



putting the pieces together

bringing archival tradition to an item focused web

“Intellectual control means knowing what the pieces of an archival collection are, where they come from, and how they fit together.”

- James M. O'Toole





putting the pieces together

archival tradition?

"The archives cannot be understood without a knowledge of the Administration which produced them."

- **Sir Hilary Jenkinson** *A Manual of Archival Administration*



"Arrangement not only affects the accessibility of archives; it also affects their evidential values, for archives must be arranged in a manner that will protect their integrity as historical evidence."

- **T. R. Schellenberg** *Modern Archives*



"Restoring the coherence that was originally [in a collection] becomes a critical task."

- **James M. O'Toole** *Understanding Archives and Manuscripts*





putting the pieces together

archivists, physical and digital

how do archivists create this coherence? we:

1. collect meaningful materials within a meaningful focus
2. arrange materials according to provenance and original order
3. research collections and author finding aids

but when we digitize on a large scale we:

1. describe at the item-level
2. use systems that provide item-level access only
3. combine all of our digitized material into one system

why? *because that's how the web has been used...*





putting the pieces together

w. e. b. du bois digitization project

premier collection of w. e. b. du bois material, 170 linear feet

scanning everything, 100,000 individual items

MODS for item-level description

METS for structural metadata

FEDORA repository

Solr for search

Money from the Verizon Foundation and NEH

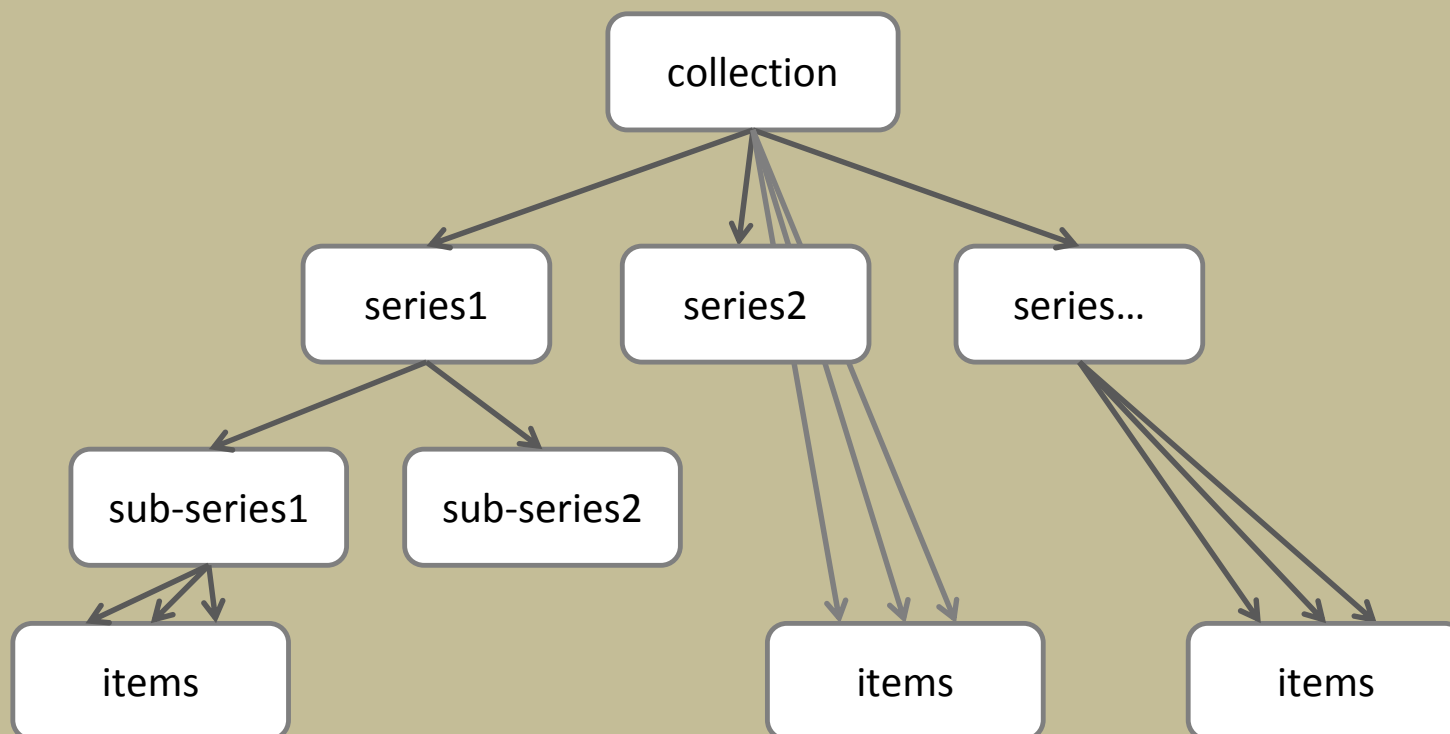




putting the pieces together

our approach

goal: keep the hierarchical relationships from the collection's arrangement intact.





collection view

credo

Special Collections & University Archives

[home](#) | [browse](#) | [about](#)

Advanced search

Collections - W.E.B. Du Bois Papers ▶

Explore Collection

search

view all items ▶

Du Bois, W.E.B. (William Edward Burghardt), 1868-1963 [View finding aid ▶](#)

W.E.B. Du Bois Papers, 1803-1989 (bulk: 1900-1950) 350 boxes (175 linear feet) MS 312

