



Procuring Digital Preservation: SDB & Preservica

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Digital Preservation Market

- Digital Preservation Systems market **EXISTS**
- Think product selection, not bespoke development
- Can configure & customise a product
- Consider customising your processes
- Products have roadmaps, so you benefit from future improvements (as part of a support contract)
- Think total cost

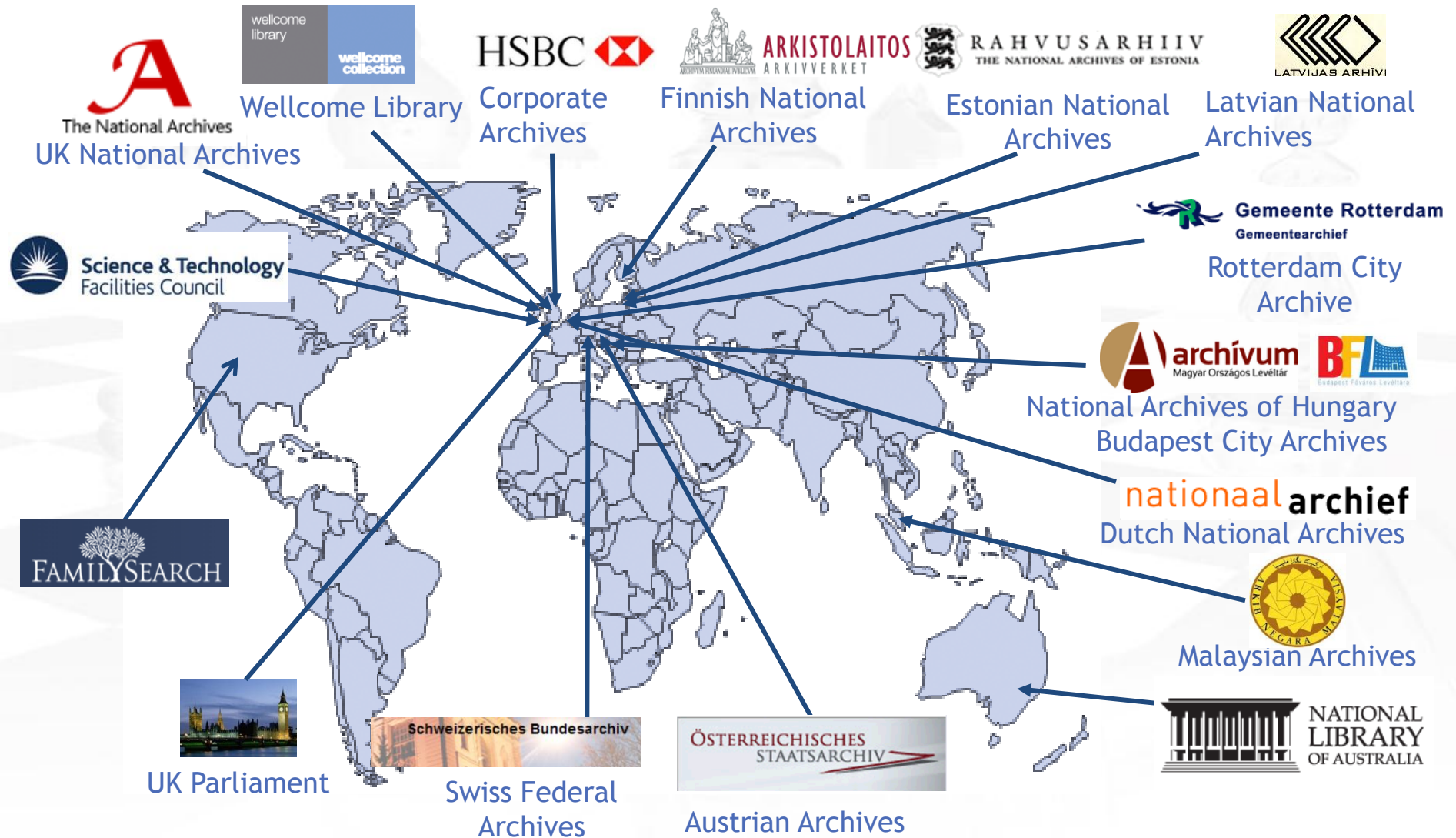
Consider Prototyping or Pilots

- Consider running a prototype or pilot to discover your requirements
 - Find out how you would REALLY use a digital archive
 - What features are important & which don't matter
 - No commitment at this stage
 - Consider a cloud-based digital preservation system

