



Metadata Encoding & Transmission Standard

METS Version 2

iPRES 2022 – September 14th 2022

METS Editorial Board



METS

- METS = *Metadata Encoding and Transmission Standard*
- Maintained by the METS Editorial Board
- An XML schema-based specification for encoding “hub” documents for materials whose content is digital.
 - Descriptive metadata
 - Administrative metadata
 - Structural metadata
 - Content files
- Example use cases: SIP, AIP, DIP



Version 2: Motivation

- METS 1 has been stable for many years
- Variety of issues related to Xlink
- METS 2: Simpler, more flexible, improving consistency
- Removing rarely-used features
- Not backward compatible
- METS 1 will still be available and supported



Changes

- Remove XLink
 - LOCREF attribute instead of xlink:href
 - Any string, not just URI
- Unrestricted Attribute Values
 - No enumerated lists for MDTYPE, LOCTYPE, CHECKSUMTYPE, and others
- Removing Rarely-Used Sections
 - *structLink*
 - *behaviorSec*

Changes

- Simplified metadata section
 - *mdSec, mdGroup, md*
 - instead of *dmdSec, amdSec, techMD, rightsMD, sourceMD, digiprovMD*

Changes

- Simplified metadata section

- Example:

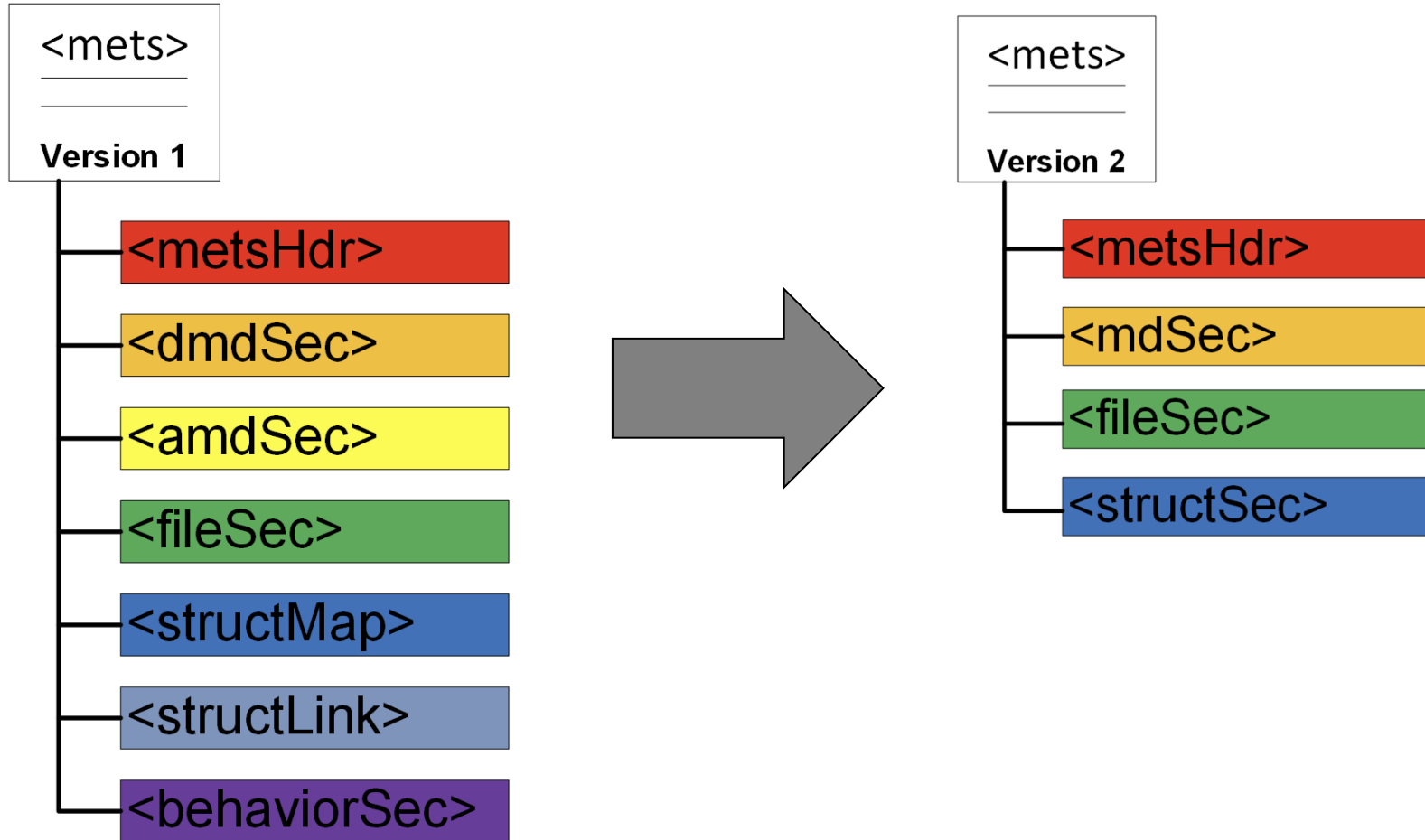
```
<mdSec>
  <mdGrp USE='DESCRIPTIVE'>
    <md USE='DESCRIPTIVE'>...</md>
  </mdGrp>
  <mdGrp USE='ADMINISTRATIVE'>
    <md USE='TECHNICAL'>...</md>
    <md USE='RIGHTS'>...</md>
    <md USE='SOURCE'>...</md>
    <md USE='PROVENANCE'>...</md>
  </mdGrp>
</mdSec>
```

Changes

- Removing Nested File Groups
 - No more than one level of *fileGrp*
 - *file* may be directly under *fileSec*
- Structural Section
 - *structMap* now in *structSec*
 - *structSec* and *structMap* not mandatory



METS first level elements





Next steps

- Release of white paper
- Release of XML schema
- Review and update of METS profile schema



Contact

Please join the METS mailing list for feedback and discussion about METS Version 2:

<https://bit.ly/metssignup>



METS website:

<https://loc.gov/standards/mets/>