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed aliquam, nibh sed fringilla facilisis, est erat elementum risus, sit amet hendrerit magna ante eu risus. Duis accumsan blandit orci, vitae cort vallis lorem consectetur sit amet. Sed sed quam ligula. Integer quam mi, ultricies vitae consequat non, tristique ac nibh. Fusce et sapien tellus, eget convallis lacus. Duis accumsan blandit orci, vitae convallis lorem consectetur sit amet. Sed teed quam ligula. Integer quam mi, ultricies vitae consequat non, tristique.

Fusce et sapien tellus, eget convallis lacus. Duis accumsan blandit orci, vitae convallis orem consectetur sit aameed sed quam ligula. Integer quami, ultricies vitae consequat non, tristique acnibh. Fusce et sapien tellus, eget convallis lacus. Duis accumsan blandit orci, vitae convallis orem consectetur sitem.



Organization of Collection

Series 1. Correspondence, 1877-1963. 100 boxes (50 linear feet)

Series 2. Speeches, 1920-1960. 2 boxes (1 linear foot)

Subjects

African Americans--History

Social movements--United States--20th century

Contributors

Du Bois, W.E.B. (William Emilio Burdghardt), 1868-1963

Garvey, Marcus

Washington, Booker T.

Genre

Correspondence (letters)

Maps

Language

English.

Location

Special Collections and University Archives, W.E.B. Du Bois Library, UMass Amherst

Information on Use

Use and Reproduction

Copyright is held by Du Bois estate. Ask them.

Restrictions on access

The collection is open for research



Special Collections and University Archives : W.E.B. Du Bois Library: University of Massachusetts Amherst

[Contact us](#)



series view

credo

Special Collections & University Archives

[home](#) | [browse](#) | [about](#)

Advanced search

Collections - W.E.B. Du Bois Papers >

Explore series

search

view all items >

W.E.B. Du Bois Papers >

[View finding aid >](#)

Series 1. Correspondence, 1877-1963

350 boxes (175 linear feet)
MS 312

Background

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Sed aliquam, nibh sed fringilla facilisis, est erat elementum risus, sit amet hendrerit magna ante eu risus. Duis accumsan blandit orci, vitae cort vallis lorem consectetur sit amet. Sed sed quam ligula. Integer quam mi, ultricies vitae consequat non, tristique ac nibh. Fusce et sapien tellus, eget convallis lacus. Duis accumsan blandit orci, vitae convallis lorem consectetur sit amet. Sed teed quam ligula. Integer quam mi, ultricies vitae consequat non, tristique.

