

## Summary Discussion of the DMS Workshop

(requirements for future Metadata and DMS work)

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# What did we learn.....

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- A number of specification and standards are available
- DMS-1 has been designed specifically for MXF and is growing.
- Usage of this standards and how they interrelate is up to the specialists - in particular up to vendors
- User have to carry out more homework than ever before („good for consultants“) and will discover that DMS-1 will not meet all UR

# What did we learn.....

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- **All standards (Dictionary and DMS) can be extended (nice!).**
  - Advantage or disadvantage (how far to extend and when do we stop or start new standard)?
- **But:**
  - DMS-1 is not yet standardised and further changes are expected
  - So far, vendors did not implement the (draft) standards because users did not ask for it („that's what they say“)
  - Users start to specify their individual requirements
  - Some user start with implementations without considering specifications at all

# Essence of most discussions

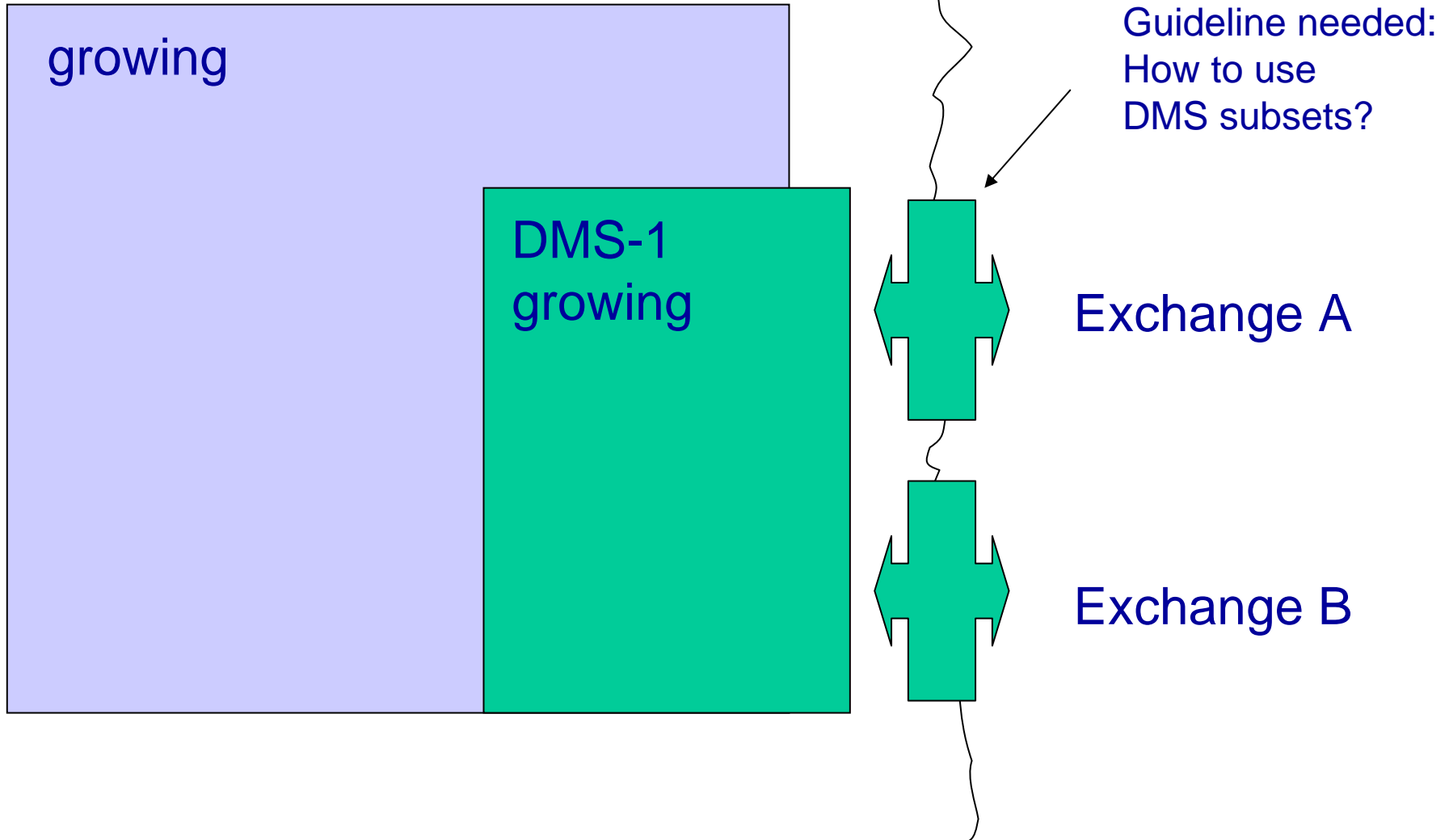
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- Comparisons of users analyses and DMS-1 showed:
  - many commonalities
  - differences in the attributes (no correspondences)
  - only subsets of DMS-1 would be required
  - optional versus mandatory issues
  - Questions on how to interface databases to DMS-1
  - Questions on how to use DMS-1 without MXF

