

Creating linked data converts Syncretism in the cataloging department

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Overview

Cross-campus partnership between Penn State's Cataloging & Metadata Department and The Association of Religion Data Archives

About The ARDA:

- Funded by Lilly Endowment, Templeton Foundation, Penn State, and Chapman University
- 21 years of religion datasets (now over 1000)
- .ASP website powered by database
- Tech expertise

An Unusual Ask

The Ask:

- 1001 MARC Records

The Goal:

- Discoverable in Worldcat
- Discoverable in library catalogs
- Inspired by ICPSR

An Opportunity

- “Yes, and...”
 - If we hadn’t had scripting capacity, we might’ve proposed just Schema
 - If *they* hadn’t had scripting capacity, we might’ve proposed just MARC
- Consultant vs. maintainer
- Augmenting systems outside the library

Data Review

Challenges:

- 20 years of data
- 20 years of USER-provided data

Process:

- Minimum shared fields
- Data cleanup
- Uncontrolled fields

Sample Data

Dataset funded by

the Institute for Policy Research and Catholic Studies at the Catholic University of America

the Luger Family Foundation

National Catholic Reporter

the Donegal Foundation

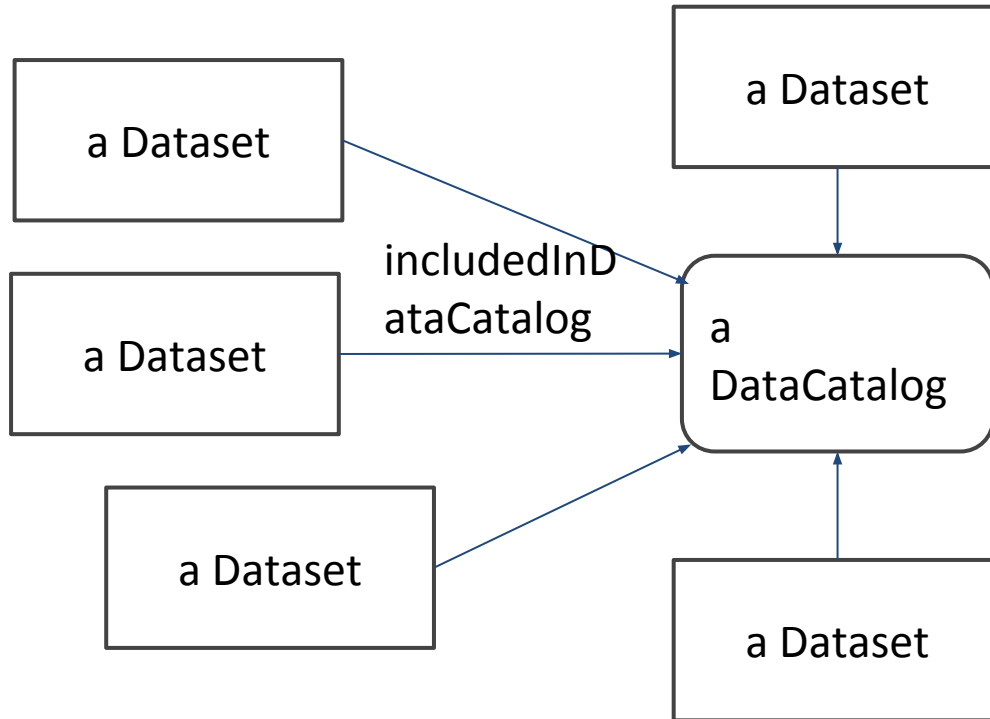
the Rotondaro Family Foundation

An anonymous Catholic foundation

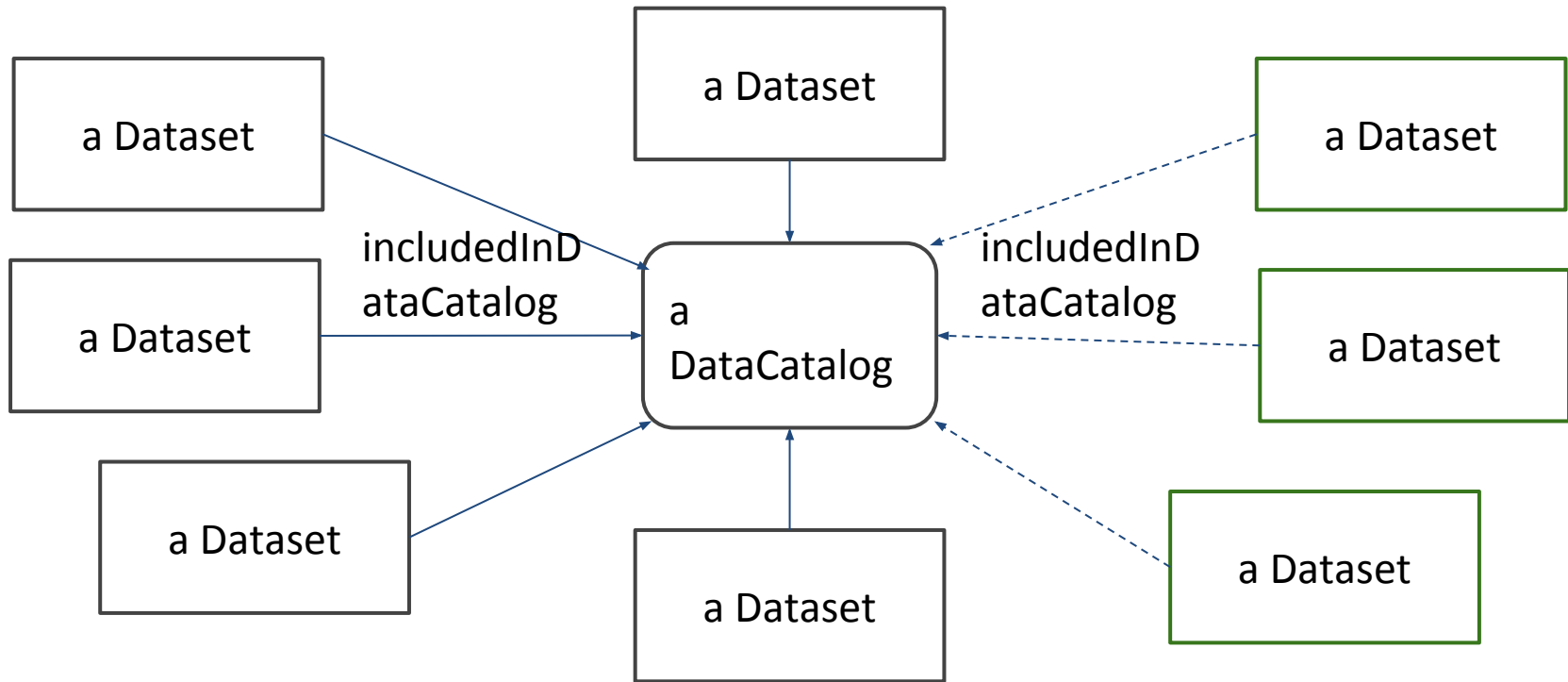
the Rudolf Family Foundation



DataCatalog Model



DataCatalog Model



DataCatalog Record

"@context" : "http://schema.org",

"@id" : "http://www.thearda.com/Archive/browse.asp",

"@type" : "DataCatalog",

"name" : "The Association of Religion Data Archives - Surveys",

"alternateName" : ["TheARDA Data Archive", "The ARDA Data Archive", "The ARDA"],

"description" : "...",

DataCatalog Record

```
"creator" : {  
  "@type" : "Organization",  
  "@id" : "http://www.thearda.com/",  
  "name" : "The Association of Religion Data Archives"  
},
```

DataCatalog Record

```
"funder" : [  
  {  
    "@type" : "Organization",  
    "@id" : "http://lillyendowment.org/",  
    "name" : "Lilly Endowment Inc"  
  }, ...  
]
```

DataCatalog Record

```
"about" :[  
  ...,  
  {  
    "@id" : "http://id.loc.gov/authorities/subjects/sh85124003",  
    "name" : "social science surveys"  
  }, ...  
]
```

DataCatalog Profile

“@context” - schema

“@id” - data catalog URL

“@type” - DataCatalog

“name” - official name

“alternateName” - array of alternate names

“creator” - the center as:

@type, @id, name

“description” - a description of the overall project

“funder” - list of funders as:

@type, @id, name

“about” - subjects as:

@id, name

Single Item Record

"@context" : "http://schema.org",

"@id" :

"http://www.thearda.com/archive/files/descriptions/CMS90ST.asp",

