

Content Delivery and Rights Management

Identifiers and Descriptive Metadata
in a Multimedia Context

Context

- new business models
- cross-sector transactions
- standard identifiers
- descriptive metadata

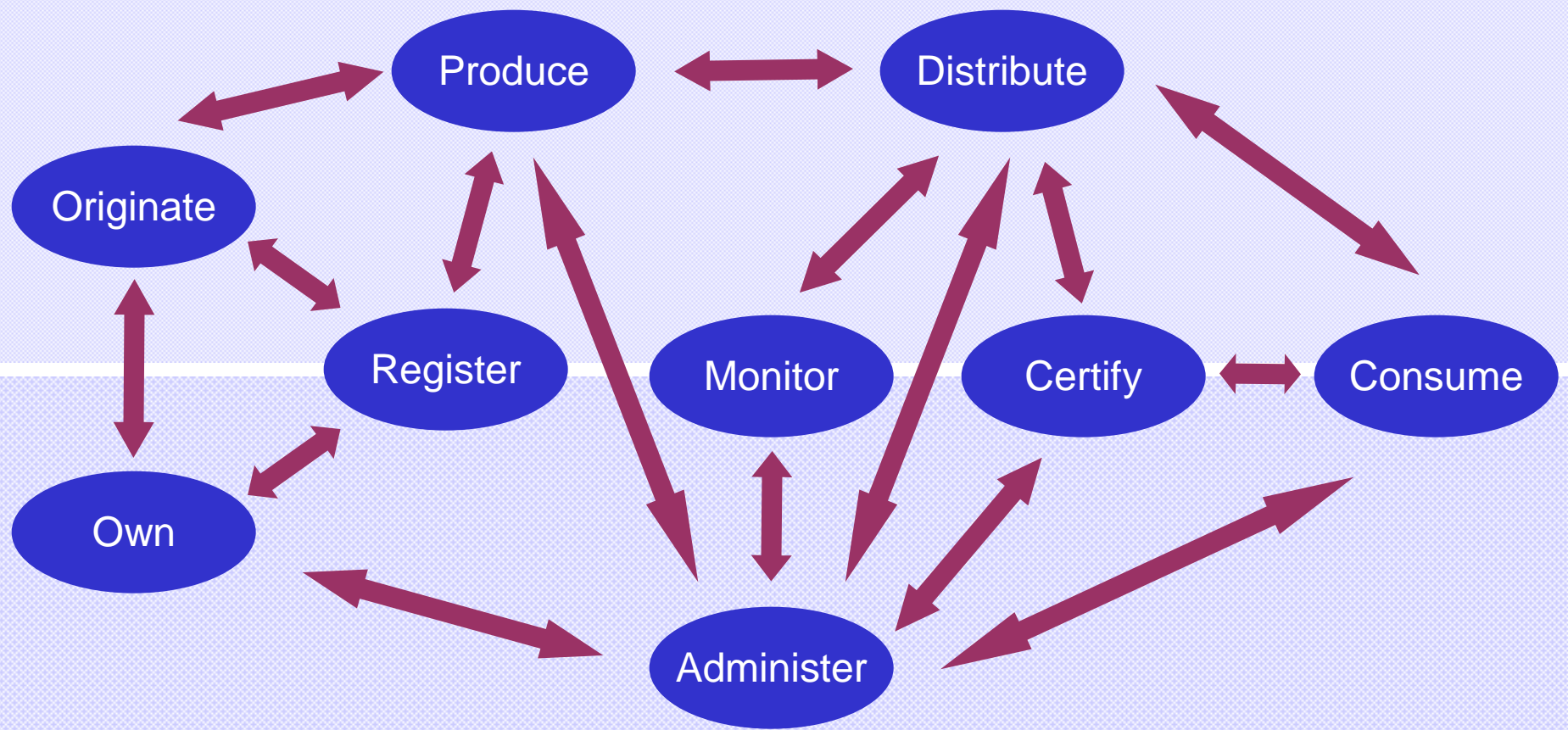
Objectives

- shared frame of reference for describing business and information transactions
- structured statement of requirements to guide further development of standards

Business architecture

- identify functions performed by individuals and organizations
- highlight key business relationships