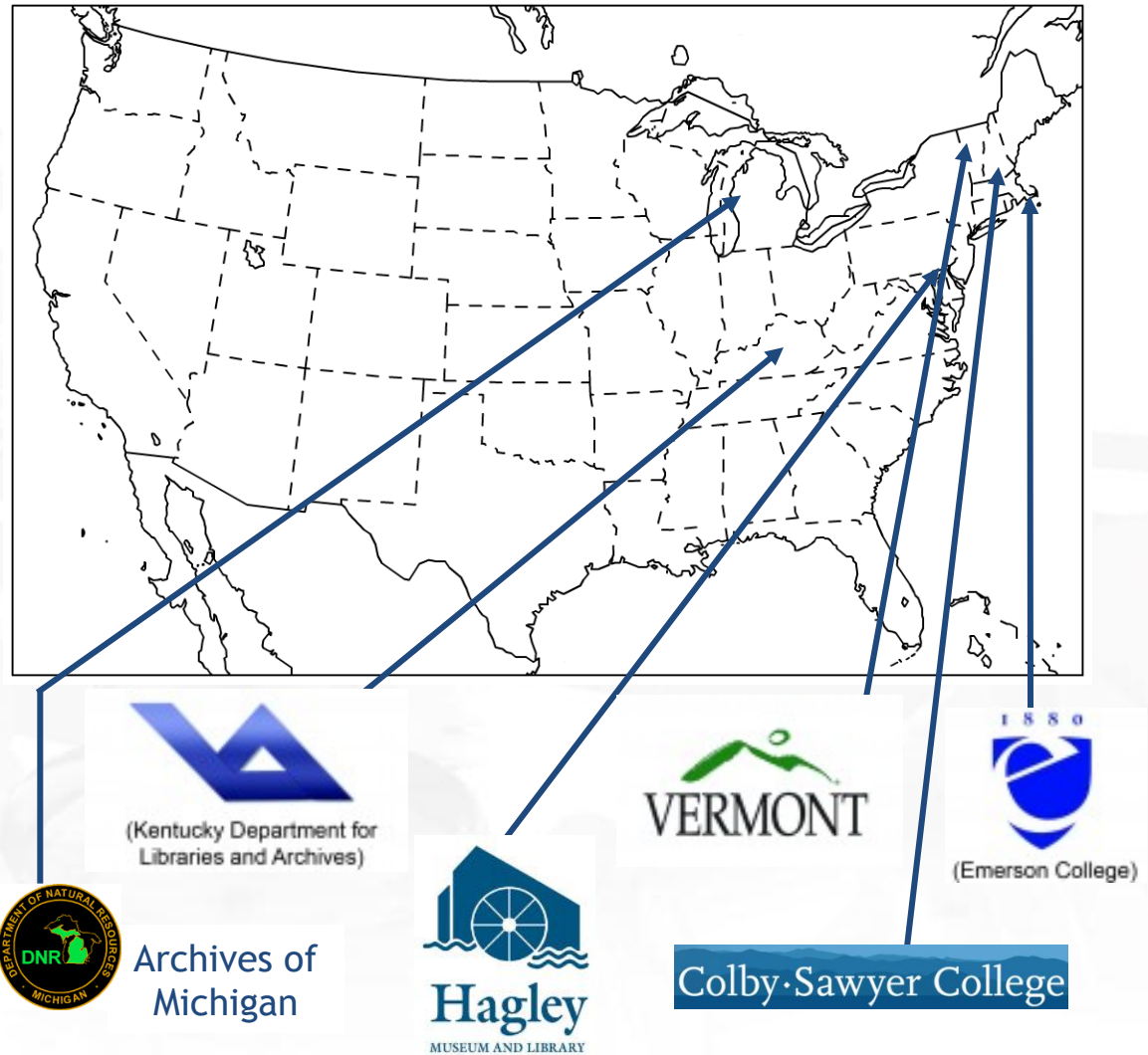
Tessella's Digital Preservation Systems

- OAIS-compliant digital preservation system
- Bitstream & logical (active) preservation
- ❖ SDB
 - Configurable and customisable
 - API => extensible by 3rd parties (not just Tessella)
- ❖ Preservica: SDB in the cloud
 - Limited configuration, no customisation
