

# From DSpace to Digital Commons

A Guide to Migrating your Digital Assets  
-Andrew Harris



# Background

OhioLINK  
**Digital Resource Commons** a treasure trove of unique content from Ohio's Colleges and Universities.

Home Search Browse My Account

DRC Home



Kings of the Air: The Wright Brothers examine the Model R "Baby Grand" flyer. New York, 1910.

Courtesy of Wright State University

Flight Pilgrims Maya Weeklies More

Ohio campuses are treasure troves of knowledge, but valuable resources are often hidden. The award-winning Ohio Digital Resource Commons (DRC) provides a robust, statewide platform for saving, discovering and sharing—free of charge—the instructional, research, historic and creative materials produced by the University System of Ohio and Ohio's private colleges. To find out more, you can read the FAQ, or add your institution to the project by sending us email.

### Members' DRC Sites

- Bowling Green State University
- College and University Disability Access Collaborative
- College of Wooster
- Denison University
- Digital Archive of Literacy Narratives
- GODORT of Ohio
- Kent State University
- Kenyon College
- Marietta College
- Miami University's Scholarly Commons
- Oberlin College
- Ohio State University's Knowledge Bank
- Ohio Wesleyan University
- OhioLINK Music Center
- Southern State Community College
- University of Akron
- University of Cincinnati
- University of Dayton
- University of Toledo
- Wilmington College
- Wright State University's CORE
- Xavier University's Digital Space @ Xavier





But everything wasn't perfect...

Removing wreck from injured men

# DSpace Issues

- ▶ Not flexible in overall design
- ▶ Lacked Social Media/Web 2.0 tools
- ▶ Lack of consistency across instances



# Migration

- ▶ OhioLINK would no longer support Dspace
- ▶ We began planning the migration in late February/ March
- ▶ We researched several alternative platforms





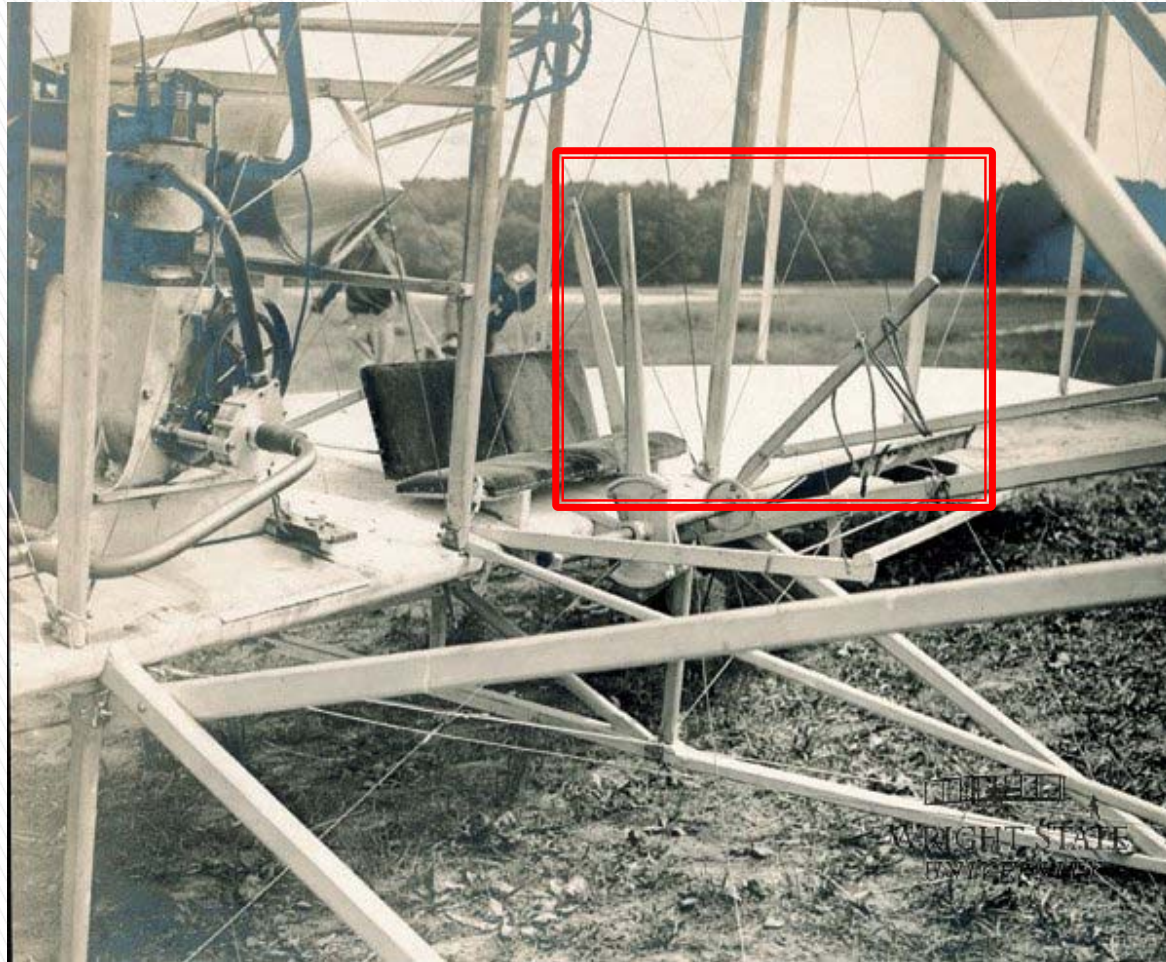
But there was hope...

