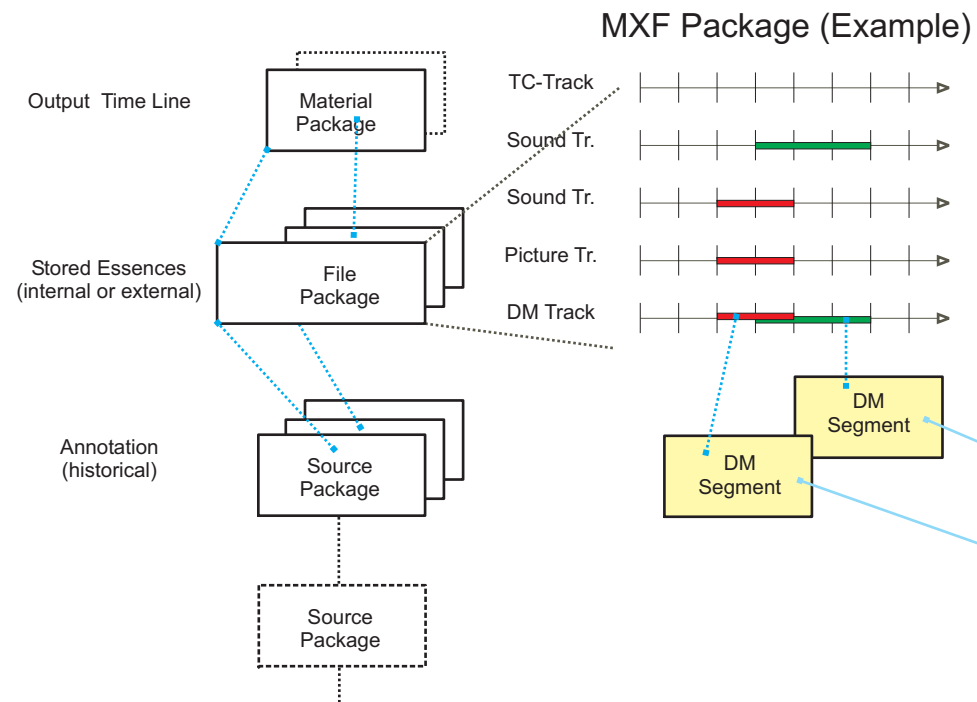


# MXF

## Logical model

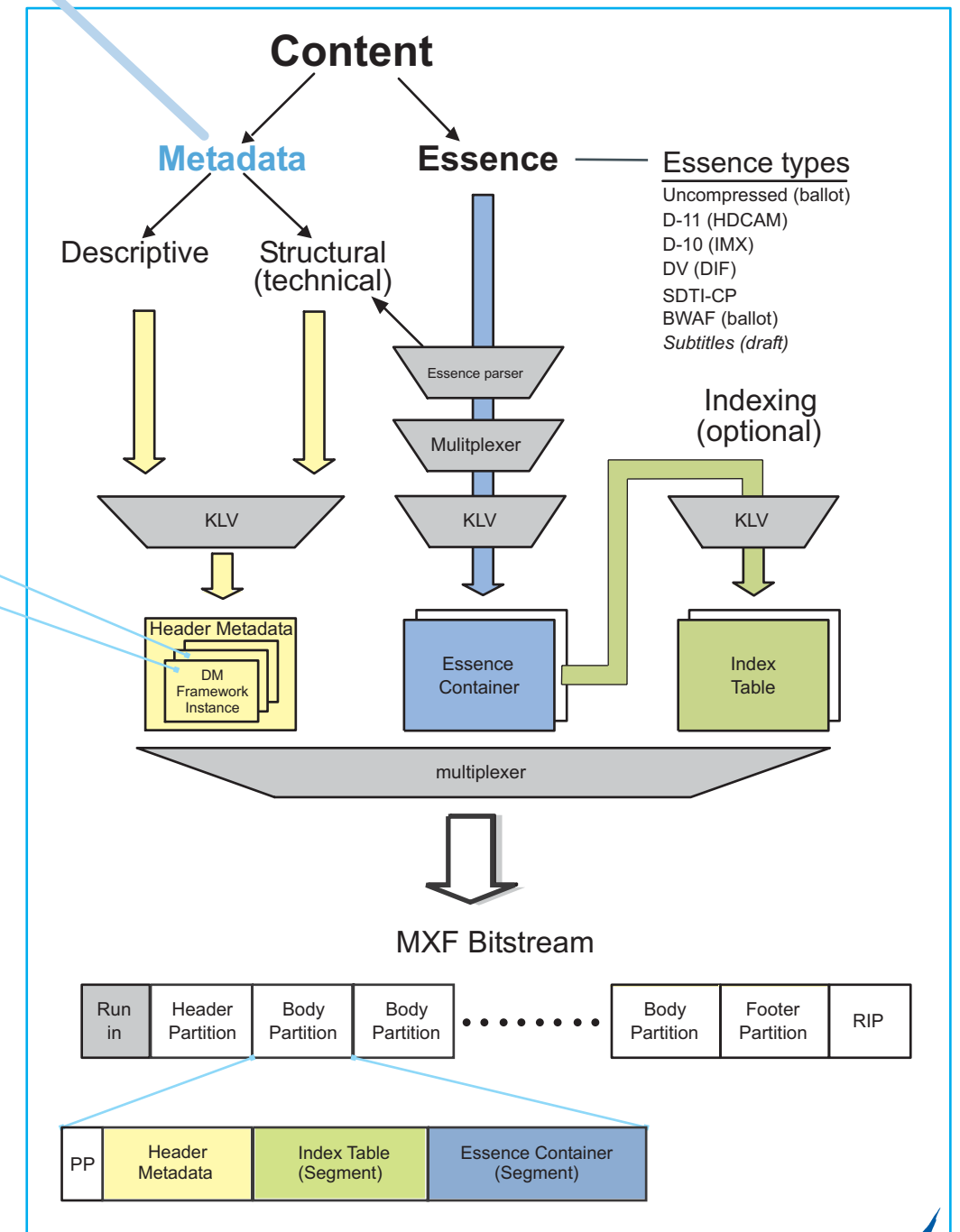


## Metadata

**Descriptive Metadata (DM):** MXF can carry Metadata as KLV (e.g. DMS-1) or as other Data (e.g. XML).  
 An XML instance may be encoded as a single KLV package. An example could be a description in P-META..  
 Descriptive Metadata can be associated at any level of the material: the whole programme, a single clip; a single frame, etc.

## Building an MXF file

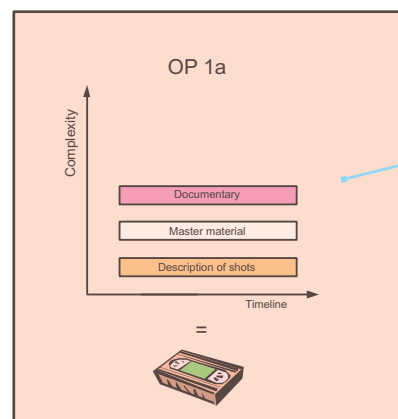
An MXF file consists of Essence and Metadata. The diagram below illustrates the building blocks of a generic method to generate an MXF file.



## Operational Pattern

Operational pattern constrain MXF to certain application environments. An OP affects the number of items and packages present in the file.

### Example



Package Complexity	Item Complexity		
	Single Item 1	Play-list Items 2	Edit Items 3
<b>Single Package</b>	a		
<b>Ganged Packages</b>	b		
<b>Alternate Packages</b>	c		

Notes for Single Package (a):  
 - Only 1 MP SourceClip = FP  
 - Each MP SourceClip = entire FP  
 - Any MP track from any FP track

### Example