 - Easier to get started (no infrastructure costs/procurement)

Digital Archiving Systems in 11 Countries across 4 Continents



Preservica : Digital Preservation as a Service





Thank you!

Contact us at:

info@tessella.com

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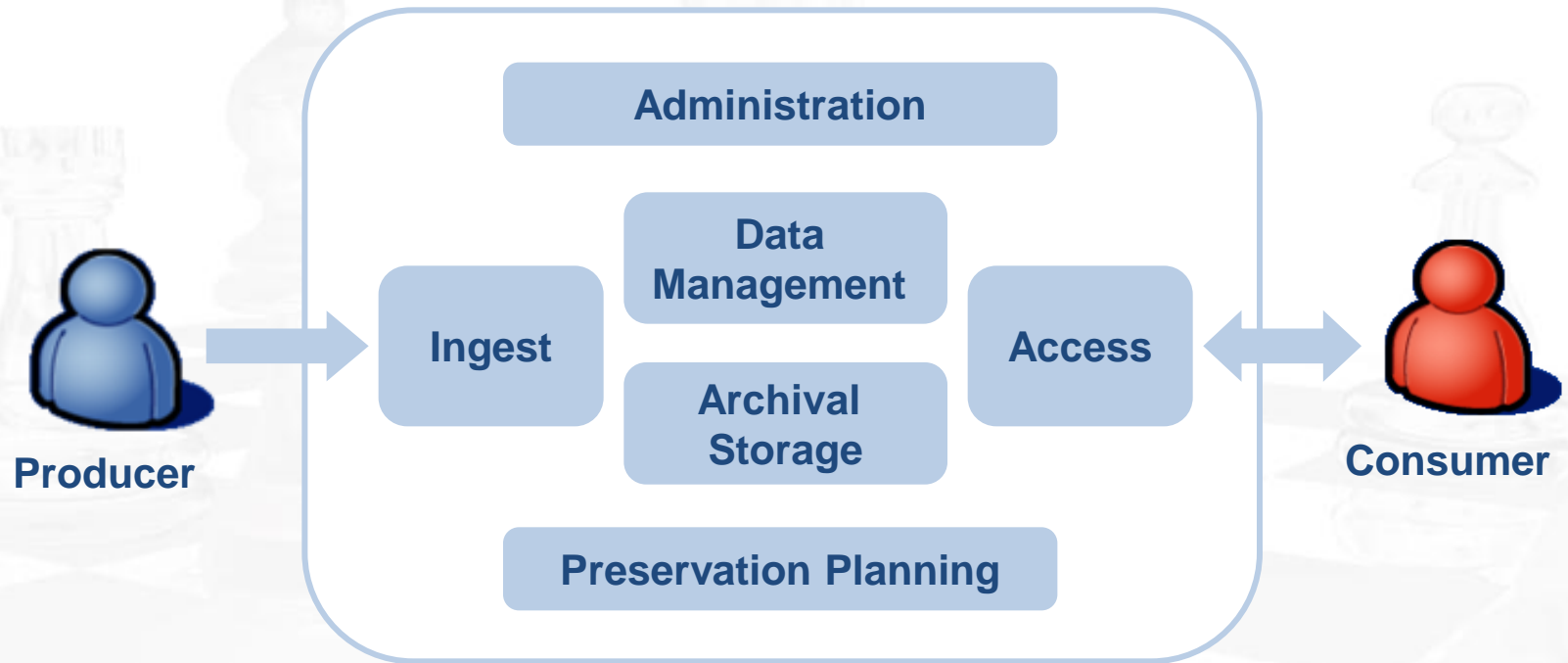
<http://preservica.com/>

