

Addressing Mixed Granularity in Cross- Collection Searching

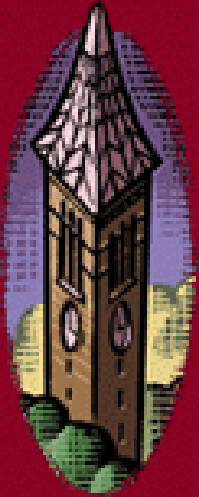
Marty Kurth

Head of Cataloging, Central Technical Services

Sarah Young

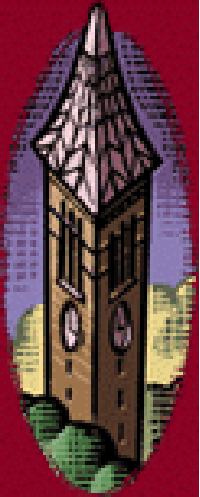
Technical Services and Reference Librarian,
Catherwood Library, School of Industrial and Labor Relations

Cornell University Library



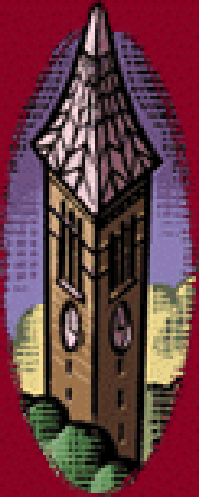
Axes of Heterogeneity

- Subject matter
- **Granularity**
- Resource description
- Penetration
- Format



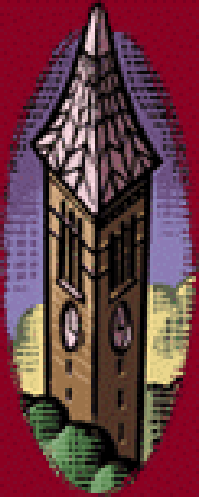
Key System Elements

- Collection and repository structures are distinct
- Object records are largely malleable
- Collection structure offers hierarchy
- Searching/browsing interface has potential as a communications tool

