



# Content Delivery and Rights Management

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Identifiers and Descriptive Metadata  
in a Multimedia Context

# Context

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

# Objectives

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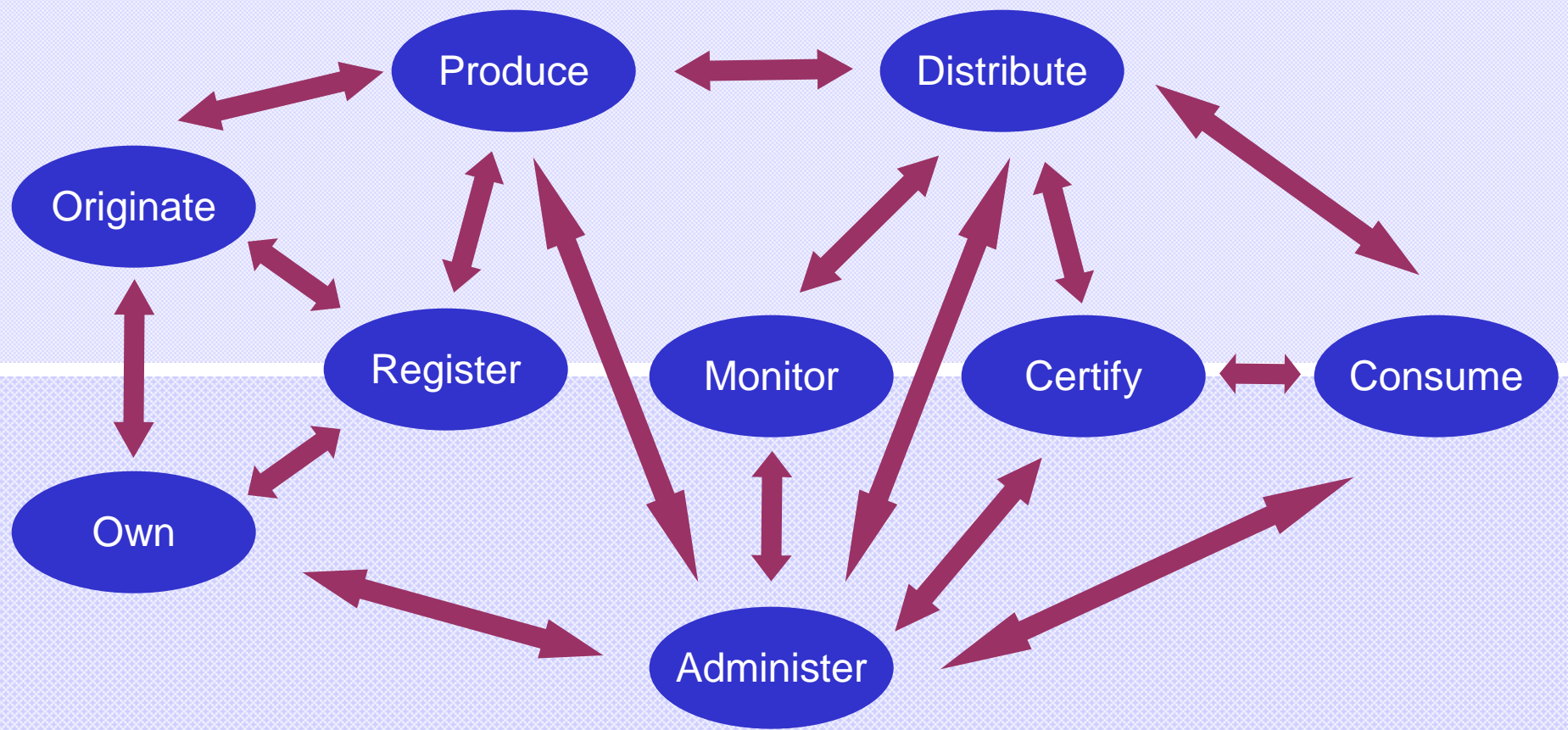
- shared frame of reference for describing business and information transactions
- structured statement of requirements to guide further development of standards

