

## PROBLEM

### Archival Challenge

#### Info Silos

KEXP's media archives live in underdeveloped information silos without central access or storage and lacking a comprehensive catalog or even a complete inventory.

#### Risk of Loss

These information silos put archive materials at risk of loss and restrict the potential value that could be leveraged from each piece of content

### Library Challenge

#### Dirty Metadata

KEXP has play information locked up in 10+ years of inaccurate and duplicate artist, release, track and label metadata. This play information is the closest thing KEXP has to a complete inventory of holdings.

#### Poor Access & Insights

This makes library holdings less accessible and play information difficult to leverage for insights into the collection and its use.

## OBJECTIVES

### New MAM

KEXP is taking steps to address these challenges by investing in a new media asset management system (MAM)

### Schema Model

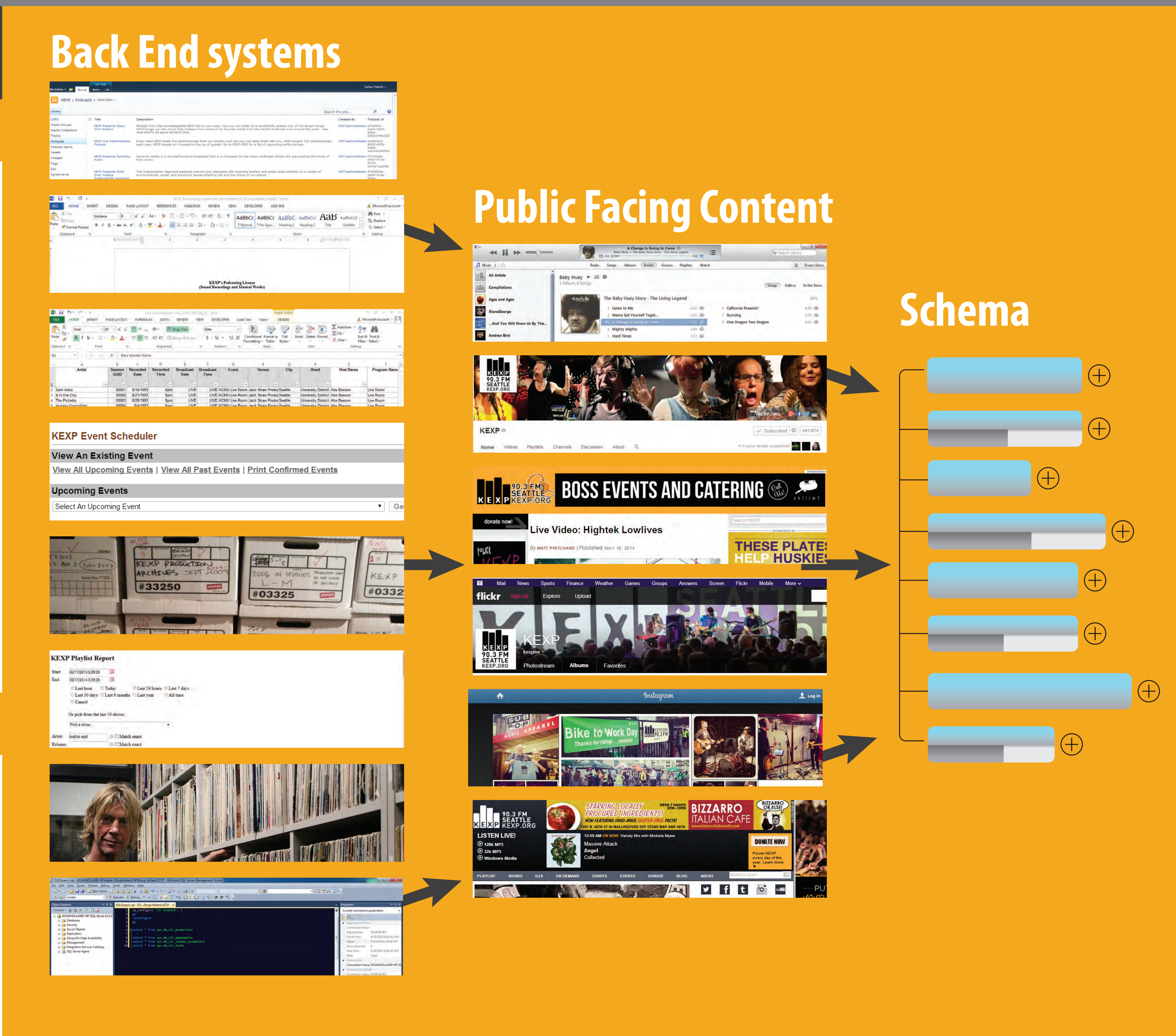
This project focuses on exploring the metadata requirements and making recommendations for a schema model to function as the backbone of this MAM.