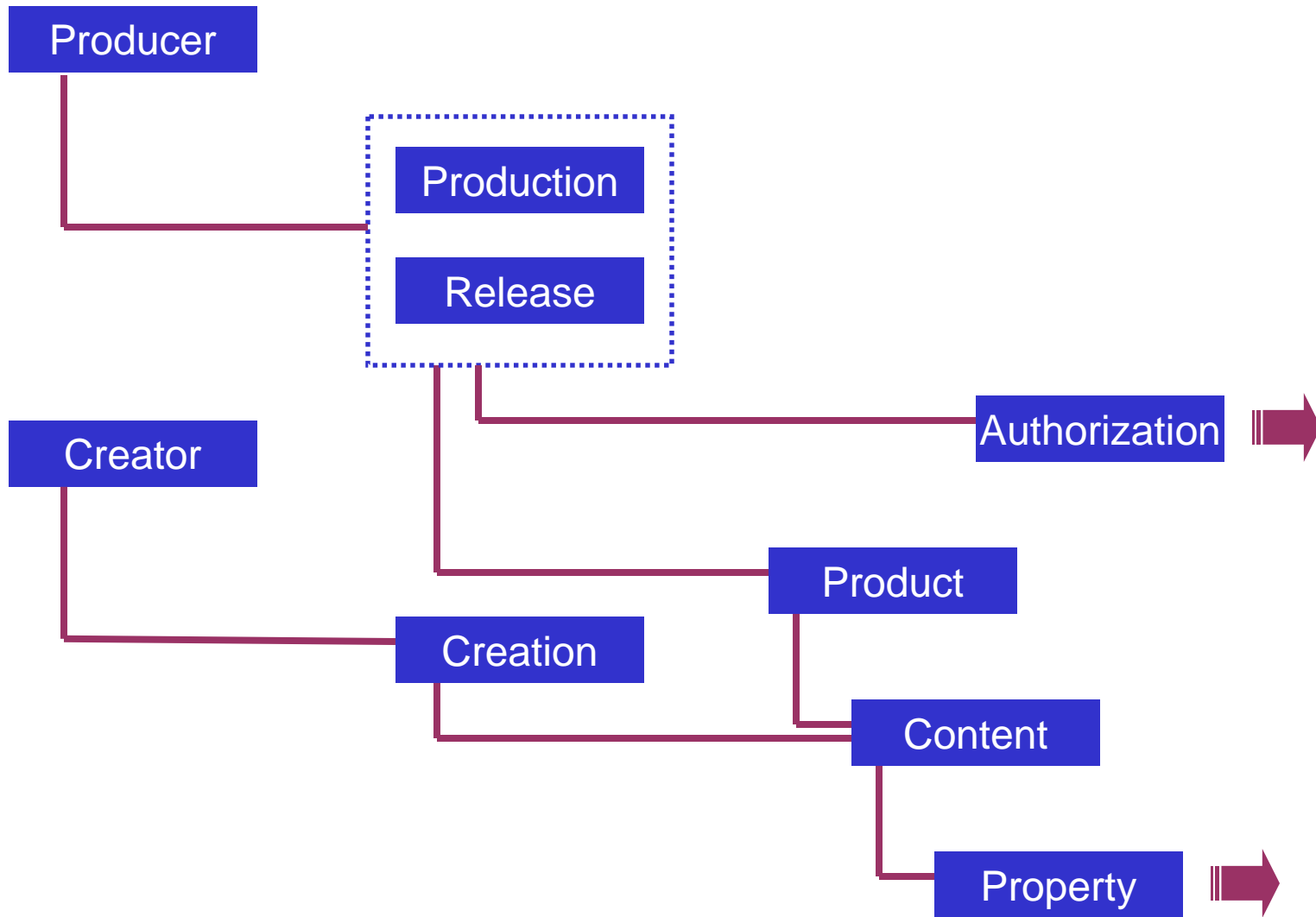
Content Delivery



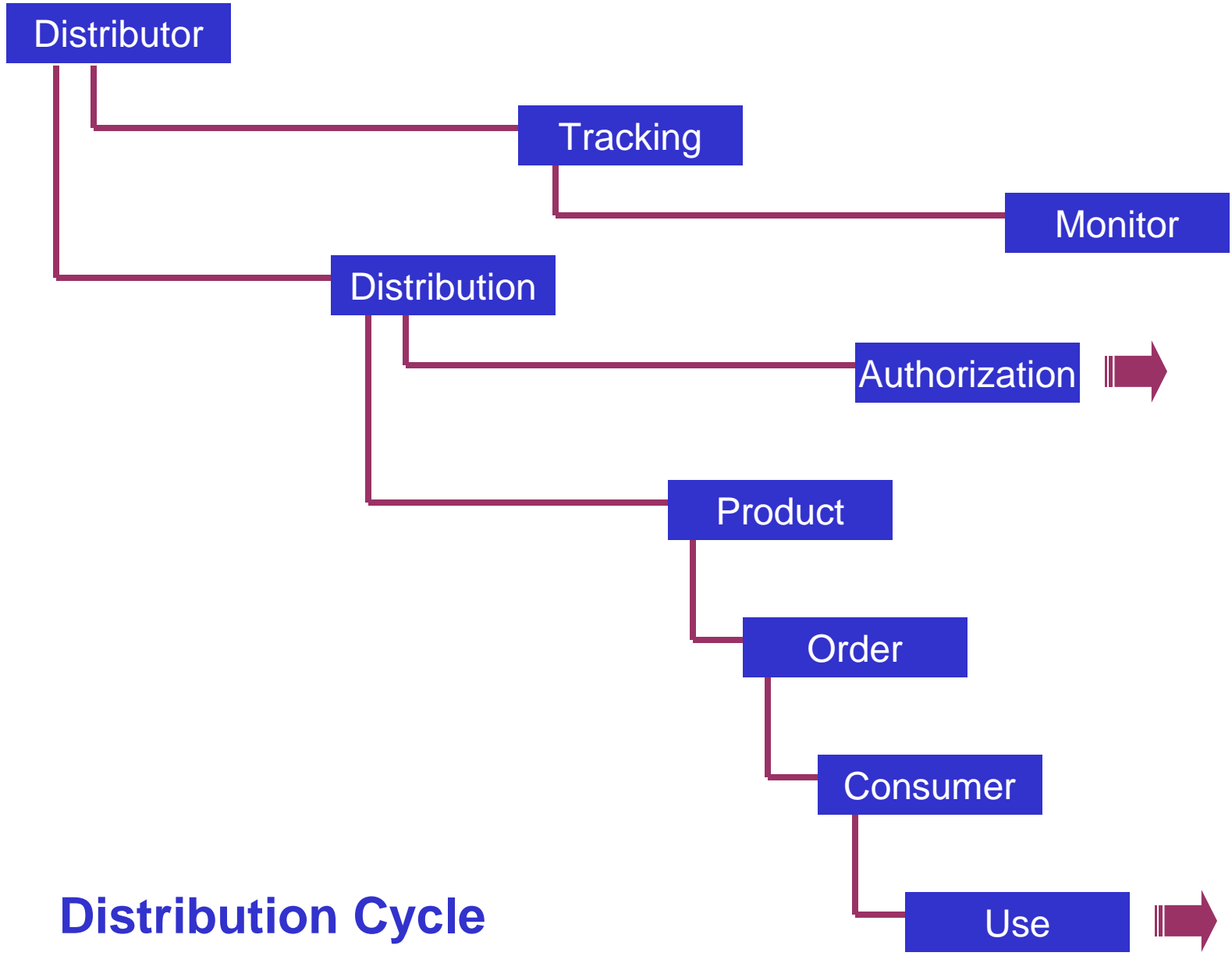
Rights Management

Information architecture

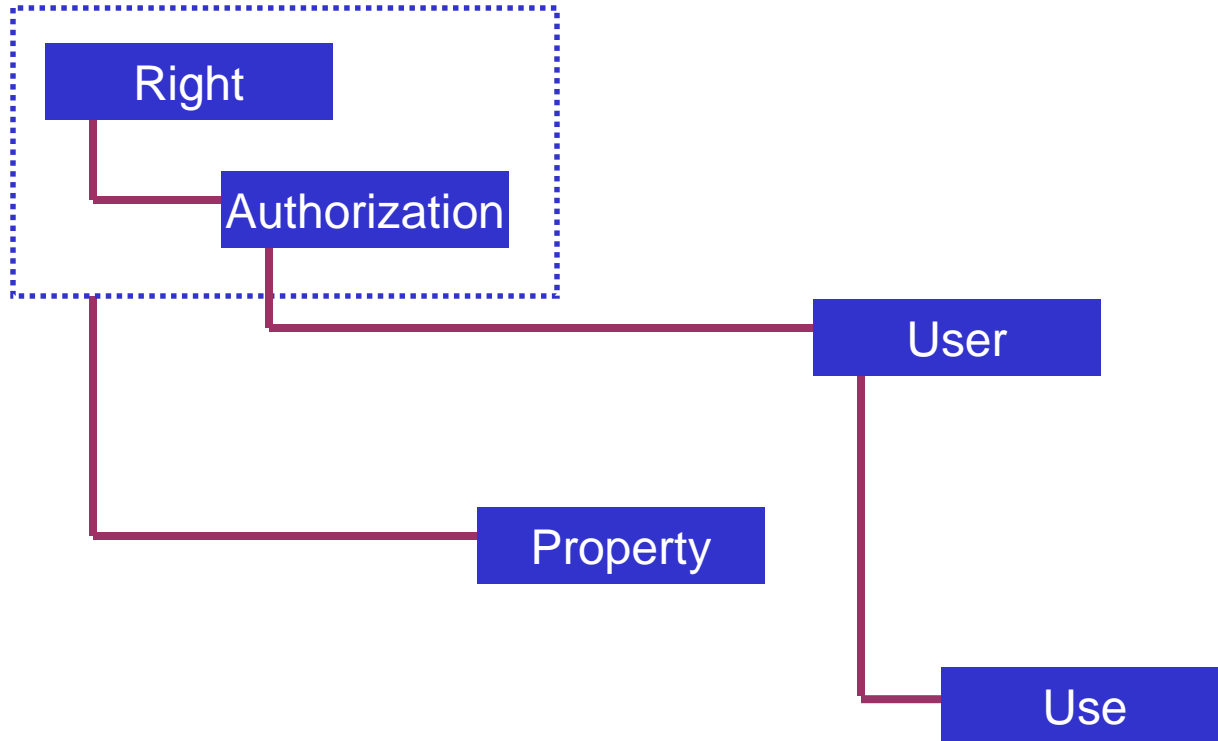
- structured representation of key entities and relationships
 - objects, agents, activities, events, etc.
- three business functions
 - production
 - distribution
 - rights management



Production Cycle



Distribution Cycle



Rights Management

User transactions

- Resource discovery
 - search / identify / select
- Resource access
 - access / acquire
- Resource use
 - open / use / control

