# Piloting Next Generation Data Services for Libraries

**John Chapman**

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# Libraries want unique name forms

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Pull together everything written by or about a person
Leave out things by/about people who have similar names

# When names aren't unique any more

| | | |
|---|---|---|
| Chapman, John, $d 1742 or 1743- | 100 | His Sermons preached in the Abbey Church at Bath, 1790 $b (name not given) |
| Chapman, John, $d 1801-1854 | 100 | Journalism $a Railroads |
| Chapman, John, $d 1822-1894 | 100 | NUCMC data from Univ. of Virginia Lib. for Darwin, C. Papers, 1771-1921 $b (Chapman, John, 1822-1894) |
| Chapman, John, $d 1865-1933 | 100 | Matthew, Mark and Luke, 1937: $b t.p. (John Chapman) |
| Chapman, John, $d 1900-1972 | 100 | The Best plays of 1951-1952, 1952: $b t.p. (John Chapman) |
| Chapman, John, $d 1927-2001 | 100 | Drama $a Acting |
| Chapman, John, $d 1929- | 100 | Explore the New Forest, 1987: $b t.p. (John Chapman) p. 118 (on the staff of the Forestry Commission at Lyndhurst) |
| Chapman, John, $d 1935 September 30- | 100 | The place names of Purley on Thames, Berkshire, 1990: $b t.p. (John Chapman) |
| Chapman, John, $d 1935 September 5- | 100 | The asthmatic's action plan, 1991: $b t.p. (John Chapman) |
| Chapman, John, $d 1938- | 100 | His A guide to parliamentary enclosures in Wales, 1992: $b t.p. (John Chapman) jkt. (principal lect. in geography, Univ. of Ports |
| Chapman, John, $d 1939- | 100 | Personnel management, 1983: $b t.p. (John Chapman) |
| Chapman, John, $d 1944- | 100 | His Adult English one, 1978: $b t.p. (John Chapman, La Guardia Community College) CIP data sheet (b. 8-12-44) |
| Chapman, John, $d 1946- | 100 | John Chapman's Lancashire, 2003: $b p.11 (born in Blackburn, Lancashire on 11 Sept. 1946) |
| Chapman, John, $d 1951- | 100 | The changing face of Dalmatia, 1996: $b CIP t.p. (John Chapman) data sheet (John Charles Chapman; b. 01-27-51) |
| Chapman, John, $d 1953- | 100 | Bushwalking in Australia, 1988: $b t.p. (John Chapman) |
| Chapman, John, $d active 1596 | 100 | His A most true report of the myraculous mouing and sinking of a plot of ground, about nine acres, at VVestram in Kent, which moneth. 1596, 1596: $b dedication (Iohn Chapman) |
| Chapman, John, $d active 1684 | 100 | His A sermon preached September 9th, 1683, 1684 $b (John Chapman, M.A. and Minister of Bernard-Castle in the bishoprick |
| Chapman, John, $d active 1772-1777 | 100 | His A map of the county of Essex ... 1777: $b t.p. (John Chapman, Royal Academy, Pall Mall) |

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# How do Authorities compare to Persons?

**Authorities**

1. Usually creators or contributors
2. Only enough detail to differentiate
3. Some mention outside resources for evidence

**WorldCat Persons**

1. Creators, Contributors, Subjects/Topics
2. More "literal data" and context from resources they relate to
3. Links to outside resources for context

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# WorldCat Person Entity Lookup Pilot

- What's the problem?
  - Libraries need a way to **find and identify people** using common identifiers
  - Many identifiers **lack statements about relationships**

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# WorldCat Person Entity Lookup Pilot

- How does it work?
  - Users can find and identify persons with common IDs
  - Users can enter text (for example, a personal name)
  - Information returned includes other IDs, birth/death dates, roles, etc.
- Pilot participants
  - Biblioteka Narodowa (Poland), Cornell, Deutsche Nationalbibliothek (Germany), Harvard, LC, NLM, Stanford, UC Davis, Pepperdine, swissbib, Drexel

# WorldCat Person Entity Lookup Pilot

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## Autocomplete

Using the Search service, take user-entered text input and prompt matching names, with related topics and birth and death dates, in a drop-down list under the user's input. When an entry is selected link to the "Search" Demonstration App.