<http://www.digital-preservation.com/>



Appendix 1: Preservica screenshots

Preservica functionality



- OAIS compatible, built with Active Preservation from the start
- Proven modular system which offers flexibility and automation
- Highly scalable, vast storage

The importance of Active Preservation

- Content needs to be constantly managed to ensure usability: this is Active Preservation
 - What content have I got?
 - Can users still use it as they would expect?
 - If not, reliably convert to something that can be used
 - Repeat when the new content becomes unusable
- Alternatives
 - Do nothing → increasing risk information becomes difficult or impossible to use
 - Convert to “long term” format e.g. PDF/A → subtle information lost
- Only Active Preservation can ensure content can be used as effectively as possible when required

Getting started on Preservica



Summary

- Digital Information is the lifeblood of your organisation
- Having a digital preservation strategy allows you to:
 - Secure information as a safeguard
 - Maximise information as an asset
- Preservica ensures your Digital Value is secured for the future:
 - Unique “Active Preservation” functionality
 - Built on widely used award winning technology
 - Developed in conjunction with world leaders in digital preservation
 - Delivered via the cloud at economical prices
 - Easy to start, easy to use, easy to preserve

Building an upload package

The screenshot displays the SIP Creator application interface. On the left, the 'SIP Explorer' pane shows a tree structure with '<XIP>', '<Collections>', '<Aggregations>', and '<Deliverable-Units>'. Under '<Deliverable-Units>', there is a 'Romsey' folder containing a 'Manifestation 1' sub-folder, which lists various image files like 'comrades.jpg', 'greenways.jpg', 'Hampshire, Romsey Abbey Font and Na...', 'hursley_hunt.jpg', 'jackolantem-01.jpg', 'middlebrige_1930_2.jpg', 'oldfire_station.jpg', 'old_thatch.jpg', 'pearces_farley_02_54_640.jpg', 'plaza.jpg', 'romsey.jpg', 'romsey21.jpg', 'romsey22.jpg', and 'romsey23.jpg'.