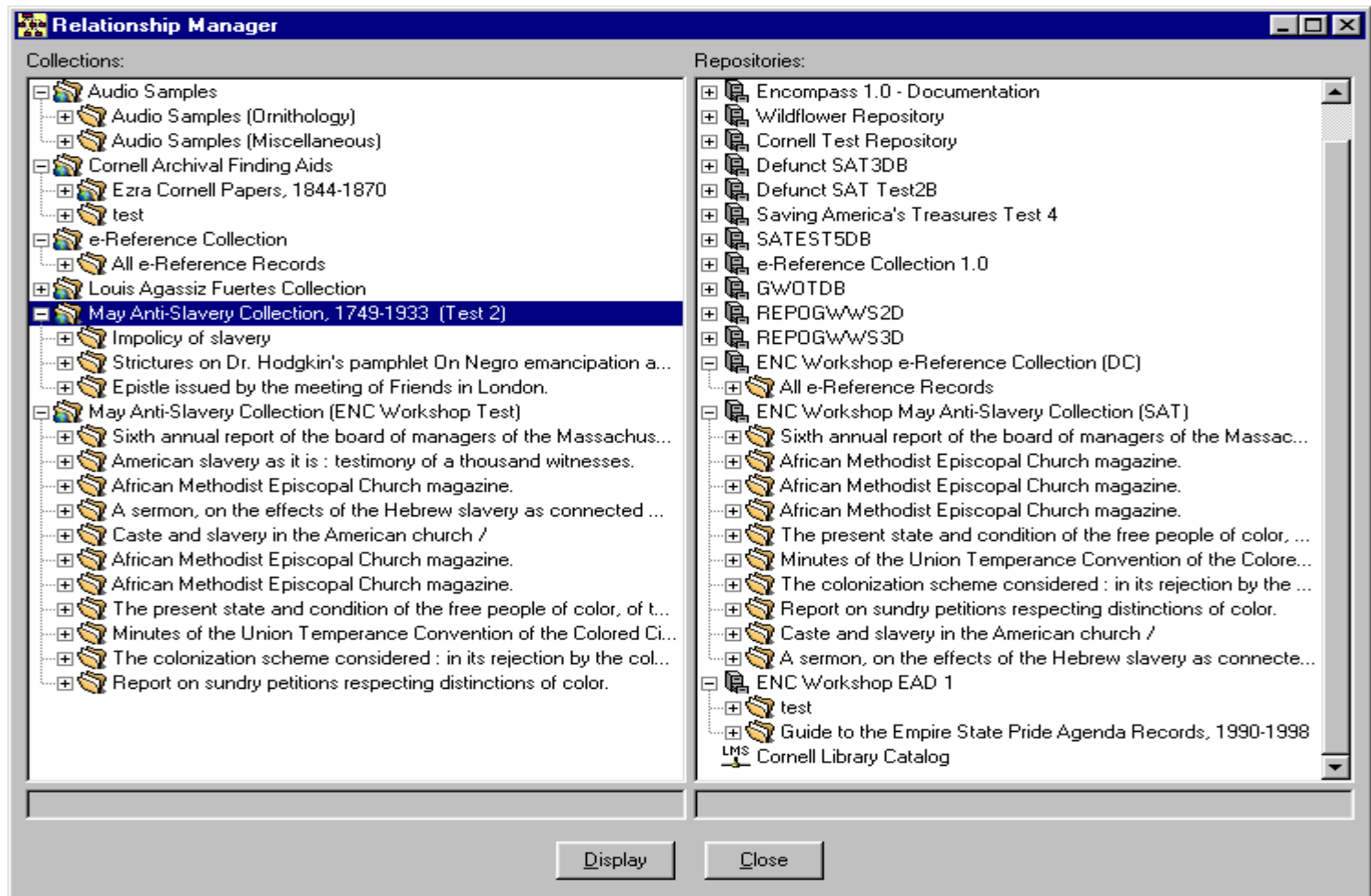


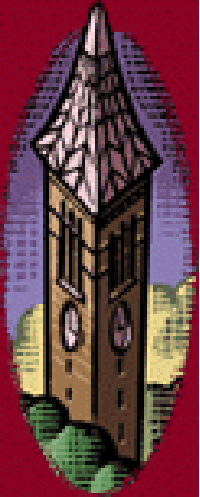
Development Opportunities

- Arrange and (re)present content meaningfully and deliver it
- Shape the DLMS based on actual use by both developer/users and end users




Collection/Repository Structure





Object Record: Pamphlet



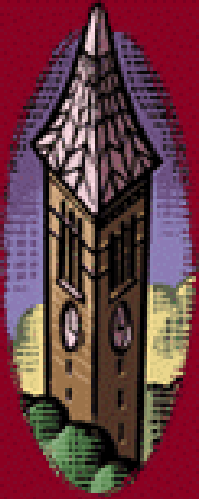
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| View Parents | View Related Items |
|------------------------------|------------------------------------|
| Title | Impolicy of slavery |
| Publisher | E. Smith & Co. printers, Liverpool |
| Place of Publication | [Liverpool, England] |
| Date | [ca. 1825] |
| Extent | 4 p. |
| Keywords | Slavery--West Indies, British. |
| Keywords | Slave labor--West Indies, British. |
| Keywords | Great Britain--Commerce. |
| Keywords | Sugar trade--Great Britain. |
| Extent | 4 |
| ID | 3134774 |