"@type" : "Dataset",

"identifier" : "CMS90ST",

"name" : "Churches and Church Membership in the United States, 1990 (States)",

"includedInDataCatalog" :

<http://www.thearda.com/Archive/browse.asp>",

Single Item Record

```
"provider" : {  
  "@type" : "Organization",  
  "@id" : "http://www.thearda.com/",  
  "name" : "The Association of Religion Data Archives"  
},
```

Single Item Record

```
"creator" : [
```

```
  { "name" : "Association of Statisticians of American Religious  
Bodies" },
```

```
  { "name" : "The Lilly Endowment, Inc." }
```

```
],
```

```
"funder" : [
```

```
  { "name" : "The Lilly Endowment, Inc." }
```

```
],
```


Single Item Record

"description": "This data set contains statistics by state for 133 Judeo-Christian church bodies, providing information on the number of churches and members. It is not known exactly what percent of total Judeo-Christian adherents this actually represents. When compared to the Yearbook of American and Canadian Churches: 1990, this study accounts for 23 percent more communicant members. Please note that this data set may not be sold in any form, including as an addition to proprietary software, without the permission of the copyright holder. Churches and Church Membership in the United States, 1990 is published by the Glenmary Research Center, P.O. Box 507, Mars Hill, NC 28754, (828) 689-5355."

Single Item Record

```
"about" : [  
  { "name" : "Congregations" },  
  { "name" : "Adherents" },  
  { "name" : "Denominations" },  
  { "name" : "States" }  
],
```

Single Record Profile

“@context” - schema

“@id” - dataset main page URL

“@type” - Dataset

“identifier” - the ARDA identifier

“name” - title from record

“includedInDataCatalog” - ARDA URL

“provider” - the ARDA as:

@type, @id, name

creator - array of names as free-text

description - from project page

funder - array of names as free-text

about - array of free-text keywords as names

The Payoff



Mennonite Church Member Profile, 1989



Dataset created 1989

Dataset provided by

[Association of Religion Data Archives](http://www.thearda.com)

Description

'The objectives of the survey were to obtain a profile of the religious beliefs, attitudes, and practices of members of the Mennonite Church in 1989. The survey also sought to identify trends in these areas that would provide clues regarding the impact of modernization on Mennonite life and thought. Modernization involved increases in secularism, individualism, and materialism.' (Kauffman and Driedger, 1991).

The Payoff

- Experience
- Better understanding of our work
- Demonstrable effects and goodwill on campus
- Possible reusability - large or small scale