Contents

Fusce et sapien tellus, eget convallis lacus. Duis accumsan blandit orci, vitae convallis orem consectetur sit ameed sed quam ligula. Integer quami, ultricies vitae consequat non, tristique acnibh. Fusce et sapien tellus, eget convallis lacus. Duis accumsan blandit orci, vitae convallis orem consectetur sitem.

Subseries

[Subseries 1 a. General correspondence](#)
[Subseries 1 b. Crisis correspondence](#)

Subjects

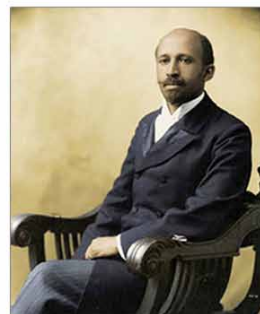
[African Americans--History](#)
[Social movements--United States--20th century](#)

Contributors

Du Bois, W.E.B. (William Emilio Burdghardt), 1868-1963
Garvey, Marcus
Washington, Booker T.

Genre

[Correspondence \(letters\)](#)
[Maps](#)





list view

credo

Special Collections & University Archives

home | browse | about



Advanced search

search results for: Trotter

10 results per page

436 results (displaying results 1-10)

click on a column title to sort by that column

refine your search

Topic

Lorem Ipsum Trotter
 Education Lorem
 African American Lorem
 Niagara Movement Lorem
 Monroe Lorem Ipsum

more

Name

Lorem Ipsum Trotter
 Education Lorem
 African American Lorem
 Niagara Movement Lorem
 Monroe Lorem Ipsum

more

Place

Lorem Ipsum Trotter
 Education Lorem
 African American Lorem
 Niagara Movement Lorem
 Monroe Lorem Ipsum

more

Collection

Lorem Ipsum Trotter
 Education Lorem
 African American Lorem
 Niagara Movement Lorem
 Monroe Lorem Ipsum

more

item	creator	date
 Letter from Monroe Trotter to Booker T. Washington Boston, MA - Raging at Washington's flippant remarks during a lecture on education for African Americans and threatening Washington with bodily injury. (W.E.B. Du Bois Papers)	Trotter, William Monroe, 1872-1934	1903-06-03
 Letter from Monroe Trotter to W.E.B. Du Bois Boston, MA - Informing Du Bois on behalf of the members of the Niagara Movement that perhaps the best approach to confronting Booker T. Washinton's message would be to cause him physical harm. Du Bois notes for response that Trotter is insane. (W.E.B. Du Bois Papers)	Trotter, William Monroe, 1872-1934	1905-08-12
 Letter from Monroe Trotter to W.E.B. Du Bois Boston, MA - Hoping that Du Bois will join him for tea when Du Bois visits Boston. Also reassuring Du Bois that he is recovering quite well from his recent bar fight. (W.E.B. Du Bois Papers)	Trotter, William Monroe, 1872-1934	1903-01-04
 Letter from Monroe Trotter to Booker T. Washington Boston, MA - Raging at Washington's flippant remarks during a lecture on education for African Americans and threatening Washington with bodily injury. (W.E.B. Du Bois Papers)	Trotter, William Monroe, 1872-1934	1903-06-03
 Letter from Monroe Trotter to W.E.B. Du Bois Boston, MA - Informing Du Bois on behalf of the members of the Niagara Movement that perhaps the best approach to confronting Booker T. Washinton's message would be to cause him physical harm. Du Bois notes for response that Trotter is insane. (W.E.B. Du Bois Papers)	Trotter, William Monroe, 1872-1934	1905-08-12
 Letter from Monroe Trotter to W.E.B. Du Bois Boston, MA - Hoping that Du Bois will join him for tea when Du Bois visits Boston. Also reassuring Du Bois that he is recovering quite well from his recent bar fight. (W.E.B. Du Bois Papers)	Trotter, William Monroe, 1872-1934	1903-01-04
 Letter from Monroe Trotter to Booker T. Washington Boston, MA - Raging at Washington's flippant remarks during a lecture on education for African Americans and threatening Washington with bodily injury. (W.E.B. Du Bois Papers)	Trotter, William Monroe, 1872-1934	1903-06-03
 Letter from Monroe Trotter to W.E.B. Du Bois Boston, MA - Informing Du Bois on behalf of the members of the Niagara Movement that perhaps the best approach to confronting Booker T. Washinton's message would be to cause him physical harm. Du Bois notes for response that Trotter is insane. (W.E.B. Du Bois Papers)	Trotter, William Monroe, 1872-1934	1905-08-12
 Letter from Monroe Trotter to W.E.B. Du Bois Boston, MA - Hoping that Du Bois will join him for tea when Du Bois visits Boston. Also reassuring Du Bois that he is recovering quite well from his recent bar fight. (W.E.B. Du Bois Papers)	Trotter, William Monroe, 1872-1934	1903-01-04
 Letter from Monroe Trotter to Booker T. Washington Boston, MA - Raging at Washington's flippant remarks during a lecture on education for African Americans and threatening Washington with bodily injury. (W.E.B. Du Bois Papers)	Trotter, William Monroe, 1872-1934	1903-06-03