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Object Record: e-Reference



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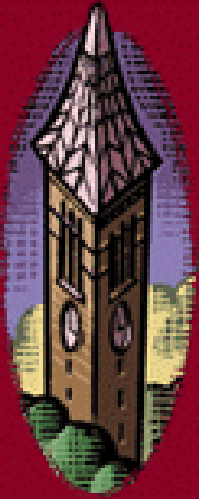
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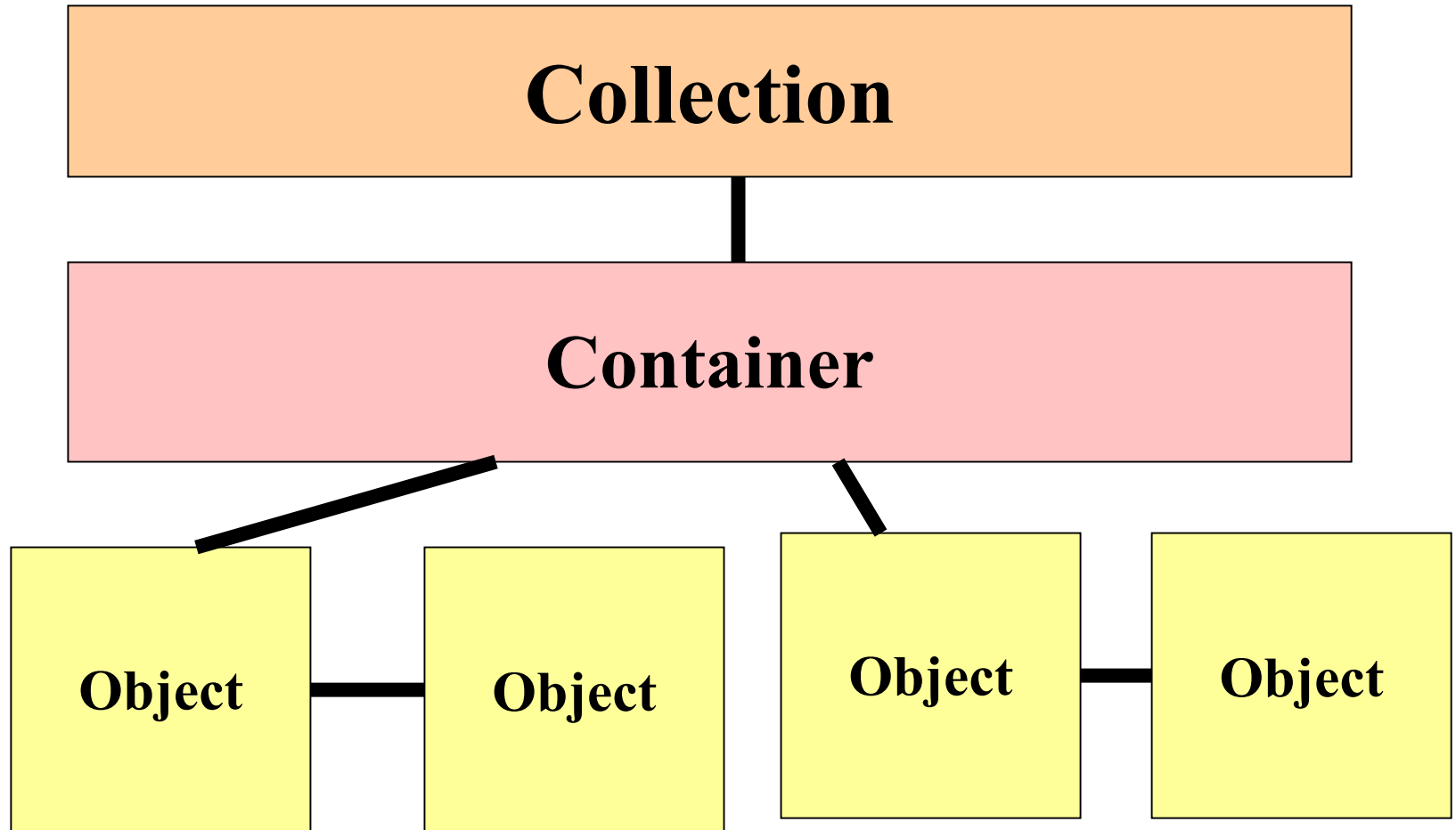
[View Parents](#)

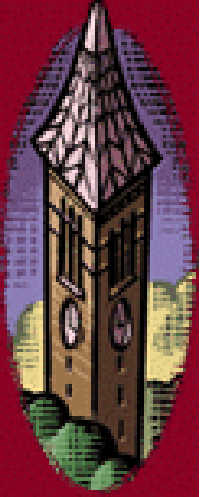
| | |
|--------------------|--|
| Title | The Core Historical Literature of Agriculture. |
| Title | CHLA. |
| Contributor | Albert R. Mann Library |
| Coverage | 1850-1950 |
| Description | The Core Historical Literature of Agriculture is a representative collection of agricultural texts published during the period 1850-1950. Full-text materials cover agricultural economics, agricultural engineering, animal science, crop protection, food science, forestry, human nutrition, rural sociology, and soil science. |
| Description | Unknown |
| Subject | Agriculture. |
| Subject | Materials are available as scanned images of pages and contain visual as well as textual elements. The interface is based on the one developed by the Making of America project, a collaborative project between Cornell University and the University of Michigan. |
| Subject | Agriculture--Agricultural Economics--General |
| Electronic Access: | URL |

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Collection Hierarchy





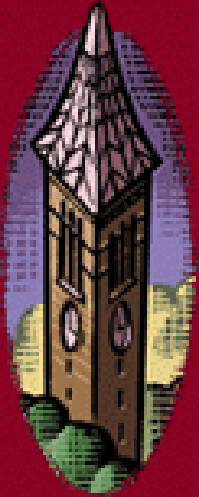
Simla, India (U.S. Army
map series)



Tokyo Prefecture, 1884

Source: Tufte, Edward R., *Envisioning Information*, c1990

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Search

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This collection consists of audio clips.