## Autocomplete/Search Hybrid

Using the Search service, take user-entered text input and prompt matching names and Person Entity URIs with additional Person Entity metadata on a series of tiles. When an entry is selected link to the "Search" Demonstration App.

## Search

Using the Search service, look for exact matches, and with the Person Entity data look for more information from Wikidata and DBPedia, utilizing the Person Entity Lookup "Same As" service to get their related URIs.

Search Terms

janet sm

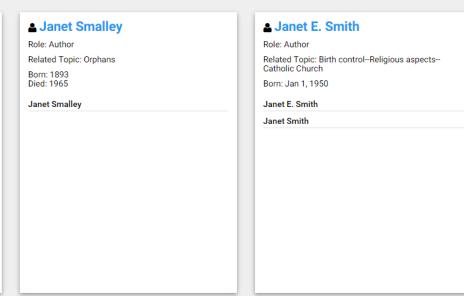Query Type

Default ▾

Preferred Language

English (United States) ▾

👤 **Janet Adam Smith**

Role: Author

Related Topic: Children's p... ...lish

Born: Dec 9, 1905
Died: Sep 11, 1999

Janet Adam Smith

Janet Buchanan Adam Smith

👤 **Janet Smalley**

Role: Author

Related Topic: Orphans

Born: 1893
Died: 1965

Janet Smalley

👤 **Janet E. Smith**

Role: Author

Related Topic: Birth control--Religious aspects--Catholic Church

Born: Jan 1, 1950

Janet E. Smith

Janet Smith

👤 **Pauline Smith**

Role: Author

Related Topic: Literature

Born: Apr 2, 1882
Died: Jan 29, 1959

👤 **Janet Levarie Smarr**

Role: Author

Related Topic: Italian literature

Born: May 20, 1949

👤 **Janet S. Ross**

Role: Author

Related Topic: Human physiology

Born: 1917

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Search Terms

2627076440

Preferred Language

English (United States) ▼

👤 **Janet Adam Smith**

http://worldcat.org/entity/person/id/2627076440

Role: Author

Related Topic: Children's poetry, English

Born: Dec 9, 1905
Died: Sep 11, 1999

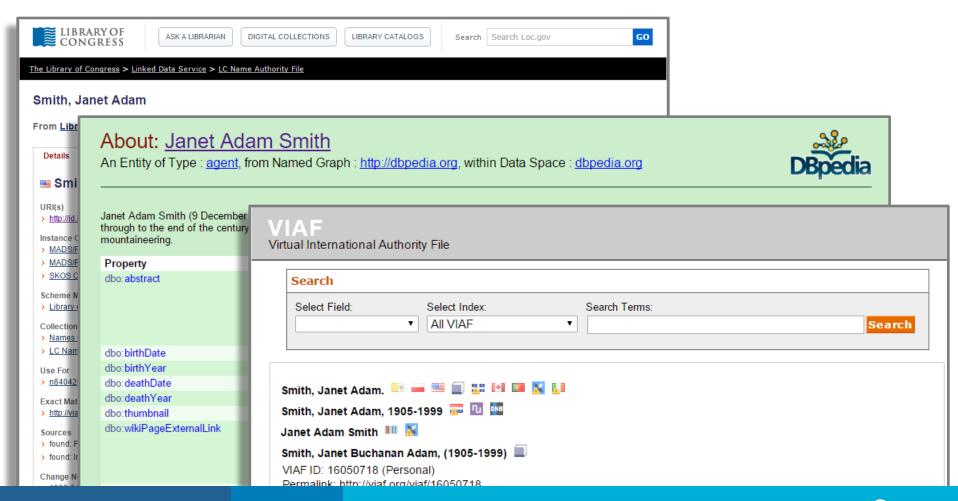Scottish writer, editor and journalist [WikiData]

