I'll show you mine, if you show me yours: A vision for the future of film archive search

Stephen McConnachie
Head of Data, Collections & Information, BFI
FIAF Congress
14th April 2015, Sydney

Some warnings about this presentation…

Personal

- This is **a** vision, not **the** vision
- Archives may prefer to **not** expose their collections

Some warnings about this presentation…

Personal

- This is a vision, not the vision
- Archives may prefer to not expose their collections

Speculative

- This is not an explicit BFI ambition
- This is not a project plan

Some warnings about this presentation...

Personal
- This is a vision, not the vision
- Archives may prefer to not expose their collections

Speculative
- This is not an explicit BFI ambition
- This is not a project plan

Theoretical
- This posits an ideal future, without reference to budgets or politics

Some warnings about this presentation…

Personal
- This is a vision, not the vision
- Archives may prefer to not expose their collections

Speculative
- This is not an explicit BFI ambition
- This is not a project plan

Theoretical
- This posits an ideal future, without reference to budgets or politics

Biased
- This is not the vision of a Curator

Some warnings about this presentation...

Personal
- This is a vision, not the vision
- Archives may prefer to not expose their collections

Speculative
- This is not an explicit BFI ambition
- This is not a project plan

Theoretical
- This posits an ideal future, without reference to budgets or politics

Biased
- This is not the vision of a Curator, Conservationist

Some warnings about this presentation...

Personal
- This is a vision, not the vision
- Archives may prefer to not expose their collections

Speculative
- This is not an explicit BFI ambition
- This is not a project plan

Theoretical
- This posits an ideal future, without reference to budgets or politics

Biased
- This is not the vision of a Curator, Conservationist, Collections Manager

Some warnings about this presentation...

Personal
- This is a vision, not the vision
- Archives may prefer to not expose their collections

Speculative
- This is not an explicit BFI ambition
- This is not a project plan

Theoretical
- This posits an ideal future, without reference to budgets or politics

Biased
- This is not the vision of a Curator, Conservationist, Collections Manager or Lawyer

Some warnings about this presentation...

Personal	• This is a vision, not the vision • Archives may prefer to not expose their collections
Speculative	• This is not an explicit BFI ambition • This is not a project plan
Theoretical	• This posits an ideal future, without reference to budgets or politics
Biased	• This is the vision of a Head of Data

A vision for the future of film archive search

How is this different from EFG?

- EFG offers a centralised portal, with collection owners adding records to the central store: this is a model for aggregating in a decentralised form, local systems joining up, not local systems joiining to centralised store

- EFG offers a selection of digital collections: this is all collections, not a selection. As a result it is a warts-and-all, no human intervention model…

A vision for the future of film archive search
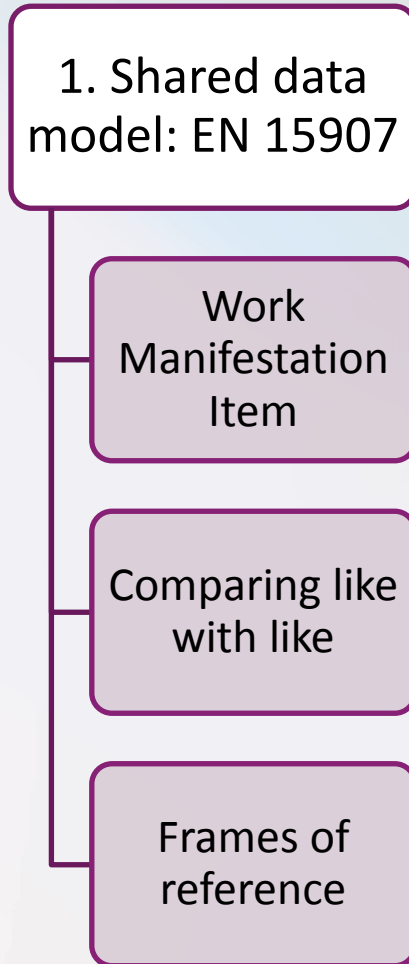
The building blocks

```
┌─────────────────────┐
│  1. Shared data      │
│  model: EN 15907     │
└──────────┬──────────┘
           │
           ├──────┐ ┌──────────────────┐
           │      │ │      Work         │
           │      └─┤   Manifestation   │
           │        │      Item         │
           │        └──────────────────┘
           │
           │      ┌──────────────────┐
           ├──────┤  Comparing like   │
           │      │    with like      │
           │      └──────────────────┘
           │
           │      ┌──────────────────┐
           └──────┤    Frames of      │
                  │    reference      │
                  └──────────────────┘
```