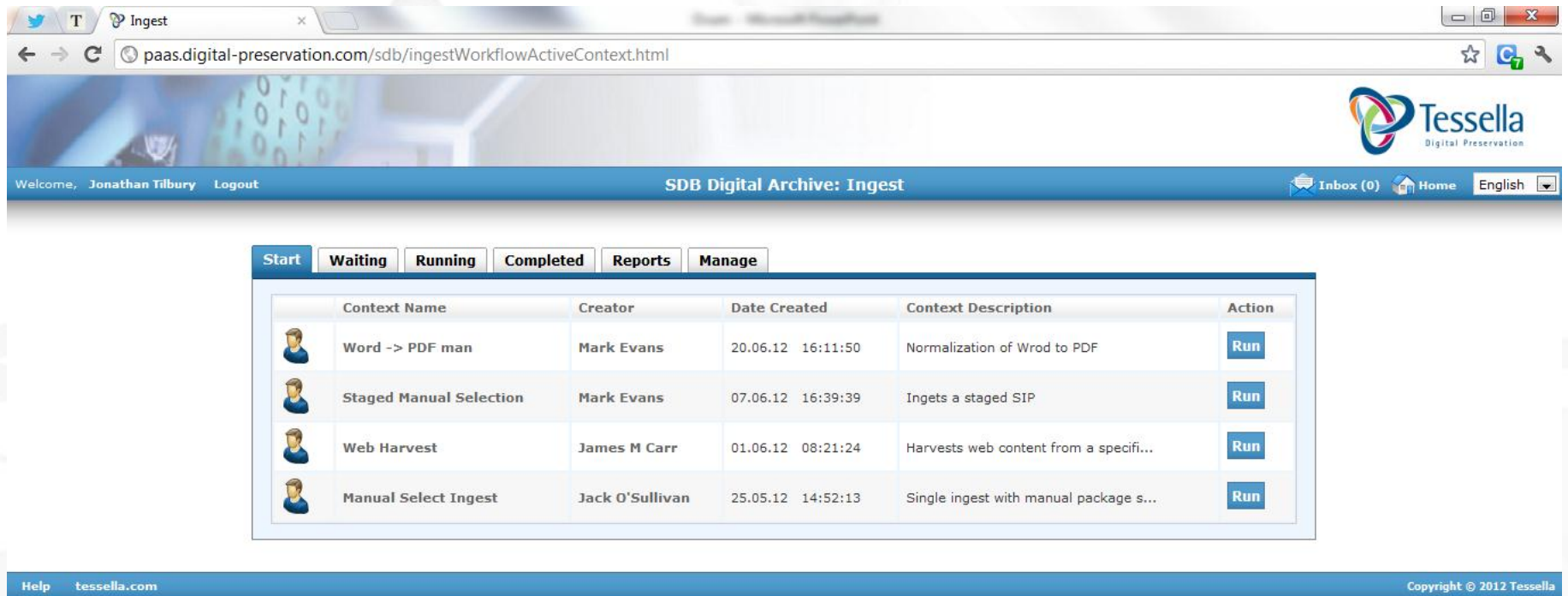
The main area is the 'Create New SIP' dialog. It has a 'Structure' section with 'Files Location' set to 'C:\Users\tij\SDB\Content\Romsey' and a 'Browse...' button. Below this is a checkbox 'Do not create a deliverable unit for the parent folder.' and a 'Structure Type' section with three radio buttons: 'Single Deliverable Unit', 'Represent each folder as a separate deliverable unit' (which is selected), and 'Represent each file and folder as a separate deliverable unit'.

Below the 'Structure' section is the 'Collection Options' section. It has a 'Collection Type' section with a radio button for 'New Collection'. To the right are input fields for 'Collection Title' and 'Collection Code'. Below these are more input fields for 'Collection Title' (containing 'Hampshire County Archives') and a dropdown for 'SDB Collections'. At the bottom right of this section is a 'Create New SIP' button.





At the bottom of the application is the 'SIP Summary' and 'Upload Queue' section. The 'Upload Queue' shows a table with columns: 'Source Location', 'Destination', 'SIP Size', and 'Progress'. The table contains one entry: 'C:\Users\tij\SDB\Content\Romsey' as the source, 'com.tessella.paas.upload' as the destination, and '1 MB - 1 MB' as the size. The progress bar is green and shows '97 %'.

Source Location	Destination	SIP Size	Progress
C:\Users\tij\SDB\Content\Romsey	com.tessella.paas.upload	1 MB - 1 MB	97 %

Workflows



The screenshot shows a web browser window with the URL `paas.digital-preservation.com/sdb/ingestWorkflowActiveContext.html`. The page header includes the Tessella logo and the text "SDB Digital Archive: Ingest". A navigation bar shows "Welcome, Jonathan Tilbury Logout" and "Inbox (0) Home English". Below the navigation bar, there are tabs for "Start", "Waiting", "Running", "Completed", "Reports", and "Manage". The "Start" tab is active, displaying a table of workflows.

	Context Name	Creator	Date Created	Context Description	Action
	Word -> PDF man	Mark Evans	20.06.12 16:11:50	Normalization of Wrod to PDF	Run
	Staged Manual Selection	Mark Evans	07.06.12 16:39:39	Ingets a staged SIP	Run
	Web Harvest	James M Carr	01.06.12 08:21:24	Harvests web content from a specifi...	Run
	Manual Select Ingest	Jack O'Sullivan	25.05.12 14:52:13	Single ingest with manual package s...	Run

At the bottom of the page, there is a footer with "Help tessella.com" and "Copyright © 2012 Tessella".

