

Issues

Q1: What are the breakthroughs in preservation technology?

→ Technology that enables users share the resources

Q2: Content-based access to multimedia archives

– user's dream or reality soon?

→ It is the issues of

(1) Content search and dissemination. Web based systems are working well on that purpose (e.g., YouTube, Amazon).

(2) How to preserve growing network relations (meta-relation).

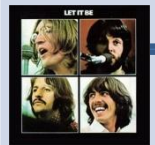
Q5: What kind of open standards are needed for preservation of multimedia content?

→ Same as the answer for Q1

Issue (in other words)

- How can we share the resources in order to minimize the cost for preservation?
 - Knowledge
 - Tools/Systems
 - Storage
 - [Money/Workload]
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- What is the commonality among archives?
 - Commodity technologies with well-defined interface points
 - Information Package format (but be careful with the level of meta-data)

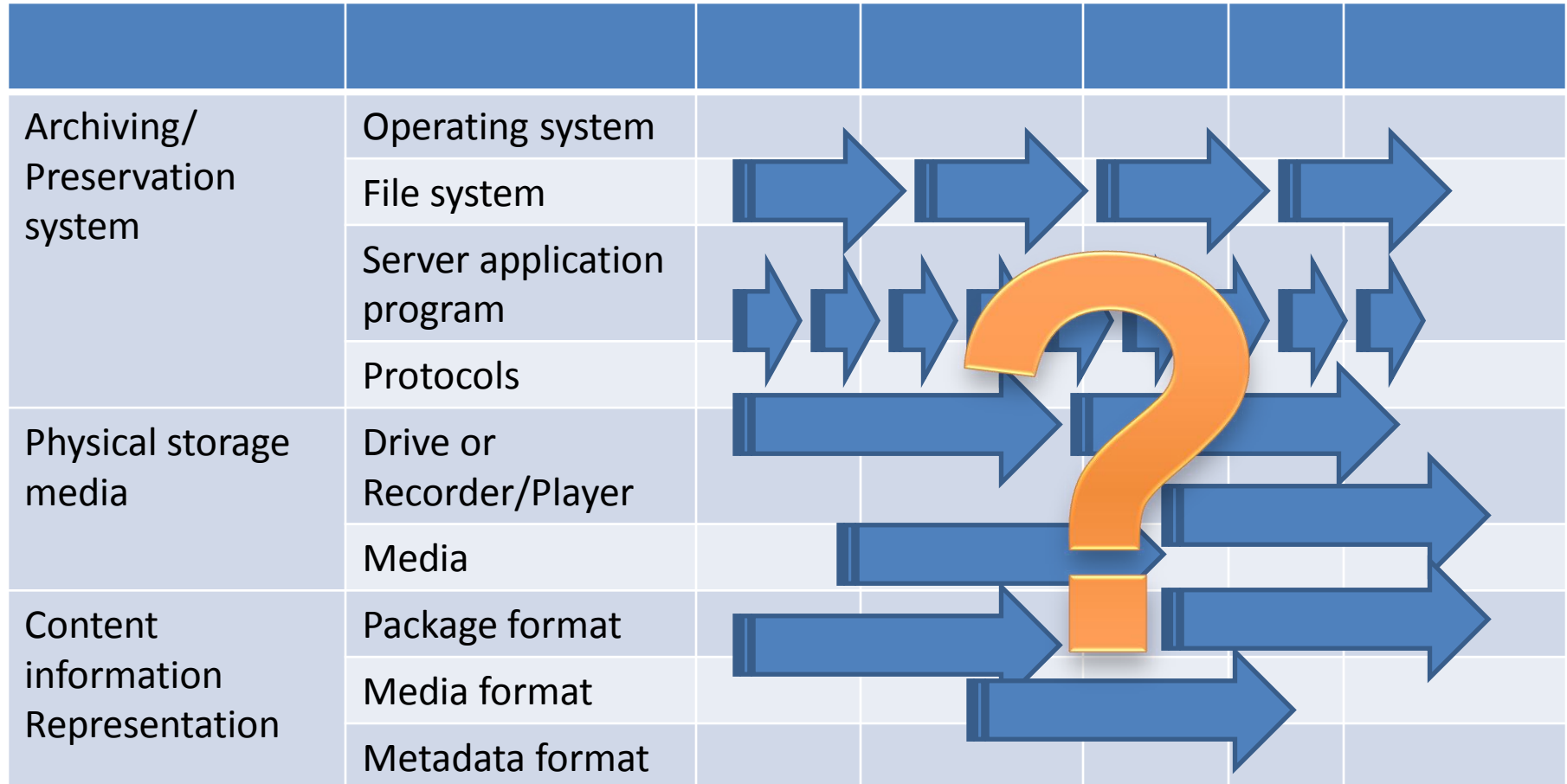
Reality: Life cycle of the Content

Content	 1685-1750	 1970	250 years 40 years Migrated to CD (1987)	CD (Digital re-master) 2009		
AIP	Written music score	Original master Recordings (TAPE)		Digital Re-master (PCM)		
DIP (Logical and physical media format for dissemination)	Live play based on the score	Analog record	Compact disk DVD?	Re-mastered Compact disk MP3?		
Access (Query format and renderer)	Concert hall	Record shop		Apple music store		

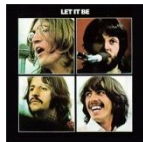
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Life cycle of technologies (that rules the migration cycle)



1685-1750



1970