A vision for the future of film archive search
The building blocks

1. Shared data model: EN 15907

- Work Manifestation Item
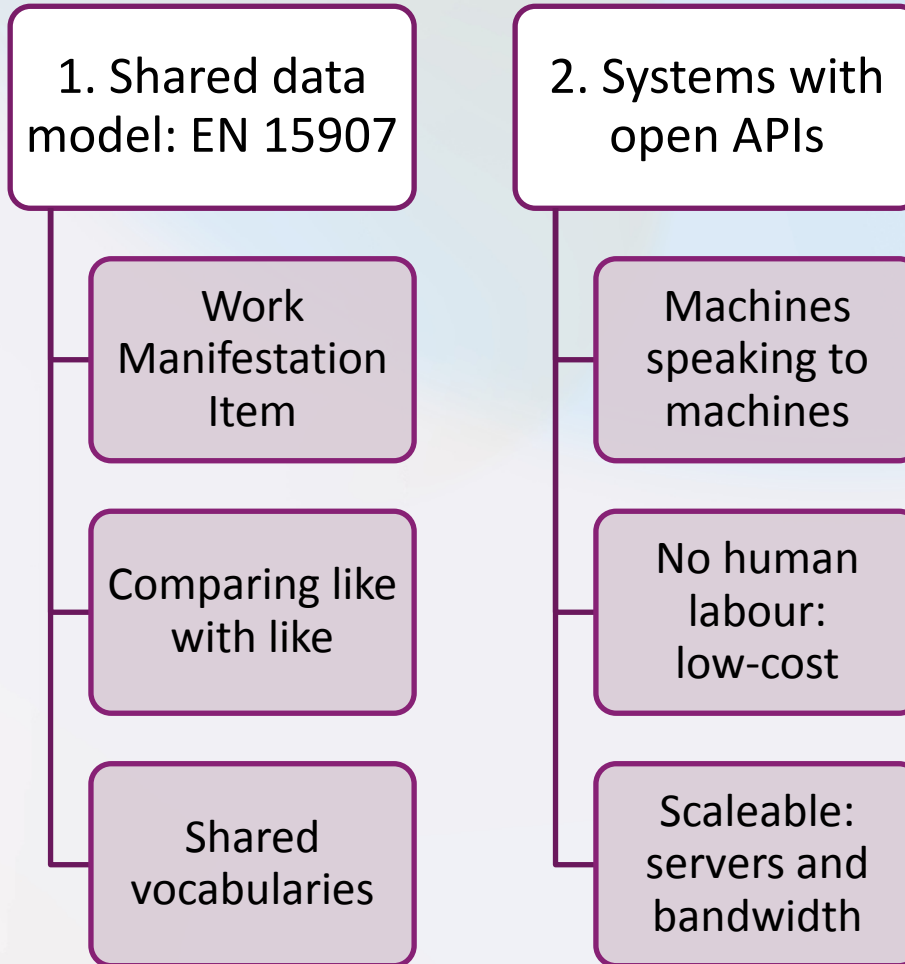- Comparing like with like
- Shared vocabularies

A vision for the future of film archive search

The building blocks

A vision for the future of film archive search
The building blocks

1. Shared data model: EN 15907

- Work Manifestation Item
- Comparing like with like
- Shared vocabularies

2. Systems with open APIs

- Machines speaking to machines
- No human labour: low-cost
- Scaleable: servers and bandwidth