### Metadata Cleanup

Additionally this project focuses on cleaning up duplicate and incorrect metadata. KEXP will work with MusicBrainz metadata for this process.

### Ingest Planning

Developing and documenting workflows and procedures for ingesting media into the new MAM.



## IMPACT

### Outcomes

#### Schema

Metadata schema being built with weeks of sandbox environment drafting, testing and refinements.

#### MusicBrainz

Addressing dirty metadata by partnering with the MusicBrainz database.

#### Added Value

With these vital pieces in place KEXP can start adding value and improving access to their collections for both music curators and their community of music enthusiasts alike.

#### Metadata Mapping

Mapping information from KEXP's existing information silos into the new metadata schema.

## PROCESS

### Raw Terms

**1600 Terms**  
Taking a dragnet approach to collecting header level terms in use at KEXP and in similar environments.

### Taxonomies

**2 Frameworks**  
Used to categorize each raw term into broad conceptual groups.

### Synonym Rings

**15 Headers**  
Grouping terms into Dublin Core element sets to identify synonyms, forming candidate groups for preferred term selection.

### Preferred Terms

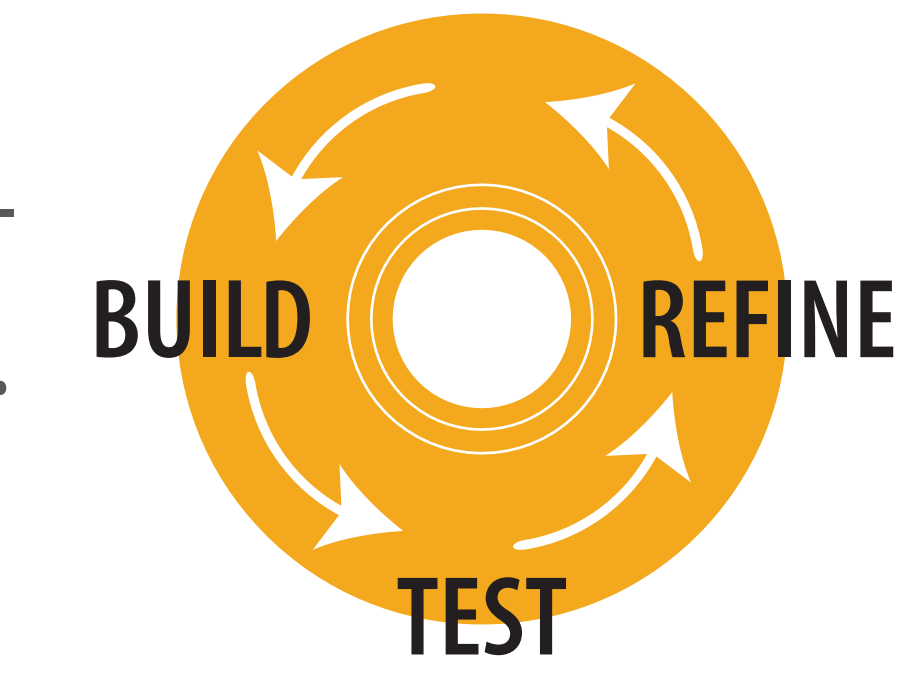
**Release vs. Album**  
Selecting preferred terms from various synonym rings identified within each top level grouping.

### Data Dictionary

**45 Terms**  
Preferred terms with definitions. Extended with 200+ top level sub elements, attributes and even more enumeration values.