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[Louis Agassiz Fuertes Collection](#) [Collection] [Browse Contents](#)

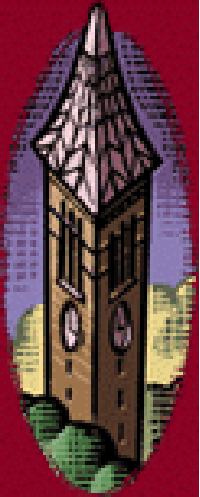
This collection contains the contents of the Louis Agassiz Fuertes Ornithological Collection at Cornell University. The collection is also subdivided into groups of images that reflect specific kinds of birds, photographs and drawings of other animals, and images of plants and trees.

[May Anti-Slavery Collection, 1749-1933 \(Test 2\)](#) [Collection] [Browse Contents](#)

A collection of 10,000 anti-slavery pamphlets from the Samuel J. May Anti-Slavery Pamphlet Collection.

[May Anti-Slavery Collection \(ENC Workshop Test\)](#) [Collection] [Browse Contents](#)

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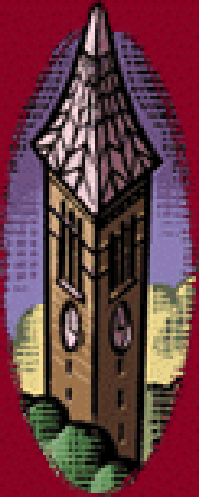


Search Results

1 [11](#) [21](#) [31](#) [41](#) [51](#) ... [331](#)



| | | |
|------|--|---|
| 100% | | Black-throated Green Warblers [Object from Fuertes Bird Repository] <i>Fuertes, Louis Agassiz;1895</i> |
| 100% | | Miscellaneous birds [Container from Fuertes Bird Repository] |
| 100% | | Warblers [Container from Fuertes Bird Repository] <i>Fuertes, Louis Agassiz</i> |
| 90% | | Sparrows [Container from Fuertes Bird Repository] |
| 82% | | Black-throated Green Warbler [Object from Cornell Test Repository] <i>Birdsong: A buzzy "zee zee zee zo-zwee" (audio clip)</i> |
| 81% | | Heron [Container from Fuertes Bird Repository] |
| 70% | | Hummingbirds [Container from Fuertes Bird Repository] <i>Fuertes, Louis Agassiz</i> |
| 64% | | Audio Samples (Ornithology) [Container from Fuertes Bird Repository] |
| 60% | | Causes and consequences of social dominance in wintering white-throated sparrows / Walter H. Piper. [Object from Cornell Library Catalog] <i>Piper, Walter H. ;Cover title. ;1988?]</i> |



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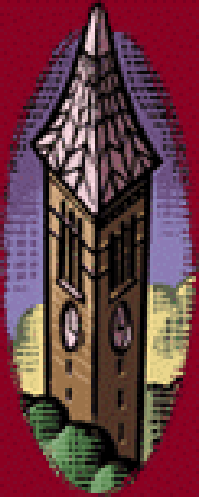
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| Audio Samples (Ornithology) | |
|--|---|
| Evening Grosbeak | [Object] Back to Parent Collection(s) |
| Black-throated Green Warbler | [Object] Back to Parent Collection(s) |
| Red-breasted Nuthatch | [Object] Back to Parent Collection(s) |
| Purple Finch | [Object] Back to Parent Collection(s) |

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Parents of: Evening Grosbeak

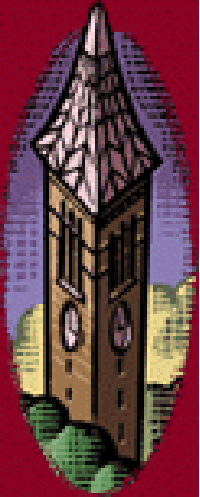
[Audio Samples \(Ornithology\)](#) [\[Container\]](#) [Browse Contents](#) [Back to Parent Collection\(s\)](#)