A vision for the future of film archive search

The building blocks

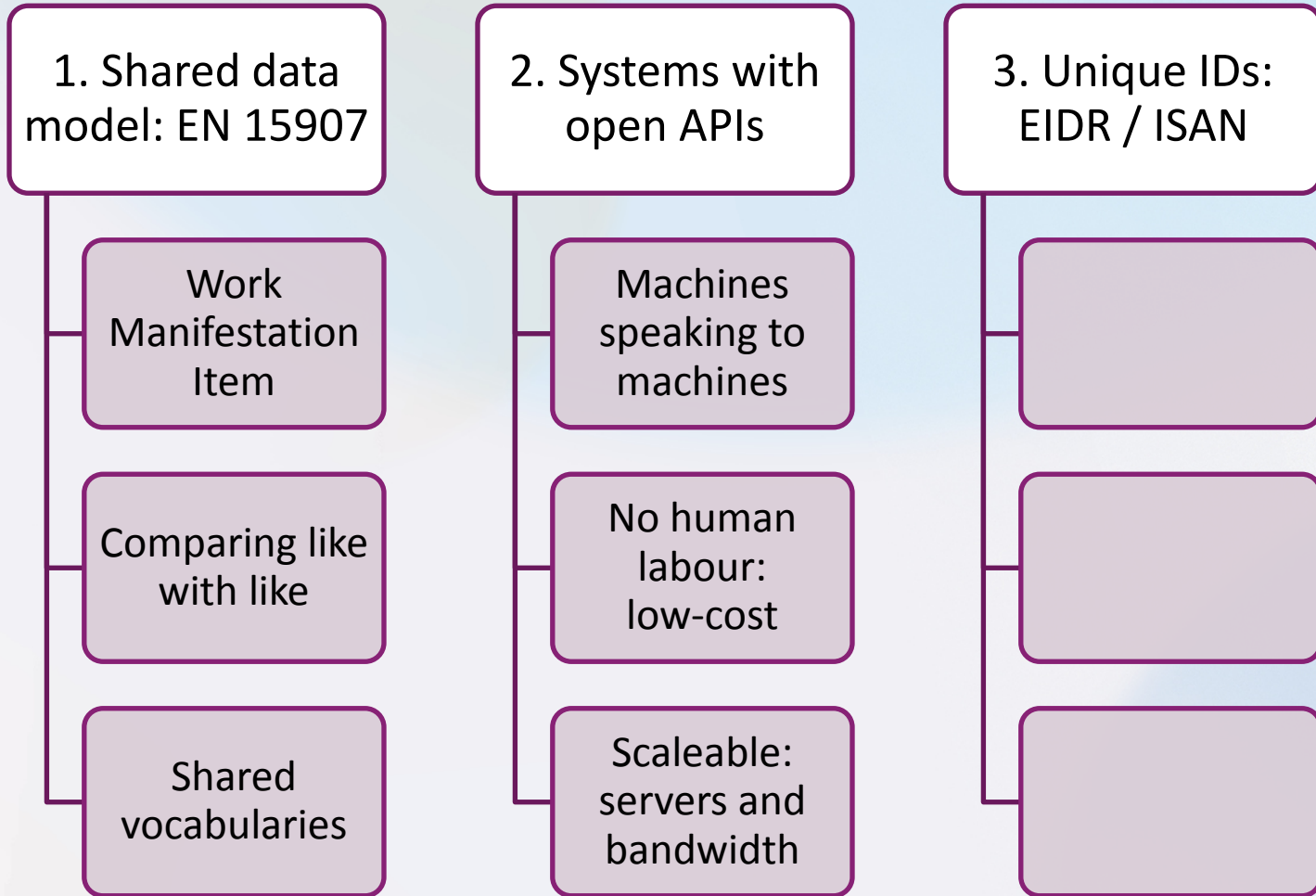# A vision for the future of film archive search
The building blocks

1. Shared data model: EN 15907	2. Systems with open APIs	3. Unique IDs: EIDR / ISAN
Work Manifestation Item	Machines speaking to machines	
Comparing like with like	No human labour: low-cost	
Shared vocabularies	Scaleable: servers and bandwidth	

A vision for the future of film archive search

The building blocks

I'll show you mine,
if you show me yours:
A vision for the future of film
archive search

Stephen McConnachie,
Head of Data
Collections & Information, BFI

stephen.mcconnachie@bfi.org.uk
@mcnatch