# Use cases

RP210



# Requirements for new work

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- **Define the use cases for DMS-1. Show its limits!**
- **To finalize DMS-1 standard ASAP in order to achieve stability for vendors and users.**
- **Define the use of subsets of DMS-1 by means of recommendations so that users can utilize DMS-1.x according to their needs.**
- **Define pro/con analysis for RP210 type (UL) Metadata.**
- **SMPTE and/or EBU should address this work**
  - **provide easy to understand examples**
  - **resolve the magic of „mappings“**

# Quotes from WS Participants I

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- Use smaller amount of metadata as a start. What to put in MXF, what outside?
- Why is the “simple proposal” not available?
- User must do more homework; but think twice before start doing homework (training).
- DMS maybe suitable for more richer applications (MAM etc) but we need to learn about its capabilities.
- How to use DMS in a bigger system?
- Do not loose sight on the efficiency savings.
- Example work is required: Learning by doing.
- Pilot projects are required.

# Quotes from WS Participants II

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- Educational issues in understanding Metadata technology are required.
- Applications for the use of MXF: Is it suitable for Archiving? What is the right OP? ...
- Mappings are possible with a common denominator.
- Start with MXF and then the demand for basic descriptive metadata will come.
- DMS and its XML representation are vital and powerful.
- Standard bodies may not achieve consensus on one single scheme, therefore mappings are important.
- DMS over-complete for specific use cases. Complexity?!
- Define use cases before applying. DMS is more complex than required in practical use.



# Quotes from WS Participants III

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- Data base interfacing.
- Exchange of Metadata with common denominator. Start initiative of the EBU with shared workload.
- Do not forget the business issues.
- Get your own data-models clean.
- Give vendors a chance for implementing a small Metadata model.
- Learn from experience with mappings (maybe with EBU).
- Flexibility is required for DMS-1 to support use outside the MXF domain.
- Define a cut-down version (“profile”) of DMS-1 for EBU exchange purposes.

# Quotes from WS Participants IV

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- Defining an XML representations for DMS-1: Why not using P\_META which is already defined in XML?
- Explain the technology in a more understandable (user-friendly) way.
- Definition of a mandatory subset of DMS-1 is necessary and standard should be written.
- DMS-1 provides a toolbox approach without the need to use all of its information elements.
- Many data-models have commonalities. We should take advantage of this.
- Do not reduce DMS-1. It would also reduce functionality.
- KISS - Keep it simple and stupid.

# “Output Statement” of the workshop. Addressed to SMPTE and EBU

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Standardisation Bodies and/or User Organisations are requested to define use case related guidelines on metadata which are of common interest. This work should take into account:

- a) Define use case and propose simple templates (e.g. Metadata required in Contribution, News Exchange, Acquisition equipment, archival, postproduction etc.)
- b) Interoperability to the Descriptive Metadata specifications (which are already defined or which are currently under specification) in the context of MXF (DMS-1).
- c) If applicable, to propose simple example methods of translating from one descriptive scheme to another.