

Digital Data Exchange Acronym Salad

MusicBiz 2016
Nashville



2015 Questionnaire results



Clear messages

- Too many versions
- Standards too complex
- Documentation too abstract, needs more use cases
- Inconsistent implementations

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Standards Development Process

- Introduce concept of Candidate Standards
- Only published internally to DDEX
 - Then wait for significant number of test implementations
 - Revise to iron out the creases
- Then make Standard public
- More likely to be the version widely implemented
- Therefore less public versions!



New Release Notification Message – ERN v4.0



Background

- The complaint DDEX was receiving is ERN is “too complex”
- But it is difficult to determine what is “too complex”
- DDEX had anecdotal evidence but nothing firm
- So development has at times been painful!

What has been agreed?

- ERN-4 will not be compatible with ERN-3
- ERN-4 will use the same overall structure of ERN 3
- All profiles shall remain supported
- Simplifications based on members' input
 - As no “target audience” necessarily members
- Other lower level detail

Where have we got to?

- Close to issuing a Candidate Committee Draft
- Normally this would only be available to DDEX members
- Considering making the Candidate Committee Draft available to all
- Need feedback on whether now not “too complex”

Digital Sales Report Flat File – DSR FF v3.0



Complaints on XML DSR

- Sales reports can reach 50GB
- Around 85% of this is “wasted” in tags
 - It can be compressed for transfer and archive
 - It has to be uncompressed for processing
- XML processing is comparatively slow
- DSR structure means that the file has to always be processed in one go

Design Goals

- Reduce file size
- Reduce running time
 - Create sales/usage report
 - Ingest sales/usage report
- Reduce cost
 - Implementation
 - Operation
- Enable ingestors to access a portion of a sales/usage report at a time
- Computer-readable and human-readable
 - The latter especially for smaller companies
- Cover initial set of crucial use cases
- Extensible

DSRF – Overall Structure

- Standard defines different record types
 - Header and footer
 - Summary records
 - Release/resource records
 - Sales/usage records
- Records contain ID for referencing within report
- Most records are grouped into (self-contained) “blocks” that describe Releases and their usages

Header Record (HEAD)

Summary Record 1

Summary Record 2

...

Summary Record *n*

Block 1

Block 2

...

Block *n*

Footer Record (FOOT)

Profiles in initial Release

- Audio Release Profile
- UGC Profile
- Under Development
 - AV Release Profile
 - Royalty Reporting Profile
 - Broadcast Profile

Current focus is on sales/usage reports for musical work rights owners.

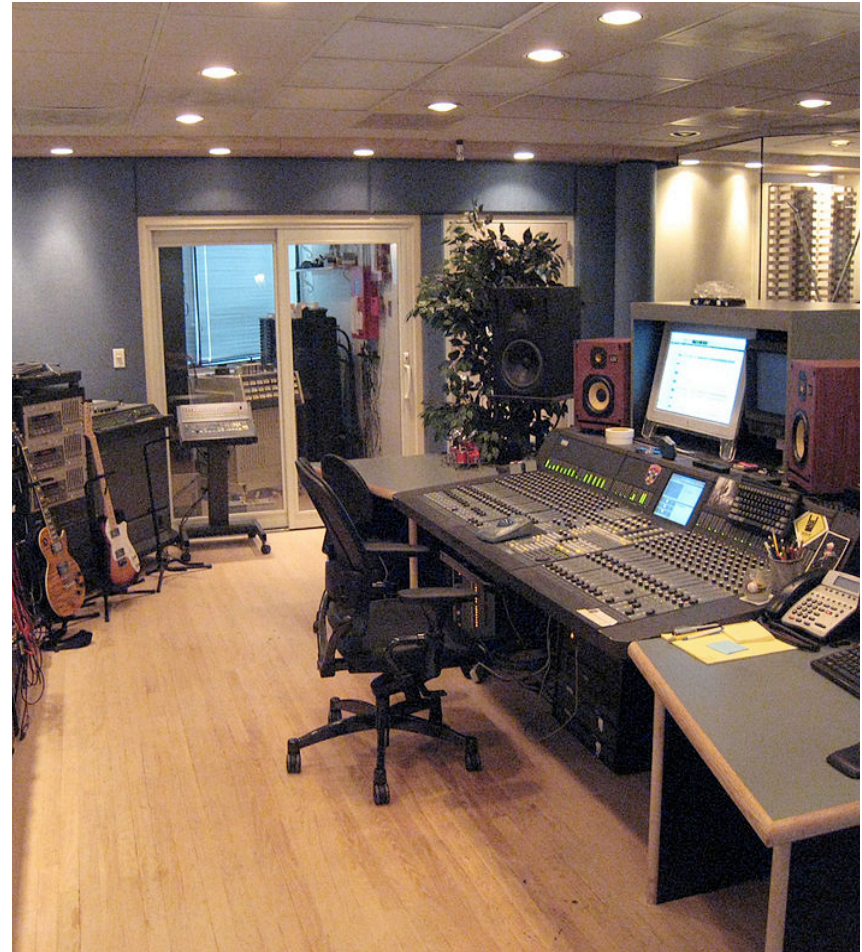
Work on sales/usage reports for sound recording rights owners is pending.