Spectators cheering at the Harvard-  
Boston Aero Meet, August -  
September, 1911

# Digital Commons

- ▶ We were already using Digital Commons
- ▶ It worked well with published materials
- ▶ Everything would be located in one repository
- ▶ Ease of training faculty/staff/students
- ▶ Ease of recruiting
- ▶ Ease of others understanding goals of IR





## Handles?!

Seats and control levers on Wright  
Model A Flyer



# Handles

- ▶ Persistent URLs
- ▶ Requires a Handle Server to maintain the PURLs
- ▶ Extra expense
- ▶ Eventually chose to abandon the system




# Other Issues


- ▶ Streaming server
- ▶ Planning page structure and design takes time
- ▶ September 30th deadline



Searching *Browse Entire Collection*

Showing 25 out of 33 results. Starting at result 1.

 [My saved searches](#)

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KEYWORD

[Bicycles shop](#) (24)  
[Homes](#) (24)  
[Houses](#) (22)  
[Laboratory](#) (22)  
[Two-story houses](#) (22)

[More ↓](#)

PUBLICATION YEAR

[1942](#) (1)  
[1941](#) (1)  
[1934](#) (2)  
[1915](#) (1)  
[1914](#) (1)

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PUBLICATION

[Browse Entire Collection](#) (33)

PUBLICATION TYPE

[Image Gallery](#) (33)

FILE TYPE


[Image](#) (33)

**[Hawthorn Hill](#)**

Date: 05/1941

Author:

Publication: [Browse Entire Collection](#)


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**[Hawthorn Hill in the snow](#)**

Date: 03/1905

Author:

Publication: [Browse Entire Collection](#)


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**[Hawthorn Hill](#)**

Date: 04/1905

Author:

Publication: [Browse Entire Collection](#)

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**[Hawthorn Hill](#)**

Date: 04/1905

Author:

Publication: [Browse Entire Collection](#)


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**[Early view of Hawthorn Hill](#)**

Date: 10/1915

Author: Ovid Reeder

Publication: [Browse Entire Collection](#)

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**[Hawthorn Hill](#)**

Date: 04/1905

Author:

## Related Links

[Fairfield University](#)  
[DiMenna-Nyselius Library](#)

## Selected Works Sites



Alfred F. Benney

[View Gallery](#)

This video project is ongoing; completed videos will be added regularly and new videos continue to be created.

This video project was conceived, created and produced by Dr. Alfred Benney. Dr. Benney is a Professor of Religious Studies at Fairfield University. He has a Ph.D in Theology from the Hartford Seminary Foundation and teaches courses in Non-Traditional American Religions and Christian Religious Thought. For more information about this video project, contact Dr. Benney at [Benney@fairfield.edu](mailto:Benney@fairfield.edu).