Mapping attributes

Table 5.1: Attributes and Relationships of Content Mapped to User Transactions

Entity		S E A R C H	I D E N T I F Y	S E L E C T	A C C E S S	A C Q U I R E	O P E N	U S E	C O N T R O L
Attribute	Attribute of related entity								
Relationship	Relationship from related entity								
	Attribute of related entity								
Content									
<i>Attribute</i>									
	Content identifier	■	■		■	■		■	■
	Title of content	■	■	■	■	■		■	■
	Version designation		■	■	■	■		■	■
	Type of content		■	■	■	■	■	■	■
	Form of expression		■	■	■	■	■	■	■
	Extent of content						■		
	Content specifications			■				■	
	Language of content		□	■					■
	Subject of content	■		■					
<i>Relationship</i>									
	Results from ⇔ creation		■	■	■	■		■	■
<i>Attribute</i>									
	Date of creation		■	■	■	■		■	■
	Place of creation		□						
<i>Relationship</i>									
	Responsibility of ⇔ creator		■	■	■	■		■	■
<i>Attribute</i>									
	Creator identifier		■	■	■	■		■	■
	Name of creator	■	■	■	■	■		■	■

Interoperability

- functional perspective
 - product / content / property
- granularity
 - aggregate / unit / component
- identity
 - recognition of change / modification