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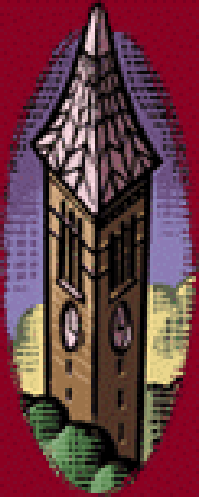
Navigation

Hierarchy

Search versus Browse

Users: casual or sophisticated

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[Louis Agassiz Fuertes Collection](#) [Collection] [Browse Contents](#)

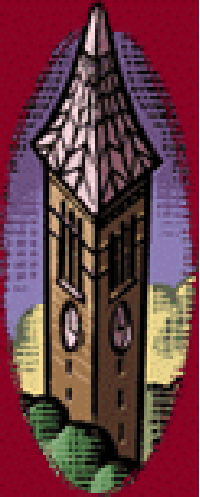
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- Article
- Sound File
- Image
- Archival
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- Click on a checkbox to mark a record to be e-mailed or printed in Marked Records.
- **Refine your search results: 37357** ([Show me how](#))

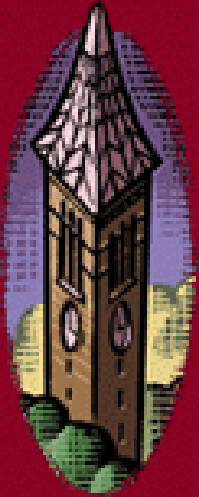
WorldCat results for: kw: labor and kw: history.
Records found: 37357

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 Articles (ArticleFirst)
 Journal Articles (ECO)
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| | | | | | | | | |
|---------------------|--------------------------------|----------------------------------|--------------------------------|------------------------------|--------------------------------|---------------------------------|----------------------------|-----------------------------|
| All 37357 | Books 33461 | Archival 1781 | Visual 1014 | Sound 498 | Serials 476 | Computer 110 | Maps 15 | Scores 2 |
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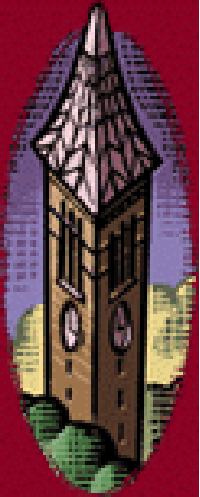
- 21. [Trade union collection, 1900-1964.](#)
Publication: 1900 1964 Document: English : Archival Material Internet Resource Libraries: 1
- 22. [Hollander \(Jacob Harry\) papers, 1895-1940.](#)
Author: Hollander, Jacob Harry, 1871-1940. Publication: 1895 1940 Document: English : Archival Material Internet Resource Libraries: 1
- 23. [\[Oral history interview.\]](#)
Author: Ellis, Frank Alexander, 1888-1976. Publication: 1974 Document: English : Archival Material Internet Resource Libraries: 1
- 24. [Compromised positions
working-class women, popular culture and labor politics, 1890-1920 /](#)
Author: Enstad, Nancy Catherine. Publication: 1993 Document: English : Book/Text : Thesis/dissertation/manuscript : Microform Libraries: 1
- 25. [Il movimento sindacale a Verona /](#)
Author: Zangarini, Maurizio.; Franzina, Emilio, Publication: Verona : Cierre, 1997 Document: Italian : Book/T Libraries: 1
- 26. [Jilin sheng zhi.](#)
Juan 15. Jina yi zona he guan li zhi. Lao dong /



Metadata and Format issues in ENCompass...

Would we be adding another dimension?

Another avenue: File folder metaphor...



Browse Collection

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[Level 1](#)

[Level 2](#)

[Level 3](#)

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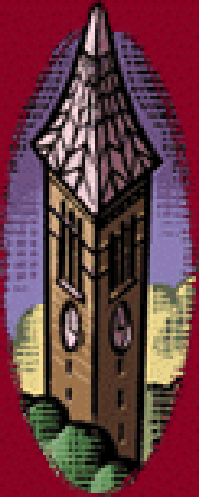
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Next Steps

- Use object displays to convey resource features
- Use expanded XSL functionality to represent object relationships
- Develop a “transparent” vocabulary for representing objects and relationships