## Browse the *American Scholars of Religion Video Collection*:

[Browse by Scholar](#)

[Browse by Topic](#)

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- [Definition of Religion](#)
- [Feminism/Role of Women](#)
- [God's Existence](#)
- [Immortality and Belief](#)
- [Jesuits](#)
- [Morality/Ethical Principle](#)
- [Problem of Evil](#)
- [Religious Piety](#)
- [Social Justice](#)
- [Special Interests of Scholars](#)
- [Teaching Religion](#)

[Browse Entire Collection](#)

## Wright Brothers Collection

Browse the *Wright Brothers Collection*:

[Browse by Keywords](#)

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- [Early Aircraft and Pilots](#)
- [Early Military](#)
- [European Flights](#)
- [Homes, Bicycle Shop, Laboratory](#)
- [Huffman Prairie \(Simms Station\)](#)
- [Kitty Hawk and Kill Devil Hills, North Carolina](#)
- [Military Air Fields](#)
- [Museums and Memorials](#)
- [National Aviation Organizations](#)
- [Orville Wright and Groups](#)
- [Wind Tunnel and Air Foils](#)
- [Wright Brothers Portraits](#)
- [Wright Company Factory: 1911](#)
- [Wright Company Hydroplanes](#)
- [Wright Friends, Neighbors, and Ten Dayton Boys](#)
- [Wright Motors](#)
- [Wright School of Aviation and Exhibition Team](#)

[Browse the Wright Brothers Collection](#)

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Migration...

Delagrance

# Migration First Steps

- ▶ Performed an audit of records
- ▶ Counted all collections manually
- ▶ Automated Tools?



# Workflow

- ▶ Identify a collection for migration
- ▶ Review file types and necessary metadata fields per collection
- ▶ Generate Dspace spreadsheet
- ▶ Copy and paste information into a Digital Commons spreadsheet
- ▶ Upload