Recording Information Notification – RIN v1.0

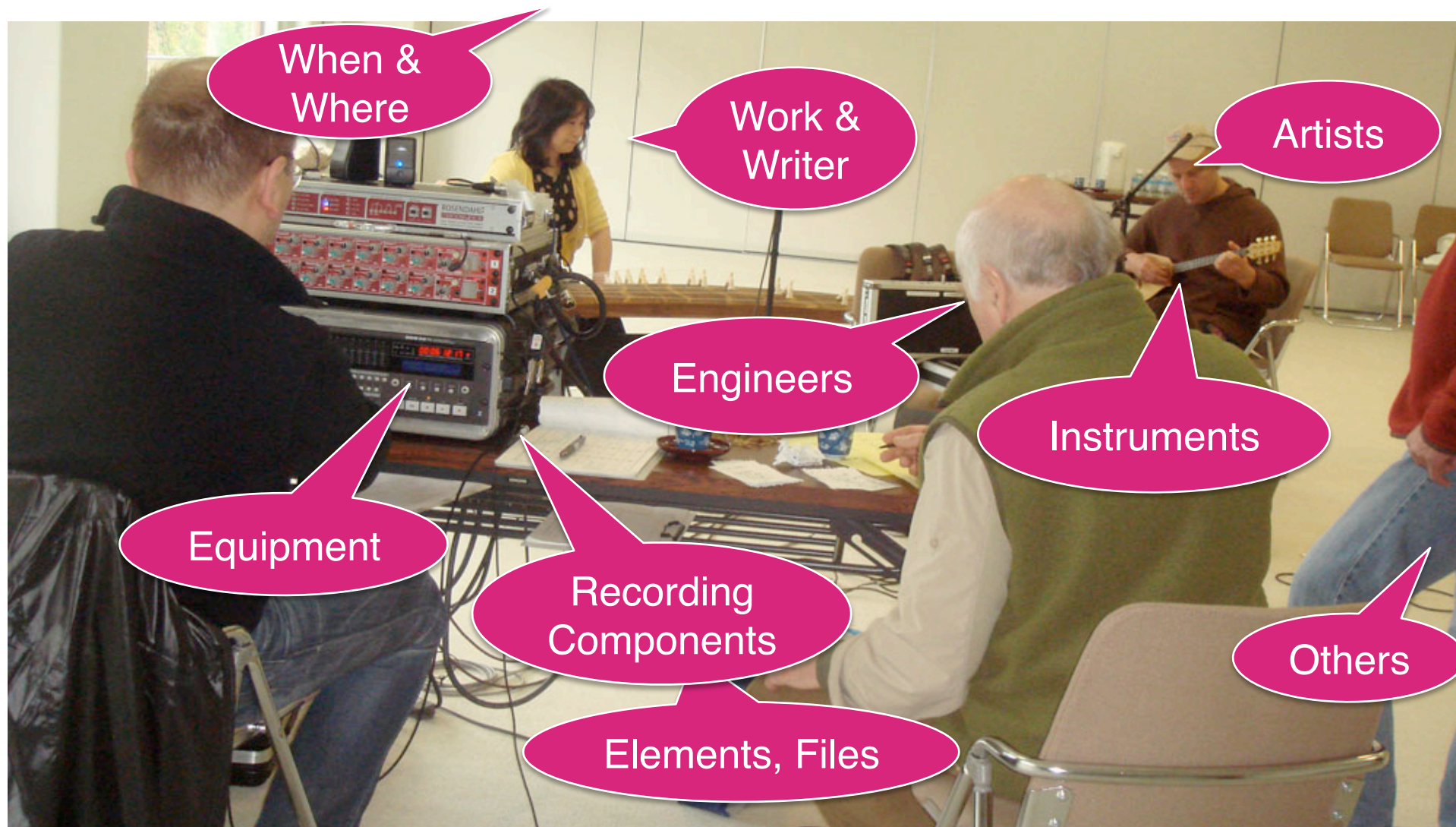


Recording Information Notification

- Without accurate content metadata
 - Consumers can't buy
 - Musicians/engineers won't get paid
- Content metadata is best collected
 - At source
 - At the time



Describing a Recording Session



Current and future activity

- DDEX works with Digital Audio Workstation manufacturers
 - Support for RIN
 - User-friendly means to collate “studio data”
 - Communicate RINs between DAWs
- v1.0 due before end of September
- DDEX holding half-day open Summit on studio data issues in October in Berlin



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