

**Christel Hengel**

# **The Virtual International Authority File**

# 1. The Vision

1. The underlying model
2. Authority data
3. The Virtual International Authority File

# 2. The VIAF project 2003 – 2007

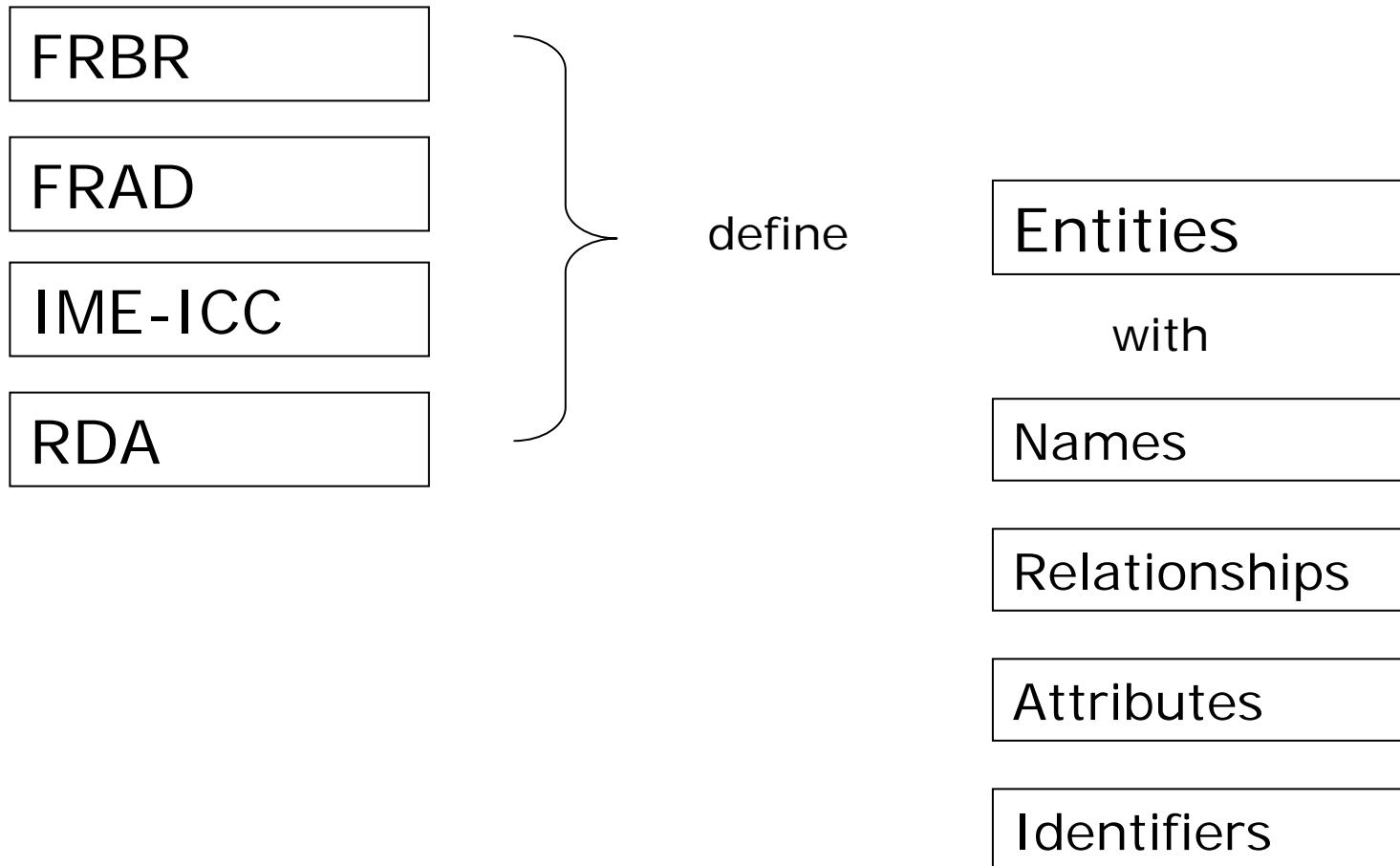
# 3. Expanding the VIAF

1. BnF new VIAF partner
2. Focus on named entities
3. Expanding the VIAF for persons
4. VIAF for places
5. Adding other authority files