Ingest

paas.digital-preservation.com/sdb/workflowProgress.html?wkid=208

Welcome, Jonathan Tilbury Logout SDB Digital Archive: Ingest Inbox (0) Home English

Start Waiting Running Completed Reports Manage

Workflow Details

Workflow Context	Manual Select Ingest
Workflow Definition	Ingest Workflow (Manual Selection)
Workflow ID	208
Workflow State	Completed
Date Started	06.07.12 08:29:52
Date Finished	06.07.12 08:31:14
Number of Files	14
Total Size	1 MB
Collection Code	HANTS
Submission name	Hampshire County Archives
Top Level Record	Romsey

Back

Step Progress

State	Name	Progress	Started	Finished	Messages
	Select	<div></div>	06.07.12 08:29:52	06.07.12 08:29:58	
✓	Import from Transfer Area	<div></div>	06.07.12 08:29:58	06.07.12 08:30:02	
✓	Virus Check	<div></div>	06.07.12 08:30:02	06.07.12 08:30:32	
✓	Fixity Check	<div></div>	06.07.12 08:30:32	06.07.12 08:30:35	
✓	Metadata Integrity	<div></div>	06.07.12 08:30:35	06.07.12 08:30:38	
✓	Content Integrity	<div></div>	06.07.12 08:30:38	06.07.12 08:30:41	
✓	Characterise	<div></div>	06.07.12 08:30:41	06.07.12 08:30:50	View
✓	Store Files	<div></div>	06.07.12 08:30:50	06.07.12 08:30:56	
✓	Store Metadata	<div></div>	06.07.12 08:30:56	06.07.12 08:30:59	
✓	Delete from Transfer Area	<div></div>	06.07.12 08:30:59	06.07.12 08:31:02	

Search

The screenshot shows a web browser window with the address bar displaying `paas.digital-preservation.com/explorer/explorer.html#search:q=winchester`. The page header includes the Tesselaa Digital Preservation logo and a welcome message for Jonathan Tilbury. A search bar contains the text "winchester", and below it, it indicates "6 results (0.018 seconds)". To the right of the search bar are buttons for "Add Filter" and "Actions".

On the left side, there are filters for "Only search top level records" (unchecked), "Document type", "File (5)", and "Deliverable Unit (1)".

The search results list includes:


- Winchester** (Winchester)
- winchester_cathedral.pdf** (COMMUNITY: THE PRINCE'S FOUNDATION **WINCHESTER** CATHEDRAL, **WINCHESTER** Cathedral Facilities BACKGROUND)
- Winchester-Cathedral.jpg**
- winchester cathedral 1812.jpg**
- winchester_cathedral_from_east_end1.jpg** (with a "Preview" button)
- 98-06.pdf** (in this class are listed as follows: Bowling Green 7 Somerset 17 **Winchester** 17 and Blasting)

A large preview image of a cathedral is displayed on the right. At the bottom right, there is a pagination control showing "1 of 1" and "1-6 of 6". The footer includes a "Help" link, the website "tesselaa.com", and a copyright notice "Copyright © 2012 Tesselaa".

Explore

SDB Explorer - Romsey

paas.digital-preservation.com/explorer/explorer.html#browse:7&c97ca548-8fb0-40ff-b53f-7cfe923fd9c8&-1



 Tessella
Digital Preservation

Welcome, Jonathan Tilbury Logout

Root > Hampshire County Archives > Romsey

Structure Sync Tree Edit

- Anti-Malaria Project
- eJournals
- Hampshire County Archives
- HK Collection
- Kentucky Department for Libraries and Archives
- Library
- LOC Images
- Music
- Staff Images
- Tessella Photo Collection
- Web Sites

Tools View  


Manifestation Preservation 1 (Active, Original)

comrades.jpg greenways.jpg Hampshire, Ro... hursley_hunt.jpg jackolantem-0... middlebrige_1... oldfire_station....


