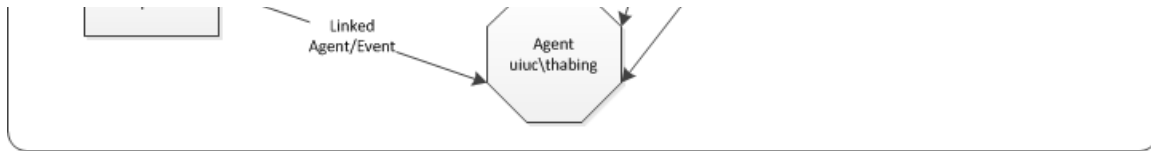# Package Layout

General Rules for PREMIS-based submission packages

A PREMIS-based submission package for the Medusa repository must be structured as follows:

- Each submission package must have a single PREMIS Representation Object whose primary identifier is a Medusa Handle.

- ... More to come ...

Single-image ContentDM Object

The following diagram illustrates a PREMIS package for a ContentDM record of a single image, including the Collection record.

PREMIS Representation of Collection Record

Event Creation ←— Linked Agent/Event —→ **Agent uiuc\thabing** ←— Linked Agent/Event —→ Event Creation

Event Creation ←— Linked Event/Object — **Representation 10111/ MEDUSA:yyy**

Event Creation — Linked Event/Object — File Mods.xml

Rights Disseminate ←— Linked Rights/Object — **Representation 10111/ MEDUSA:yyy** — Metadata Has Root —→ File Mods.xml

Collection Is Member Of

PREMIS Representation of Archival Package for Single ContentDM Image

Rights Disseminate ←— Linked Rights/Object — **Representation 10111/ MEDUSA:xxx** — Metadata Has Root —→ File Mods.xml

Basic Image Asset Production Master

Linked Event/Object

File zzz.jp2

Event Creation

Event Migration ←— Related Event — Derivation Has Source

Linked Object

File contentdm_ record.xml

Event Capture

Linked Event/Object

Derivation Has Source

File call_no.xml

Linked Agent/Event

Linked Agent/Event

Linked Agent/Event

Linked Event/Object

Event Capture

Linked Agent/Event

Linked Event/Object

Event Capture

Multi-image Compound ContentDM Object

The following diagrams illustrates a PREMIS package for a ContentDM compound record, object relationships, and the derivation of the metadata. This diagram includes one example for a simple, flat hierarchy with two pages. In general, the modelling approach should support arbitrarily complex hierarchies.

PREMIS Representation of Archival Package for
ContentDM Compound Object
(Every File Object will have an associated Capture Event, but
these are omitted for brevity, as is the the Agent entity.)