131	2008-09-02T13:34:26; 2008-09-02T13:34:26Z	1909-08-31	#####	1909-08-30-1909-10-15	Made	Orville Wr	AGFA DuoScan T200(18-8-6    1; http://hdl.handle.net/2374.W\$ en	Wri
132	2008-09-02T14:39:54; 2008-09-02T14:39:54; 1909-08-31	1909-08-31	#####	1909-08-30-1909-09-	Made	The Wri	AGFA DuoScan T200(18-10-31    N1039    1 http://hdl.handle.né en	Wri
133	2008-09-02T13:34:31; 2008-09-02T13:34:31; 1910-03-21	1910-03-21	#####	1910-03-26-1910-05-	Made	A blurred	AGFA DuoScan T200(19-5-9    N2257    19-; http://hdl.handle.né en	Wri
134	2008-09-02T14:39:55; 2008-09-02T14:39:55; 1909-02-01	1909-02-01	#####	1909-02-00-1909-03-	Made	Spectator;	AGFA DuoScan T200(18-3-5    N2428    18-; http://hdl.handle.né en	Wri
135	2008-09-02T13:34:33; 2008-09-02T13:34:33Z	1908	#####	1908	Made	Louis Malr	AGFA DuoScan T200(20-10-4    ; http://hdl.handle.net/2374.W\$ en	Wri
136	2008-09-02T14:39:57; 2008-09-02T14:39:57; #####	#####	#####	#####	Made	Standing i	AGFA DuoScan T200(23-13-5    23-13-5 http://hdl.handle.né en	Wri
137	2008-09-02T13:34:35; 2008-09-02T13:34:35; 1908	1908	#####	1908	Made	Humorou:	AGFA DuoScan T200(17-4-31    N3131    17 http://hdl.handle.né fr	Wri
138	2008-09-02T14:40:00; 2008-09-02T14:40:00; 1909-08-31	1909-08-31	#####	1909-08-30-1909-09-	Made	Orville Wr	AGFA DuoScan T200(18-8-29    18-8-29 http://hdl.handle.né en	Wri
139	2008-09-02T13:34:38; 2008-09-02T13:34:38; #####	#####	#####	#####	Made	Orville Wr	AGFA DuoScan T200(23-8-9    23-8-9 http://hdl.handle.né en	Wri
140	2008-09-02T14:40:01; 2008-09-02T14:40:01; 8/4/1944	8/4/1944	#####	8/4/1944	Made	Group phc	AGFA DuoScan T200(24-8-12    24-8-12 http://hdl.handle.né en	Wri
141	2008-09-02T13:34:40; 2008-09-02T13:34:40; #####	#####	#####	#####	Made	Orville Wr	AGFA DuoScan T200(19-1-17    19-1-17    N http://hdl.handle.né en	Wri
142	2008-09-02T14:40:03; 2008-09-02T14:40:03; 1902	1902	#####	1902	Made	Members	AGFA DuoScan T200(N671    15-7-1    15-7-; http://hdl.handle.né en	Wri
143	2008-09-02T13:34:43; 2008-09-02T13:34:43Z	1887	#####	1887	Made	Portrait of	AGFA DuoScan T200(29-4-1    2; http://hdl.handle.net/2374.W\$ en	Wri
144	2008-09-02T14:40:04; 2008-09-02T14:40:04; 1908-09	1908-09	#####	1908-09	Made	Orville Wr	AGFA DuoScan T200(9-9    33-9 http://hdl.handle.né en	Wri
145	2008-09-02T13:34:45; 2008-09-02T13:34:45; #####	#####	#####	#####	Made available in DS	The modif	AGFA DuoScan T200(17-1-6    17-1-6 http://hdl.handle.né en	Wri
146	2008-09-02T14:40:06; 2008-09-02T14:40:06; 9/6/1908	9/6/1908	#####	9/6/1908	Made	Left front	AGFA DuoScan T200(20-10-21    20-10-21 http://hdl.handle.né en	Wri
147	2008-09-02T13:34:47; 2008-09-02T13:34:47Z	1935	#####	1935	Made	View of a	AGFA DuoScan T200(23-6-18    ; http://hdl.handle.net/2374.W\$ en	Wri
148	2008-09-02T14:40:08; 2008-09-02T14:40:08Z	1908-09	#####	1908-09	Made	Spectator;	AGFA DuoScan T200(17-10-955; http://hdl.handle.net/2374.W\$ en	Wri
149	2008-09-02T13:34:49; 2008-09-02T13:34:49Z	1908-09	#####	1908-09	Made	The Wri	AGFA DuoScan T200(11-11    33 http://hdl.handle.net/2374.W\$ en	Wri
150	2008-09-02T14:40:10; 2008-09-02T14:40:10; 1908	1908	#####	1908	Made	Wilbur Wr	AGFA DuoScan T200(17-3-21B    17-3-21b http://hdl.handle.né en	Wri
151	2008-09-02T13:34:52; 2008-09-02T13:34:52; 1908-06-01	1908-06-01	#####	1908-06-1908-08	Made	Wings on	AGFA DuoScan T200(6-15    36-15 http://hdl.handle.né en	Wri
152	2008-09-02T14:40:11; 2008-09-02T14:40:11Z	1909-08-31	#####	1909-08-30-1909-09-18	Made	Spectator;	AGFA DuoScan T200(18-9-60    ; http://hdl.handle.net/2374.W\$ en	Wri
153	2008-09-02T13:34:54; 2008-09-02T13:34:54; #####	#####	#####	#####	Made	Formal grc	AGFA DuoScan T200(21-2-23    N565    21-; http://hdl.handle.né en	Wri
154	2008-09-02T14:40:13; 2008-09-02T14:40:13; 1908-08	1908-08	#####	1908-08	Made	The launc	AGFA DuoScan T200(36-50    15-50 http://hdl.handle.né en	Wri
155	2008-09-02T13:34:58; 2008-09-02T13:34:58; 1909-02	1909-02	#####	1909-02	Made	Orville Wr	AGFA DuoScan T200(18-2-20    18-2-20 http://hdl.handle.né en	Wri

# Our story so far...

- ▶ Completed migration as of December 2013
- ▶ We are working on new collections



Questions?