Navigation icons: back, forward, search, and page numbers 1 through 20.



Special Collections and University Archives - W.E.B. Du Bois Library - University of Massachusetts Amherst | Contact us

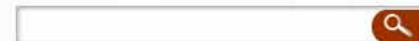


item view

credo

Special Collections & University Archives

home | browse | about



Advanced search

print pdf xml

W.E.B. Du Bois Collection

Trotter, William Monroe, 1870-1932

Letter from Monroe Trotter to W.E.B. Du Bois, 1906 July 15

Informing Du Bois on behalf of the members of the Niagara Movement that perhaps the best approach to confronting Booker T. Washington's message would be to cause him physical harm. Du Bois notes for response that Trotter is insane.

Place:	Boston (Mass.)
Extent:	3p.
Enclosure:	Sketch of a clenched fist
Language:	English
Subjects:	African Americans -- Mental illness -- 20th Century Freedom Struggle--United States
Recipient:	Du Bois, W.E.B. (William Edward Burghardt), 1868-1963 Kong, King, 1925-1932
Contributors:	Niagara Movement NAACP
Genre:	Correspondence
Location:	Special Collections and University Archives, W.E.B. Du Bois Library, University of Massachusetts Amherst MS 312
Rights:	Fees may apply for reproduction
URL:	http://www...etc./number
Identifier:	785699450



Cite as: W.E.B. Du Bois Papers (MS 312). Special Collections and University Archives, W.E.B. Du Bois Library, University of Massachusetts, Amherst



Special Collections and University Archives : W.E.B. Du Bois Library: University of Massachusetts Amherst

Contact us



putting the pieces together

hierarchy with mods?

not so easy...

```
<mods:titleInfo>
  <mods:title>A single item</mods:title>
</mods:titleInfo>

<mods:relatedItem type="host">
  <mods:titleInfo>
    <mods:title>W. E. B. Du Bois Papers</mods:title>
  </mods:titleInfo>
</mods:relatedItem>
```

allowable <relatedItem> types:

preceding	series
succeeding	otherVersion
original	otherFormat
host	isReferencedBy
constituent	





putting the pieces together

hierarchy with mods?

even harder...

```
<mods:titleInfo>
  <mods:title>A single item</mods:title>
</mods:titleInfo>

<mods:relatedItem type="host">
  <mods:titleInfo>
    <mods:title>Series 1A Correspondence</mods:title>
  </mods:titleInfo>
</mods:relatedItem>
```





putting the pieces together

hierarchy with mods?