Janet Adam Smith (9 December 1905 – 11 September 1999) was a writer, editor, literary journalist and champion of Scottish literature. She was active from the 1930s through to the end of the century and noted for her elegant prose, her penetrating judgement, her independence of mind – and her deep love of mountains and mountaineering. Leonard Miall wrote: "Biographer, mountaineer, critic, literary editor, textual scholar, comic versifier, visiting professor, hostess, anthologist, traveller – there seemed to be nothing at which Janet Adam Smith did not shine. And she shone with an intensity that made others glow in response." [DBPedia]

[Image Source]

## Smith, Janet Adam

From Libr

**Details**

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## About: Janet Adam Smith

An Entity of Type : agent, from Named Graph : http://dbpedia.org, within Data Space : dbpedia.org

DBpedia

Janet Adam Smith (9 December
through to the end of the century
mountaineering.

| Property |
| --- |
| dbo:abstract |
| |
| |
| |
| |
| dbo:birthDate |
| dbo:birthYear |
| dbo:deathDate |
| dbo:deathYear |
| dbo:thumbnail |
| dbo:wikiPageExternalLink |

## VIAF
### Virtual International Authority File

**Search**

Select Field:        Select Index:        Search Terms:
[                ▼]   [All VIAF        ▼]   [                ]   Search

**Smith, Janet Adam.**

**Smith, Janet Adam, 1905-1999**

**Janet Adam Smith**

**Smith, Janet Buchanan Adam, (1905-1999)**

VIAF ID: 16050718 (Personal)

Permalink: http://viaf.org/viaf/16050718

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# What have we learned so far?

- Opens new potential for authority control and who performs it

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- Opens new potential for authority control and who performs it
- Needs for describing people outside the traditional library box
- One-by-one is good for maintenance, but not for conversion
- Emphasizes making connections instead of constructing forms
- Inspires new thinking for end-user applications

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# Aggregating information about people

## 👤 Francisco Goya

http://worldcat.org/entity/person/id/2636494134

Role: Author

Related Topic: Artists

Born: Mar 30, 1746
Died: Apr 16, 1828

Spanish painter and printmaker (1746–1828) [WikiData]

Francisco José de Goya y Lucientes (/ˈɡɔɪə/; Spanish: [franˈθisko xoˈse ðe ˈɣoˌja i luˈθjentes]; 30 March 1746 – 16 April 1828) was a Spanish romantic painter and printmaker regarded both as the last of the Old Masters and the first of the moderns. Goya was court painter to the Spanish Crown; throughout the Peninsular War he remained in Madrid, where he painted the portrait of Joseph Bonaparte, pretender to the Spanish throne, and documented the war in the masterpiece of studied ambiguity known as the Desastres de la Guerra. Through his works he was both a commentator on and chronicler of his era. The subversive imaginative element in his art, as well as his bold handling of paint, provided a model for the work of artists of later generations, notably Édouard Manet, Pablo Picasso and Francis Bacon. [DBPedia]

[Image Source]

### ☰ Alternate Names

Франсиско Гойя

Ֆրանսիսկո Գոյա

Francisco José de Goya y Lucientes

Franciscus a Goya et Lucientes

### ☑ Same As Relationships

http://d-nb.info/gnd/118541064

http://id.worldcat.org/fast/29789

http://www.idref.fr/027323765/id

http://data.bnf.fr/ark:/12148/cb11

### 👤+ Family Relationships

**Father:**
José Benito de Goya y Franque

**Mother:**
Gracia de Lucientes y Salvador

**Spouse:**

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[Image Source]

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# Next steps

- Report on pilot
- Planning for putting service into production
- Enhancing content and indexing
- Piloting approaches to cataloger input to entities

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# Questions?

**John Chapman**

Product Manager, Metadata Services
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chapmanj@oclc.org

Because
what is
known must
be shared.<sup>SM</sup>

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