Linked Collections and an Enhancement Ecosystem

Design for **Context**
Making software applications and web sites easy to use

Activate the Collection

Increase flexibility for a wide range of uses

Extend the Collection

Allow partnerships and wider use to enrich your information

Learn from Use

Feedback loops and analytics build information value

User Experience

Applications

- Public website
- In-gallery interactives
- Scholarly research portal
- Public collection search
- Scholarly pubs
- Education, interpretive resources
- Collection APIs
- Online galleries

Enable users and partners to be successful

Partnerships

- Scholar engagement
- Partner institution collaboration
- Cross-department collaboration

Leverage ***reliable, authoritative*** partner contributions.

Understand how resources are used

Usage Gathering

- *Analytics*: Use tracking, Crawl related content
- *User insights*: Tagging, Annotation, Created links
- *Collaboration*: Peer-to-peer, Group work

Many analytics tools are in use, but ***are they used effectively?***

Leverage integrated data and content

Rapidly create applications that serve the public, partners, researchers, and internal users.

Build new applications and ***reduce one-offs.***

Capture insights and interpretations

Distill insights from your users

Data/Content Delivery

Linked Collection

APIs -- *Linked Open Usable Data*

- Linked collection data
- IIIF image sharing
- Modern search capabilities
- Shareable vocabularies, taxonomies

Reconcile "entities" (people, places, events, subjects) with common authorities.

Scholarly Enhancements

- Relationships between objects and concepts
- User annotation management
- Capture "interpretive snippets"

Extend capture of annotations, relationships, interpretation

Enhanced Patterns of Use

- Refined interaction design for UIs
- "Related" content drawn from usage
- User profiles and preferences

Discover new, hidden knowledge.

Translate & integrate as linked data

Prepare your data in ***months, not years,*** leveraging emerging standards (IIIF, Linked.Art...).

Refine existing system cataloging

Increase ***sustainability*** and extend your collection's reach and value.

Leverage new technologies for insights

Data/Content Management

[Legacy] Collection Systems

- Art collection data
- Library catalogue records
- Archival records, notes, aids
- Digital assets & metadata
- Curatorial records
- Special collections
- Visitor, member data
- Conservation data/images

Replacing legacy systems is ***not a prerequisite,*** consider how to avoid adding that to your critical path for successful linked collections.

Establish sustainable practices

Curator / SME Reviews

- Richer collection descriptions
- Highly contextual classifications

Record ***new knowledge*** about your collection incrementally.

Extend collection data over time

Emerging Technologies

- Machine learning
- Text analysis / auto-classification
- Computer vision

Bring ***embedded patterns*** and connections to the surface for expert review.

Prepared by Duane Degler, Kate Blanch, Karen Bachmann, Lisa Battle. *Feb 2018 (c) Design for Context*