

# **KEXP SCHEMA DESIGN & MEDIA INGEST PLAN**





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# **PROBLEM**

## Archival Challange

## Info Silos

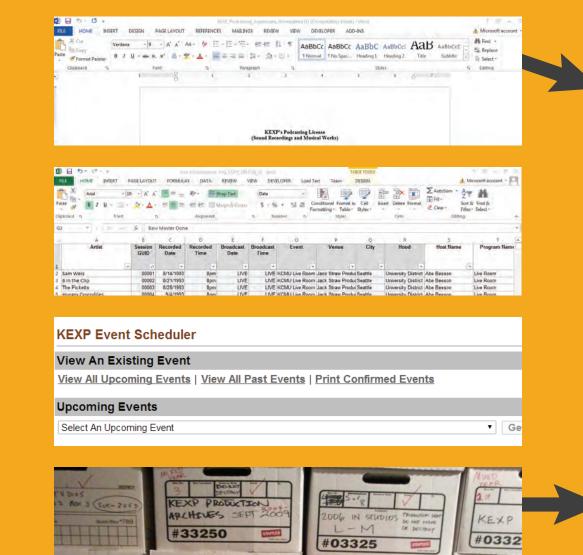
KEXP's media archives live in underdeveloped information silos without central access or storage and lacking a comprehensive catalog or even a complete inventory.

## **Risk of Loss**

These information silos put archive materials at risk of loss and restrict the potential value that could be

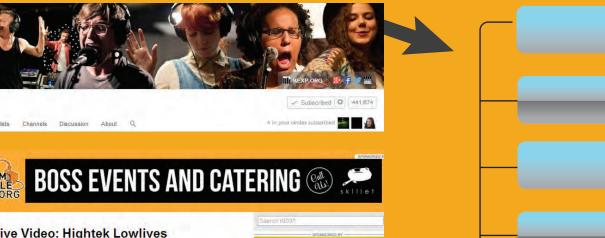
## **Back End systems**

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EXP + Pode	asts + newview -	54	arch this site	PO	
	E Trite	Description	Created By	Podcast Id	
ections	KEOP Presents Music That Matters	Biologik from the knowledgebbe REXP DLB to your ears, new you can latter to a wonderfully edectic mix of full length songer. CEDID longer you be much their matters from some of its favorite artists from the Pacific Intrifwest and anound the world. See what KEXP's all about at KEXP.ORG.	KMTLadminutrator	df7afd32+ 3e24-43e9- b4eb- 2d20144bc332	
	KECP Live Performances Podcast	Every week KEXP hasts five performances from aur studios and new you can take them with you. With roughly 200 performances each year, KEXP boats an impressive line up of guests. Go to KEXP.ORG for a list of upporting performances.	as KNTLadministrator	KMTLadministrator ha8/b0a3- 0605:440b-	
ma				adbolk28699a	
	KEXP Presents Sonarchy Radio	Sonarchy Radio is a line performance broadclast that is a showcase for the many nothivest artists who are pushing the limits of their mutan.	f KMT\administrator	f7235ade- bb42-472b- b27d- 3ef2d7aa2f0e	
ta	KEXP Presents Mind Over Natters Sustainability Segment	The Sustainability Segment presents one-on-one interviews with inspiring leaders and grass roots activists on a variety of environmental, social, and economic lasses affecting life and the future of our planet.	KMT\administrator	5745503e- 3e9d-414e- 954e-	



## **Public Facing Content**





THESE PLATES

**Schema** 

## 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.

#### leveraged from each piece of content

## Library Challenge

## Dirty Metadata

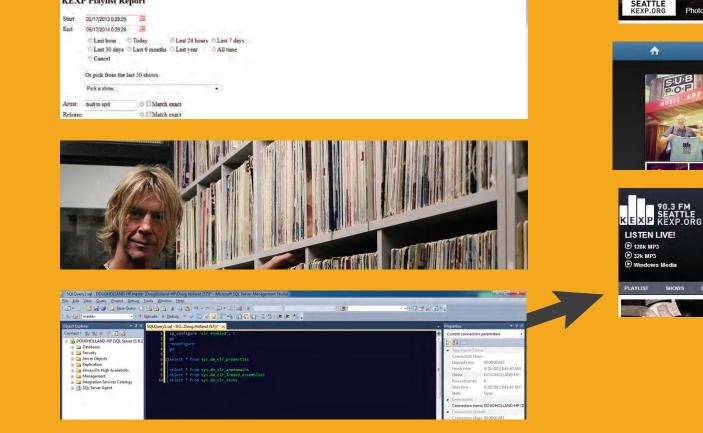
KEXP has play information locked up in 10+ years of inaccurate and duplicate artist, release, track and label metadata. This play information is the closest thing KEXP has to a complete inventory of holdings.

## **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

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## 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.

### **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.

## **Next Steps**

## Media Ingest

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

KEXP is taking steps to address thes	e challenges by
investing in a new media asset man	nagement 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.

## 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 Corpora-

tion's PBCore, and the European Broadcasting Union's EBUCore.



## Artist Pages

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





**BUILT TO SPIL UPCOMING EVENTS** 

128k MP3

32k MP3

D Windows Media





**PLAYED MOST ON Midday Show LAST PLAYED ON** Larry's Lounge