# 4. Challenges

1. Using the VIAF
2. Enhancing the VIAF

# Models and Rules for the Library Universe



# The entities

Work

Person

Concept

Expression

Corporate body

Object

Manifestation

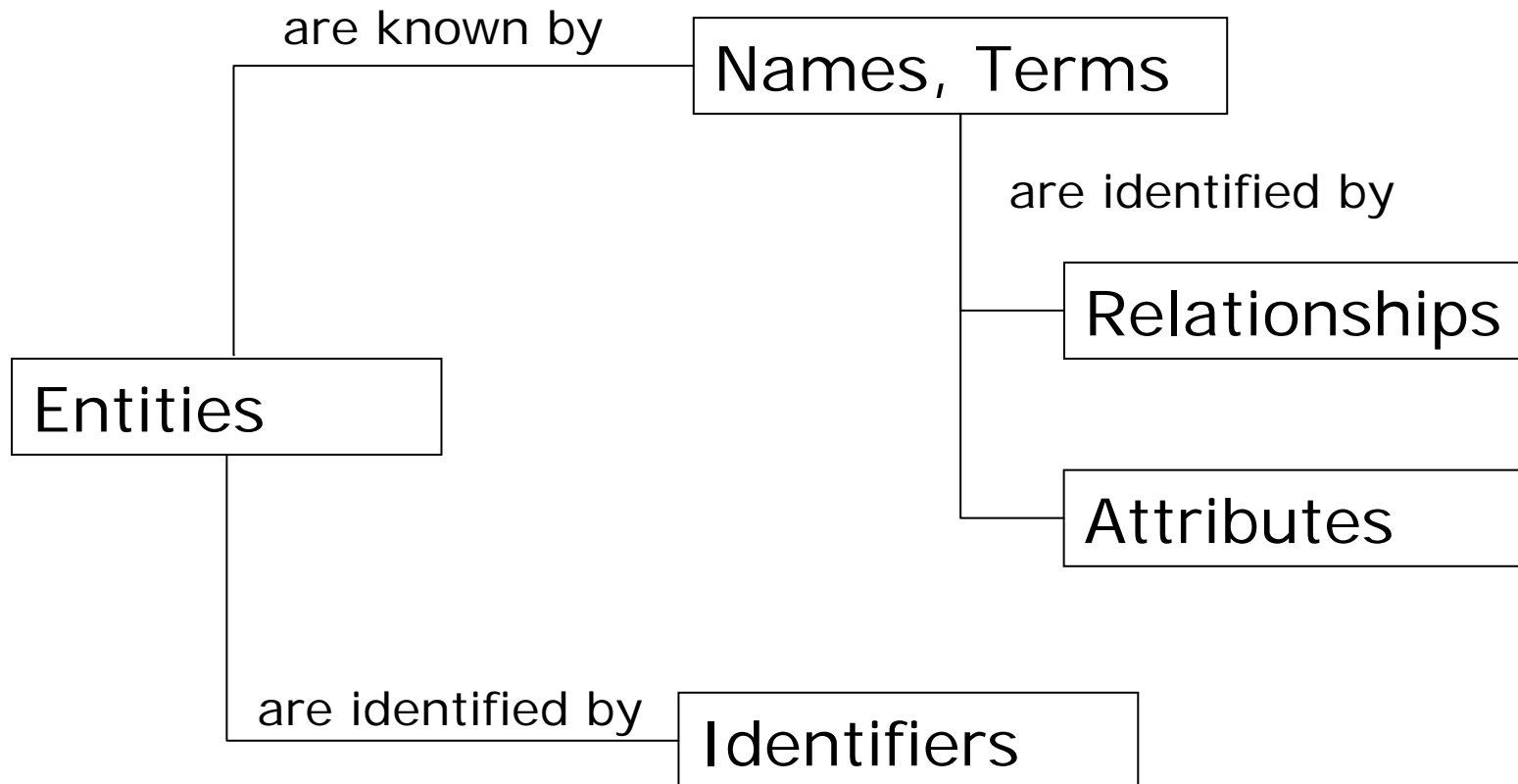
Family

Event/Time

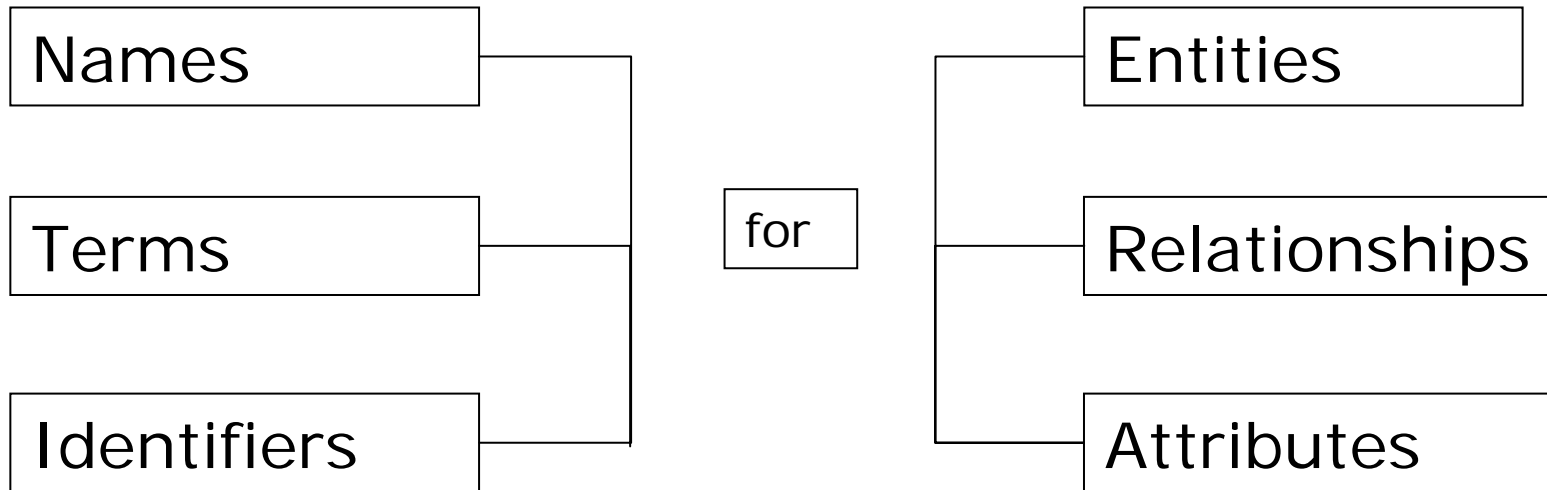
Item

Place

# Representation of Entities



# Authority data



# Authority Records

Authority Records May Include:

The Identifier for the Represented Entity

Preferred Form of Name

Identifier for Name

Variant Forms of Names

Identifiers for Names

Preferred Names for Related Entities

Identifiers for Entities

Names, Terms for Attributes

Identifiers for Attributes

# No common international vocabulary

LCNAF

Lessing, Doris May

se

Doris Lessing

ar

دوريس ليسينغ

nl

Doris Lessing

fi

Doris Lessing

cz

Doris Lessingová

cn

多麗絲·萊辛

jp

ドリス・レッシング

ru

Дорис Лессинг

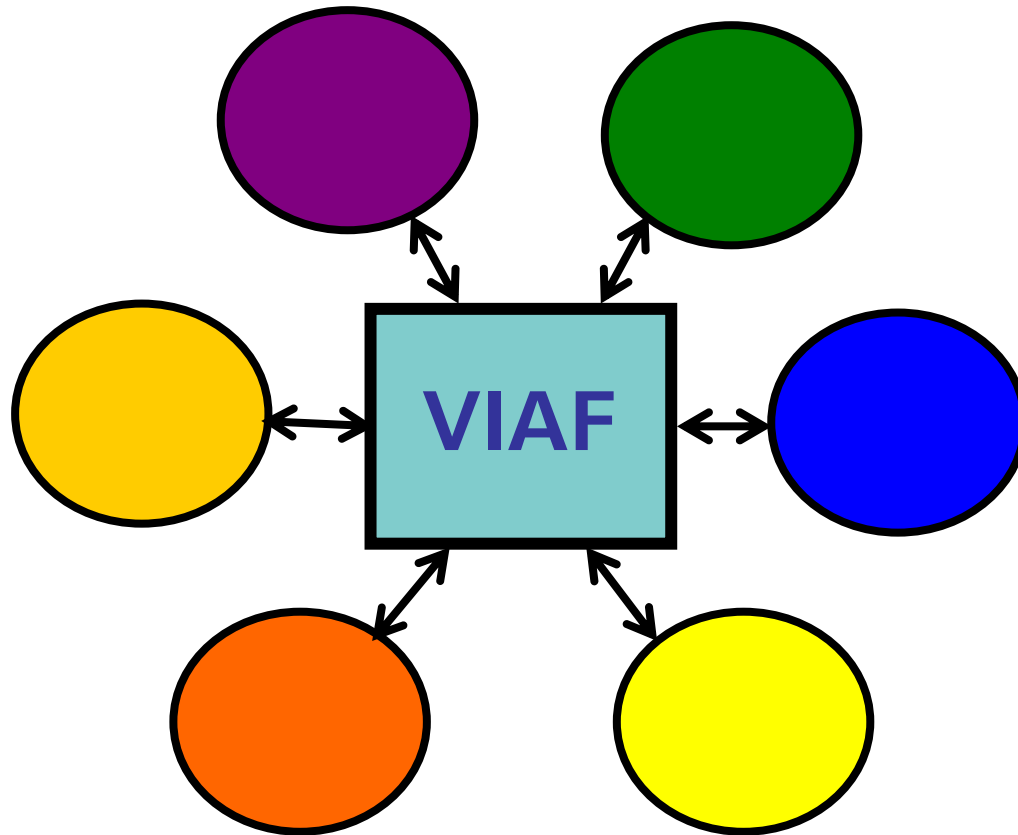
PND

Lessing, Doris





# The Vision: A Virtual International Authority File



# The VIAF Project 2003 - 2007



German National  
Library

OCLC

Library of  
Congress

**Proof of Concept  
Initial VIAF Prototype**

# Match and Merge



PND: 118572113

Lessing, Doris

5491919-

400 Lessing, Doris M.

400 Lessingk, Ntoris

400 Somers, Jane [Pseud.]

043 XA-GB; XB-IR; XC-ZW

680 Brit. Schriftst., geboren im  
Iran, aufgew.in Rhodesien,  
Literaturnobelpreis 2007

=

LCNAF: n79041772

Lessing, Doris May,  
1919-

400 Lessing, Doris,  
1919-

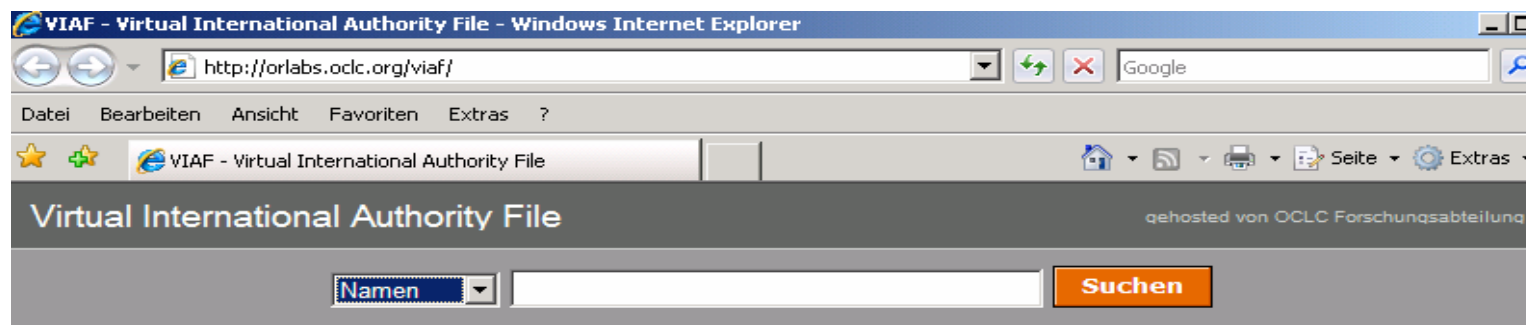
500 Somers, Jane,  
1919-

670 Her The grass is  
singing, 1950

# Additional VIAF Elements and Tags

<b>901 isbn (020\$a)</b>	<b>942 NATC (050 \$a)</b>
<b>902 issn (022\$a)</b>	<b>943 date of publication (dates 1 &amp; 2)</b>
<b>903 lccn (010\$a)</b>	<b>944 recType + bibLvl</b>
<b>910 title from bib (or \$t in an auth record)</b>	<b>945 occupation code</b>
<b>911 title from 242 or 246</b>	<b>950 joint personal author</b>
<b>919 title from 670</b>	<b>951 joint corporate author (110 710)</b>
<b>920 publisher id (020\$a)</b>	<b>955 Personal name added entry</b> 100 & 700's from records with this name as a subject