just plain ridiculous...

```
<mods:titleInfo>
  <mods:title>A single item</mods:title>
</mods:titleInfo>

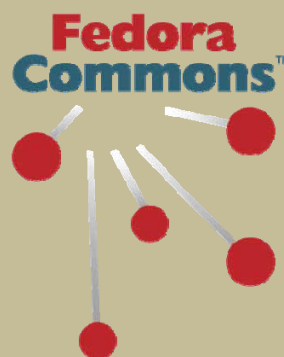
<mods:relatedItem type="host">
  <mods:titleInfo>
    <mods:title>Series 1A Correspondence</mods:title>
  </mods:titleInfo>
  <mods:relatedItem type="host">
    <mods:titleInfo>
      <mods:title>W. E. B. Du Bois Papers</mods:title>
    </mods:titleInfo>
  </mods:relatedItem>
</mods:relatedItem>
```





putting the pieces together

our solution

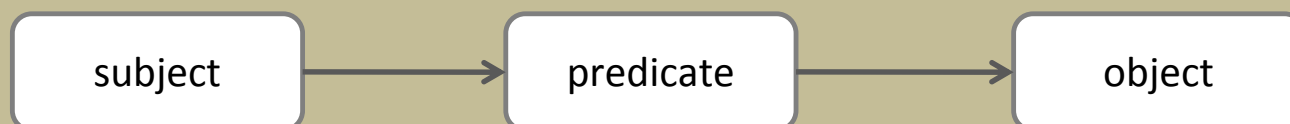




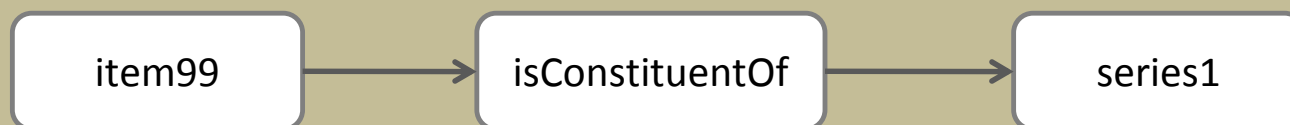
putting the pieces together

what is rdf?

rdf defines relationships using triples:



with fedora's ontology for defining relationships between digital objects:





putting the pieces together

rdf in the fedora wilderness

```
<rdf:RDF

  <rdf:Description rdf:about="info:fedora/credo:coll1">
    <fedora:hasConstituent rdf:resource="info:fedora/credo:series1"/>
    <fedora:hasConstituent rdf:resource="info:fedora/credo:series2"/>
  </rdf:Description>

  <rdf:Description rdf:about="info:fedora/credo:series1">
    <fedora:isConstituentOf rdf:resource="info:fedora/credo:coll1"/>
  </rdf:Description>

  <rdf:Description rdf:about="info:fedora/credo:item99">
    <fedora:isConstituentOf rdf:resource="info:fedora/credo:series1"/>
    <fedora:isMemberOfCollection rdf:resource="info:fedora/credo:coll1"/>
  </rdf:Description>

  <rdf:Description rdf:about="info:fedora/credo:item100">
    <fedora:isConstituentOf rdf:resource="info:fedora/credo:series1"/>
    <fedora:isMemberOfCollection rdf:resource="info:fedora/credo:coll1"/>
  </rdf:Description>

</rdf:RDF>
```





putting the pieces together

does this approach work?

is it usable?

does it usefully leverage archival tradition?

could we do better?





putting the pieces together

could we do better?

explore the potential of the web

collocate and link data¹

take advantage of new technologies

rdf², sparql³, augmented reality⁴

continue to develop archival standards

eac, ead, rda, ???

incorporate existing outside standards

foaf⁵, relationship⁶, event⁷



1. <http://www.w3.org/DesignIssues/LinkedData>
2. <http://www.w3.org/TR/rdf-primer/>
3. <http://www.w3.org/TR/rdf-sparql-query/>
4. http://en.wikipedia.org/wiki/Augmented_reality
5. <http://www.foaf-project.org/>
6. <http://vocab.org/relationship/>
7. <http://motools.sourceforge.net/event/>