### Schema Design

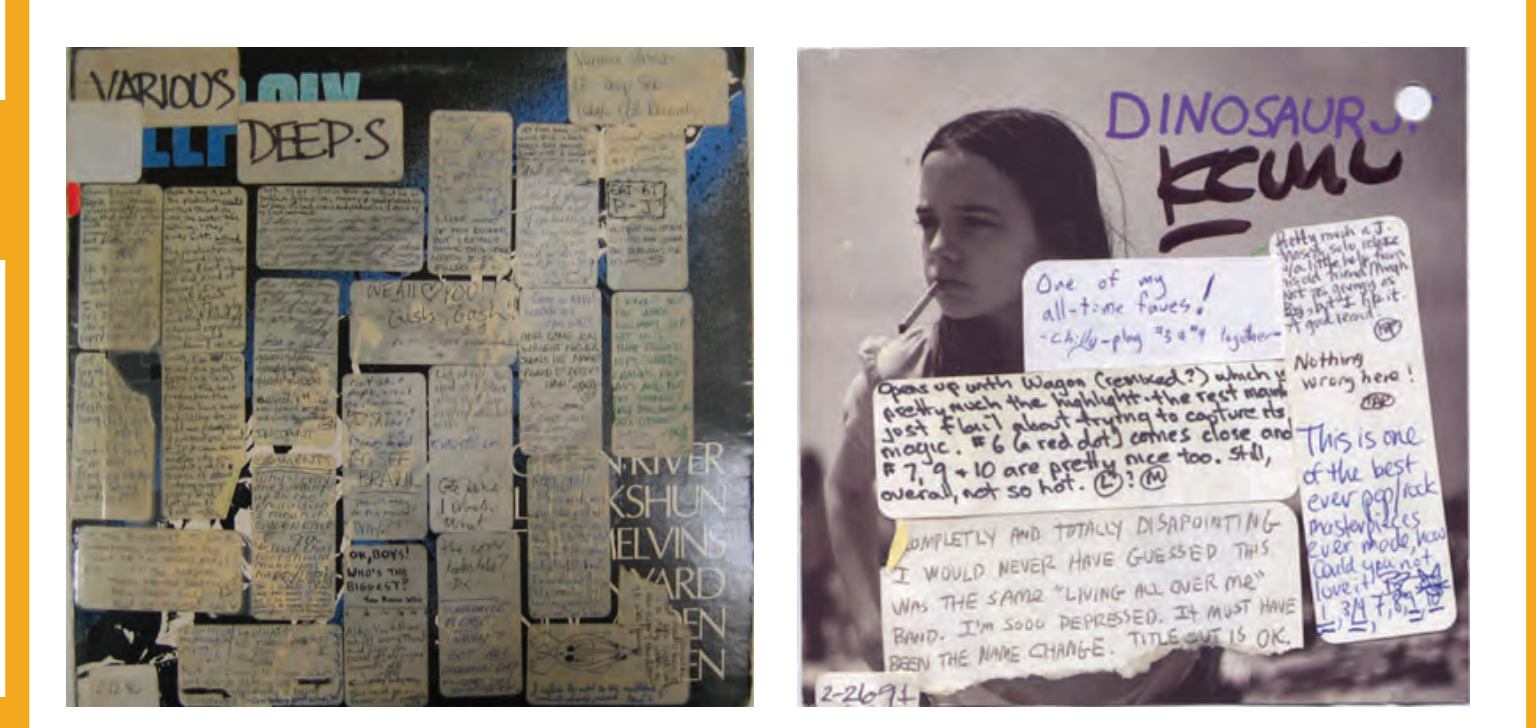
**25 Elements Groups**  
Taking cues from MusicBrainz, the Public Broadcasting Corporation's PBCore, and the European Broadcasting Union's EBUCore.



### Next Steps

#### Media Ingest

With all content types mapped, KEXP can begin the actual ingest of metadata and content into their new MAM.



#### Artist Pages

A single, canonical public facing collection of all KEXP content related to any given artist.

**BUILT TO SPILL**  
UPCOMING EVENTS  
-6/19- Live @ KEXP  
-6/20- Fremont Fair  
LATEST RELEASE  
There Is No Enemy  
DISCOGRAPHY  
Ultimate Alternative Wavers  
There's Nothing Wrong With love  
The Normal Years

PLAYED MOST ON  
Midday Show  
LAST PLAYED ON  
Larry's Lounge  
KEXP CONTENT  
Live Performances  
Podcastst