# Business architecture

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

# Content Delivery

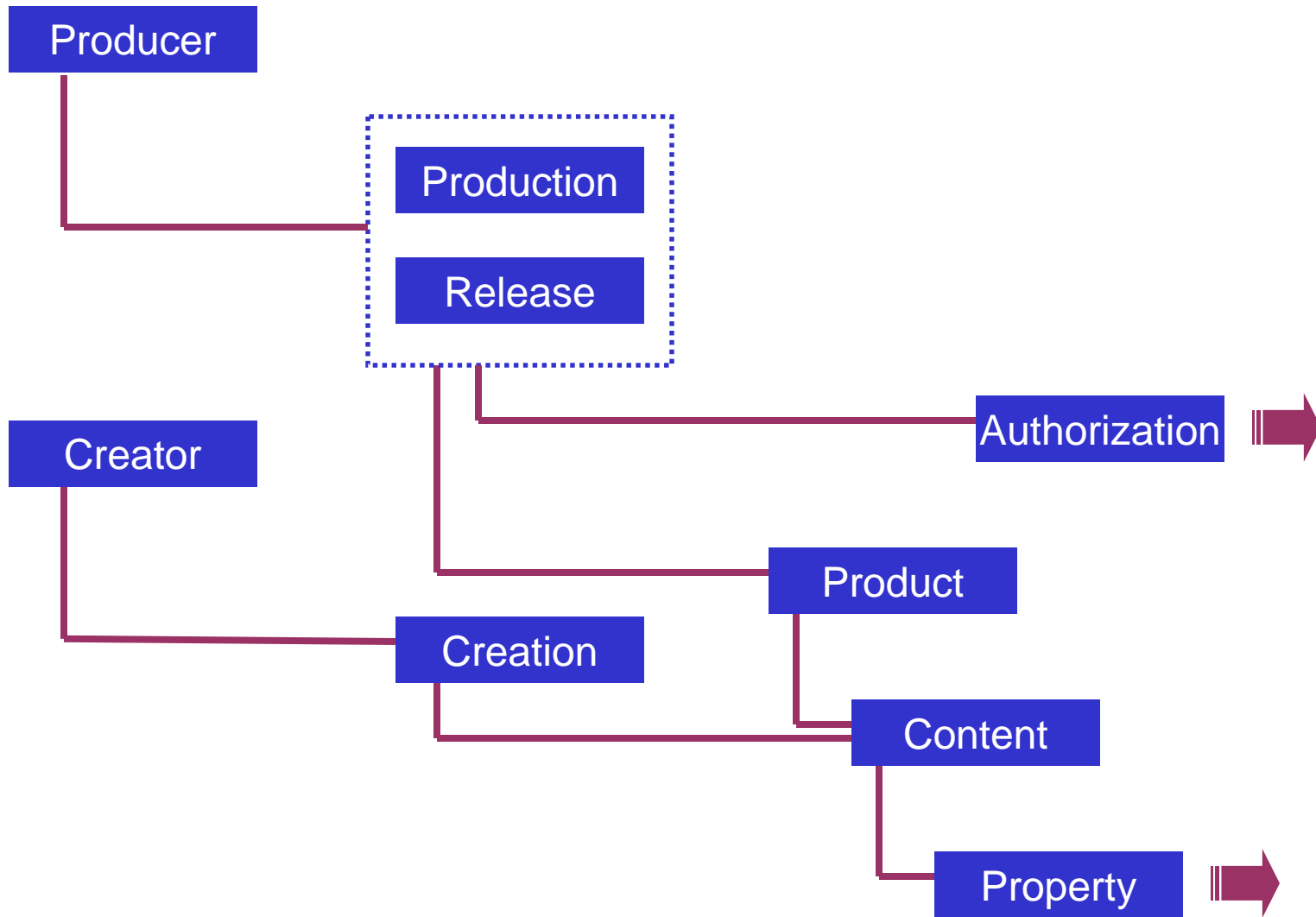


# Rights Management

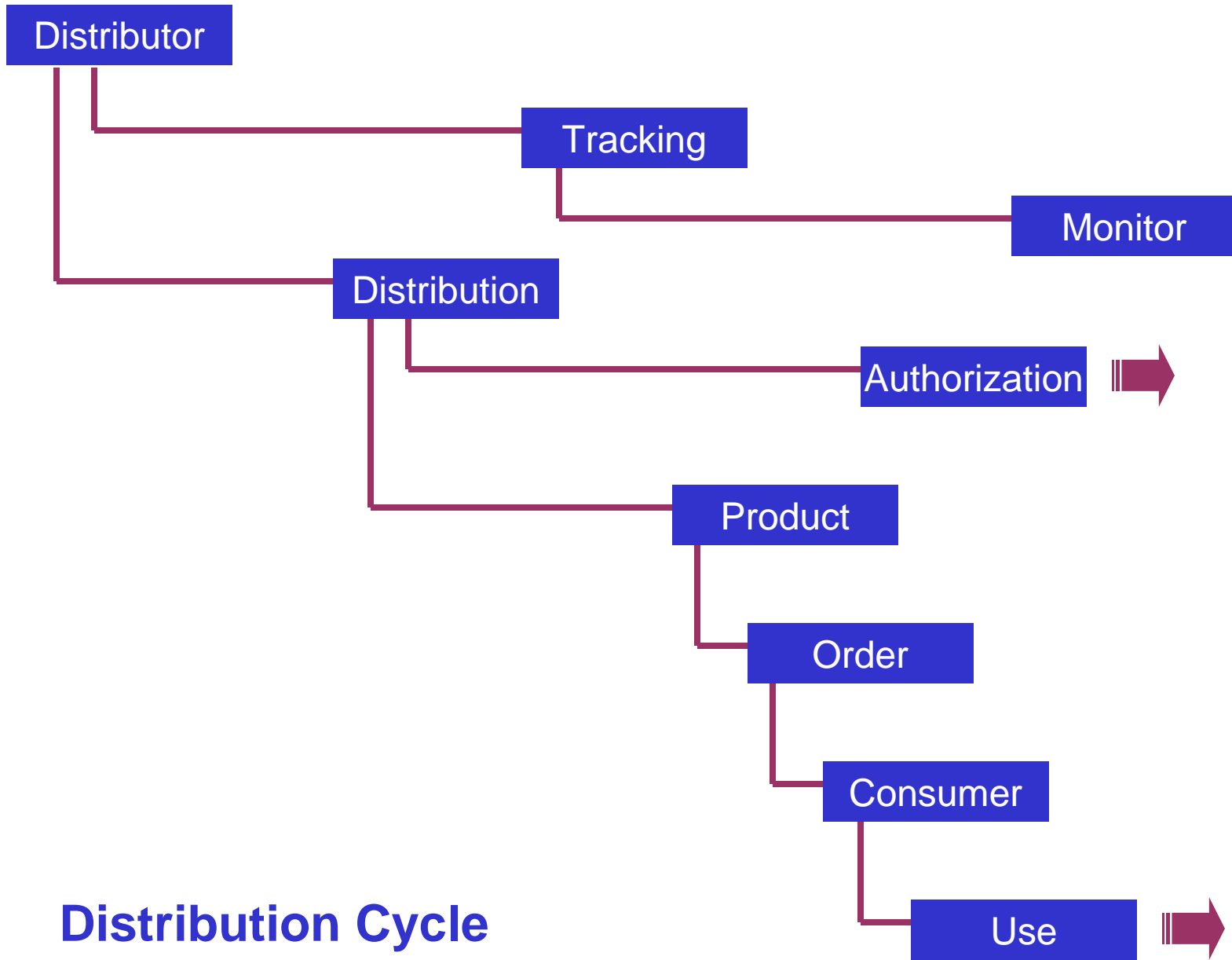
# Information architecture

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

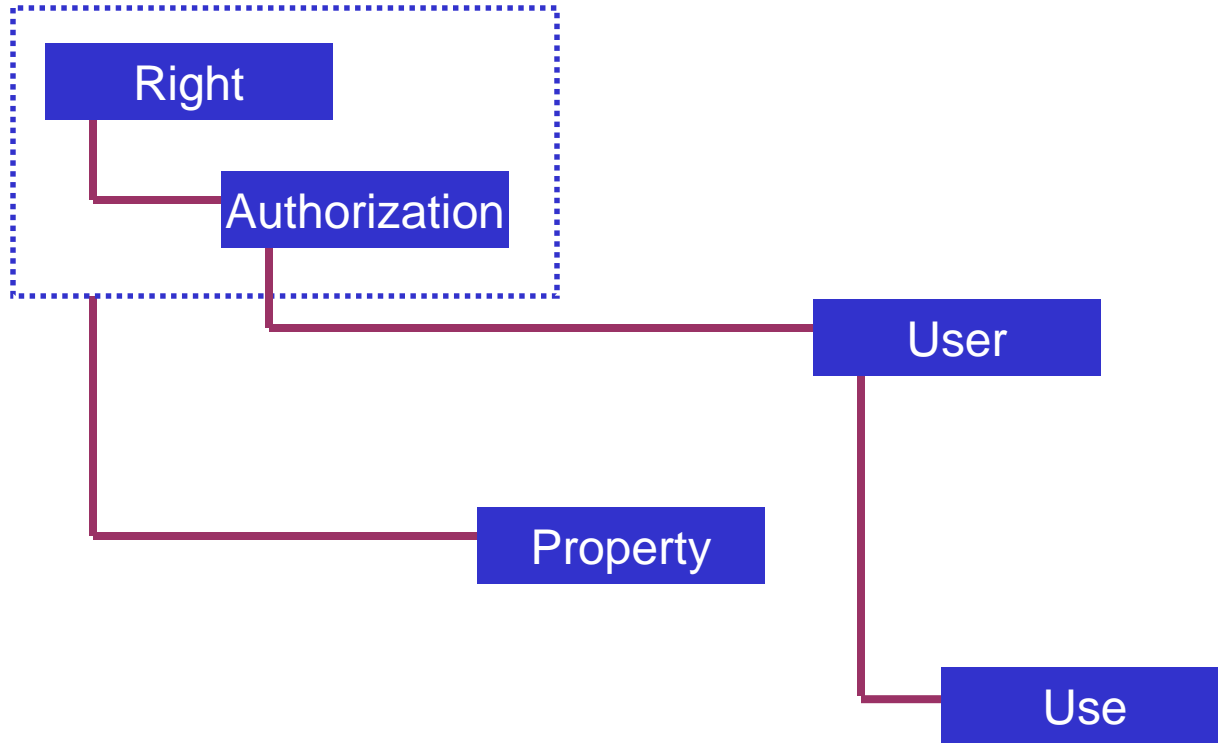


## Production Cycle



## Distribution Cycle





## Rights Management

# User transactions

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- 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	I	S	A	A	O	U	C
		E	D	E	C	C	P	S	C
		A	E	L	A	A	E	E	O
		R	N	E	C	C	N	U	N
		C	T	C	S	Q		S	T
		H	I	T	S	I		E	R
			F			R			L
						E			
<b>Content</b>									
<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

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