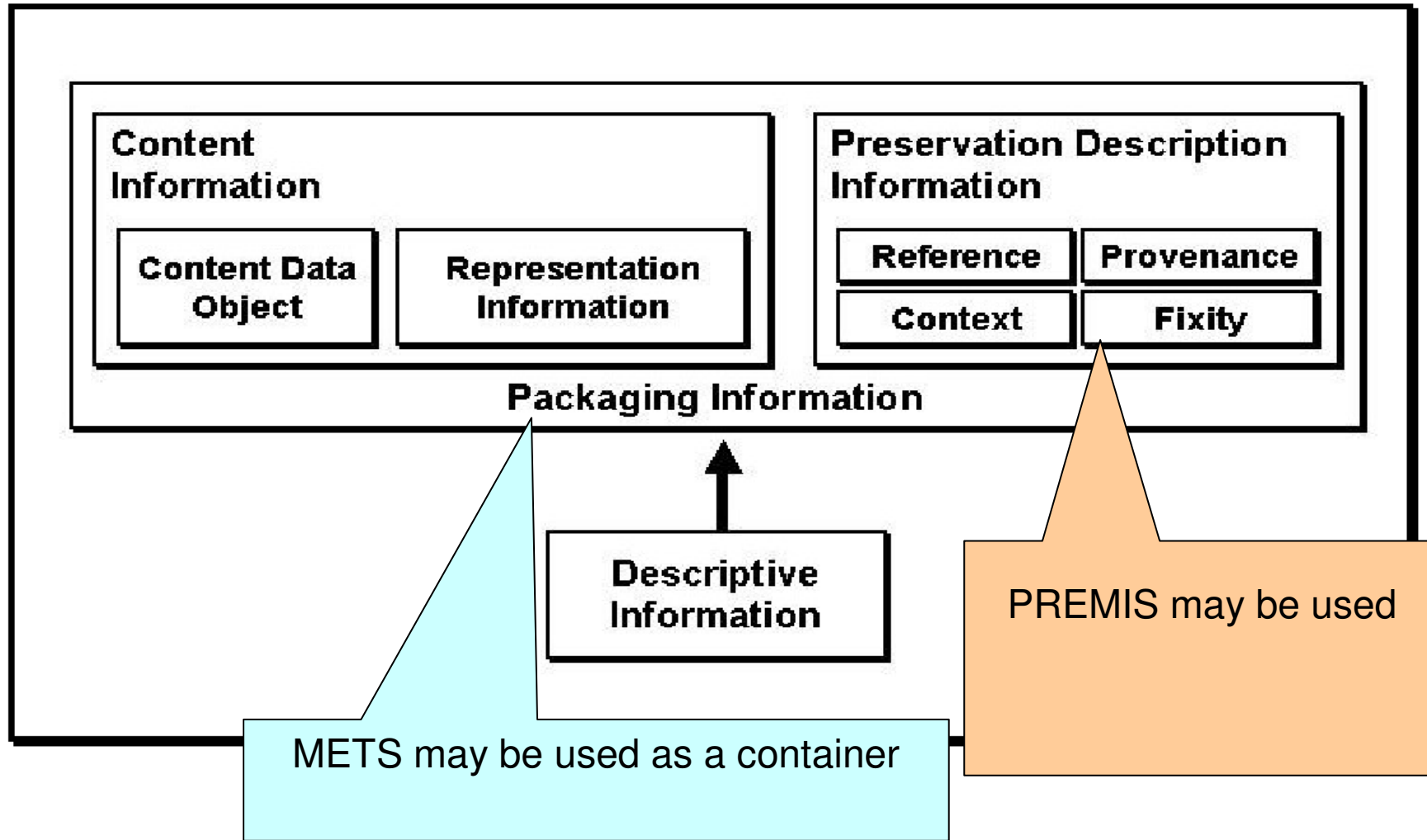
OAIS Information Packages

- **Submission Information Package (SIP):** An information package that is delivered by the producer to the OAIS for use in the construction of one or more AIPs
- **Archival Information Package (AIP):** An information package consisting of the content information and the associated preservation description information (PDI), which is preserved within an OAIS
- **Dissemination Information Package (DIP):** The information package, derived from one or more AIPs, received by the customer in response to a request to the OAIS

Implementers' questions

- What types of objects are you preserving?
- Has your institution implemented a preservation repository?
- What preservation metadata are you recording?
- How are you recording it, e.g. database, METS/XML, other
- Do you plan to exchange preservation metadata with other repositories?
- Which semantic units are most useful?
- Which semantic units are least useful?
- What tools are needed for implementing PREMIS?

OAIS Archival Information Package (AIP)



Implementers' questions

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