

DSpace Structure Overview

OhioLINK Digital Resource
Commons Training
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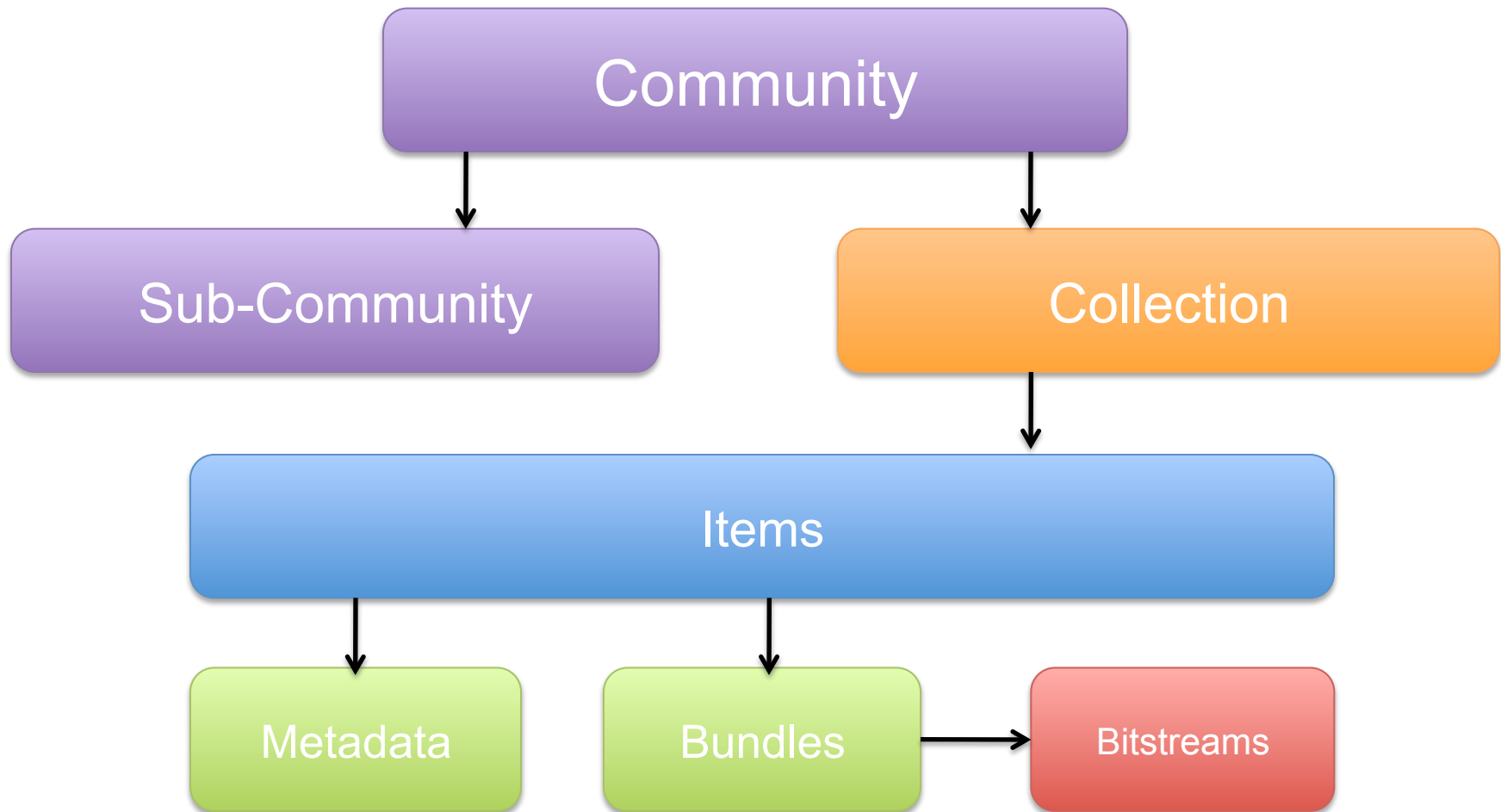
Resources

The DSpace Course

(Stuart Lewis & Chris Yates and the Repository Support Project <http://www.rsp.ac.uk/>)

<http://cadair.aber.ac.uk/dspace/handle/2160/615>

DSpace Hierarchy



The DSpace Community

- Each DSpace service is comprised of Communities – the highest level of the Dspace content hierarchy
- Communities may be:
 - Departments
 - Labs
 - Research Centres
 - Schools
- Each community contains descriptive metadata about itself and the collections contained within it



Community

The DSpace Collection

- Each community in turn have collections which contain items or files
- Collections can belong to a single community or multiple communities (collaboration between communities may result in a shared collection)
- As with communities, each collection contains descriptive metadata about itself and the items contained within it



Collection

Example Structures

- Structures may be based around organisational units:

Community	Collection	Items
Department	Research Group	Items
Department	Item Type	Items
Faculty	School	Items

- Structures are hierarchical:

Community	Sub Community	Collection	Item
Department	Sub Department	Research Group

The Item

- “Item” refers to the item record, which contains the metadata and relevant files for a piece of content.
- Two major parts: Metadata and Bundles



Items


The Item

Army Sergeant Lester Martin WWII Era

[Show full item record](#)

Title:	Army Sergeant Lester Martin WWII Era
Creator:	Creator Unknown
Description:	Photograph of an Lester Martin with two medals on his breast pocket;
Bookmark:	http://hdl.handle.net/2374.KENY/3845
Date:	1945

Files in this item

Files	Size	Format	View
armysergantWWIIera.jpg	477.9Kb	image/jpeg	

Metadata

Title:	Army Sergeant Lester Martin WWII Era
Creator:	Creator Unknown
Description:	Photograph of an Lester Martin with two medals on his breast pocket;
Bookmark:	http://hdl.handle.net/2374.KENY/3845

dc.description.provenance	Approved for entry into archive by Ric Sheffield(sheffier@kenyon.edu) on 2010-07-24T21:17:20Z (GMT) No. of bitstreams: 1 armysergantWWIIera.jpg: 477900 bytes, checksum: 4cb1f449e5d450d85a3ff9e4d6b6df5e (MD5)	en
dc.subject	migration	en
dc.subject	military service	en
dc.subject	Lester Martin	en
dc.title	Army Sergeant Lester Martin WWII Era	en
dc.type	Image	en
dc.contributor.repository	Knox County Black History Archives at Kenyon College	en
dc.provenance.donor	Betty Jane Ralls Rouse Proffit	en

Bundles

- Collections of files
- Typical bundles include
 - ORIGINAL bundle - the raw files deposited into the repository
 - LICENSE bundle - a copy of the license that was agreed to during submission
 - TEXT - the extracted text (for indexing purposes) for each file in the ORIGINAL bundle.



Bundles

Bitstreams

- The files contained in the bundles. For example...



Bitstreams

Bitstreams

Edit Item

[Item Status](#) [Item Bitstreams](#) [Item Metadata](#) [View Item](#)

Bitstreams

Name	Description	Format	View
Bundle: ORIGINAL			
<input type="checkbox"/> armysergantWWIIera.jpg	WWII soldier	JPEG	[view]
Bundle: LICENSE			
<input type="checkbox"/> license.txt		License	[view]
Bundle: THUMBNAIL			
<input type="checkbox"/> armysergantWWIIera.jpg.jpg	Generated Thumbnail	JPEG	[view]

[Upload a new bitstream](#)

Delete bitstreams

Return

Return to Collection