old_thatch.jpg pearces_farley... plaza.jpg romsey.jpg romsey21.jpg romsey22.jpg romsey23.jpg

☒ Show accrued files ☐ Show children

1 of 1 1-14 of 14



Name: greenways.jpg
File Type: JPEG File Interchange Format
Type: File Size: 61.584 KB Reference: 4a99a3c8-5a0f-4375-ad23-9ea00257f33a




Help tessella.com Copyright © 2012 Tessella

Edit

SDB Explorer - Properties x

paas.digital-preservation.com/explorer/explorer.html#prop:7&c97ca548-8fb0-40ff-b53f-7cfe923fd9c8

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Digital Preservation

Welcome, Jonathan Tilbury Logout Home

Root > Hampshire County Archives > Romsey > Properties

Romsey

Return

Description History Actions

Add Metadata View Metadata

Children

Encoded Archival Description

Delete

EAD Header

AD Identifier	Required
Title Proper of the Finding Aid	Romsey Photo Archives
Descriptive Rules	

Archival Description

Unit Title	
Accumulation	05/07/2012 ▼
Created	Day/Month/Year ▼
Created	

Save Cancel

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Preserve

Define Preservation Plan x SDB Explorer - Properties x

paas.digital-preservation.com/sdb/humanTask/pickFormatsAtRisk.html?uuid=6b0e8809-ff71-43cb-af21-9da7fc644128

Welcome, Jonathan Tilbury Logout

SDB Digital Archive: Preservation

Home English

Preservation Plan Details

Transformation Name	4f2becc5-4688-452a-9d09-025f86488d2f
Description	Test
Date Created	Friday, 6 July 2012 08:41
Number Of File Sets	0
Migration Pathway Role	Extraction
Usage	Test

Exit Terminate

Choose Preservation Plan Type Specified Formats

Please enter the formats at risk

PUID Format	Format Name	Version	Options
fmt/40	Microsoft Word for Windows Document	97-2003	Remove
			Add PUID

Save PUID Selection Find File Sets Affected

Preserve

paas.digital-preservation.com/explorer/explorer.html#browse:7&afafd2a3-0822-4421-b751-81bd669700b2&2

Tessella
Digital Preservation

Welcome, Jonathan Tilbury Logout

Root > Hampshire County Archives > Winchester

Structure Sync Tree Edit


- ▶ Anti-Malaria Project
- ▶ eJournals
- ▶ Hampshire County Archives
- ▶ HK Collection
- ▶ Kentucky Department for Libraries and Archives
- ▶ Library
- ▶ LOC Images
- ▶ Music
- ▶ Staff Images
- ▶ Tessella Photo Collection
- ▶ Web Sites

Tools View


#	Name	Description	Size	Manifestation
	Britton-multi-s.jpg	JPEG File Interchange Format	320.511 KB	Preservation 2 (Active) Preservation 2 (Active) Preservation 1 (Original)
	fr_013.jpg	JPEG File Interchange Format	8.34 KB	File
	r_u_01.jpg	JPEG File Interchange Format	10.405 KB	File
	r_u_04.jpg	JPEG File Interchange Format	8.936 KB	File
	r_u_05.jpg	JPEG File Interchange Format	9.287 KB	File
	Willis-Plan1tombs-s.jpg	JPEG File Interchange Format	192.34 KB	File
	winchester cathedral 1812.jpg	JPEG File Interchange Format	35.52 KB	File
	Winchester-Cathedral.jpg	JPEG File Interchange Format	19.041 KB	File
	winchester.png	Portable Network Graphics	98.5 KB	File
	winchester_cathedral.pdf	Acrobat PDF 1.4 - Portable Document Format	1.576 MB	File
	winchester_cathedral_from_east_end1.jpg	JPEG File Interchange Format	152.784 KB	File

☒ Show accrued files ☐ Show children

1 of 1 1-11 of 11



Name: Britton-multi-s.jpg
File Type: JPEG File Interchange Format
Type: File Size: 320.511 KB Reference: 693dfa41-d854-48e9-a9a2-a20e5659042c



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