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# ACES Metadata File

## 1. 2019-11-21 Implementation VWG Call Agenda

- Action items
- Specification status
- XSD status
- Primary use-cases
- File Formats
- Next steps
- AOB

## 2. Action Items

- none

## 3. Specification status

- Current draft: <https://acescentral.com/uploads/short-url/wSln5ZGSXJUeqnIDyO1BKIPJob7.pdf>
- Questions

## 4. XSD status

- Current version: <https://github.com/aforsythe/amf>
- Questions

## 5. Primary Use-cases

### 5.1. DIT template

1. Colorist or post house creates ACESclip XML using color grading system defining the 'look template' or potentially multiple looks for the project.
2. DIT is provided ACESclip XML which is then loaded into on-set grading system.

3. DP consults with DIT who modifies CDLs or LMTs within the on-set grading system throughout shooting.
4. DIT exports modified ACESclip XMLs to dailies alongside footage.
5. Dailies system reads ACESclip XMLs in order to bake in the look for editorial / dailies media, export new ACESclip XML alongside OCF (with ClipID elements) to associate with each clip.
6. Post house receives ACESclip XMLs alongside OCF and ingests into their database for conform and VFX pulls.

## **5.2. In-camera**

1. Camera is configured into ACES mode and generates an ACESclip XML for each clip on the camera card, depending on the in-camera settings used.
2. Dailies system reads ACESclip XMLs in order to bake in the look for editorial / dailies media, export new ACESclip XML alongside OCF, and writes ClipID elements into each XML to associate with each clip.
3. Post house receives ACESclip XMLs alongside OCF and ingests into their database for future conform and VFX pulls

## **5.3. VFX pull**

1. From #3 above, post house creates EXRs containing ACES 2065-1 for VFX pulls and sends sidecar ACESclip XML to VFX vendors with each shot.
2. VFX artist loads ACES EXR plate and ACESclip XML and VFX software is autoconfigured to give them a preview of the creative intent.

## **5.4. Final color**

1. Conform pulls and VFX shots come together with ACESclip XMLs during conform and give colorists the existing creative intent as a starting point
2. Exact implementation will vary across color grading software (similar to bringing in CDLs today)

## **5.5. Mastering/Archival (Academy DSM)**

1. Project is creatively approved and ready for archival of graded ACES master.

2. Color grading software exports ACES master along with ACESclip XML.
3. IMF mastering software imports ACES master along with ACESclip XML and creates ACES IMF (SMPTE App #5) / Academy DSM package

## 6. File Formats

- Identify the file formats that will support AMF
- Recommend file extension: .amf?

```
-> existing formats that use this extension  
https://en.wikipedia.org/wiki/Additive\_manufacturing\_file\_format
```

- Register Internet Media Type (aka MIME Type) ?

```
-> ex: application/aces-amf
```

### 6.1. Digital Mags

1. ARRI
2. BMD
3. Canon
4. Panasonic
5. Red
6. Sony
7. ?

### 6.2. log / editorial / vfx / color corection

1. Avid Log Exchange
2. OpenTimeline IO

### 6.3. Mastering/Archiving

1. Academy Digital Source Master (ADSM)

## **7. Next steps**

- form sub-groups

## **8. AOB**

?

## **9. Next Calls**

### ***9.1. Time & Date***

- Thursday, 11/21/19
- Thursday, 12/5/19
- Thursday, 12/12/19
- Thursday, 12/19/19
- Thursday, 1/2/19
- Thursday, 1/9/19

### ***9.2. Action Items***