<b>921 publisher (260\$b, 533\$c)</b>	<b>960 Personal name subjects</b> From 600's, if they don't match main author
<b>922 country of publication)</b>	<b>969 Subject</b>
<b>930 alternate form of author's name</b> From the 245\$c	<b>998 Authority link</b>
<b>940 language (041 \$a or 008)</b>	<b>999 Bibliographic record link</b>
<b>941 Relator code</b>	<i>Last modified: Thu Sep 13 10:31:02 Eastern Daylight Time 2007</i>

# <http://viaf.org/>



## **VIAF: The Virtual International Authority File (Virtuelle internationale Normdatei)**

VIAF ist ein Gemeinschafts-Projekt der [Library of Congress](#) (LC), der [Deutschen Nationalbibliothek](#) (DNB), der [Bibliothèque nationale de France](#) (BNF) und des [Online Computer Library Centers](#) (OCLC). Im Projekt werden die Normdateien der beteiligten Bibliotheken maschinell abgeglichen und untereinander verlinkt.

Im Suchfenster auf dieser Seite können Sie im VIAF-Prototyp recherchieren, in dem die Personennormdaten und die zugehörigen Titeldaten der LC und der DNB enthalten sind. Zusammengehörige Personensätze werden verlinkt (über MARC-998-Felder) dargestellt.

Weitere Informationen finden Sie auf der Seite [OCLC Research VIAF Project](#).

# New VIAF Partner, October 2007: Bibliothèque nationale de France



The Library of Congress, the Bibliothèque nationale de France, the Deutsche Nationalbibliothek and OCLC have signed a memorandum of understanding to extend and enhance the Virtual International Authority File (VIAF).

# VIAF for Named Entities

Work

Person

Concept

Expression

Corporate body

Object

Manifestation

Family

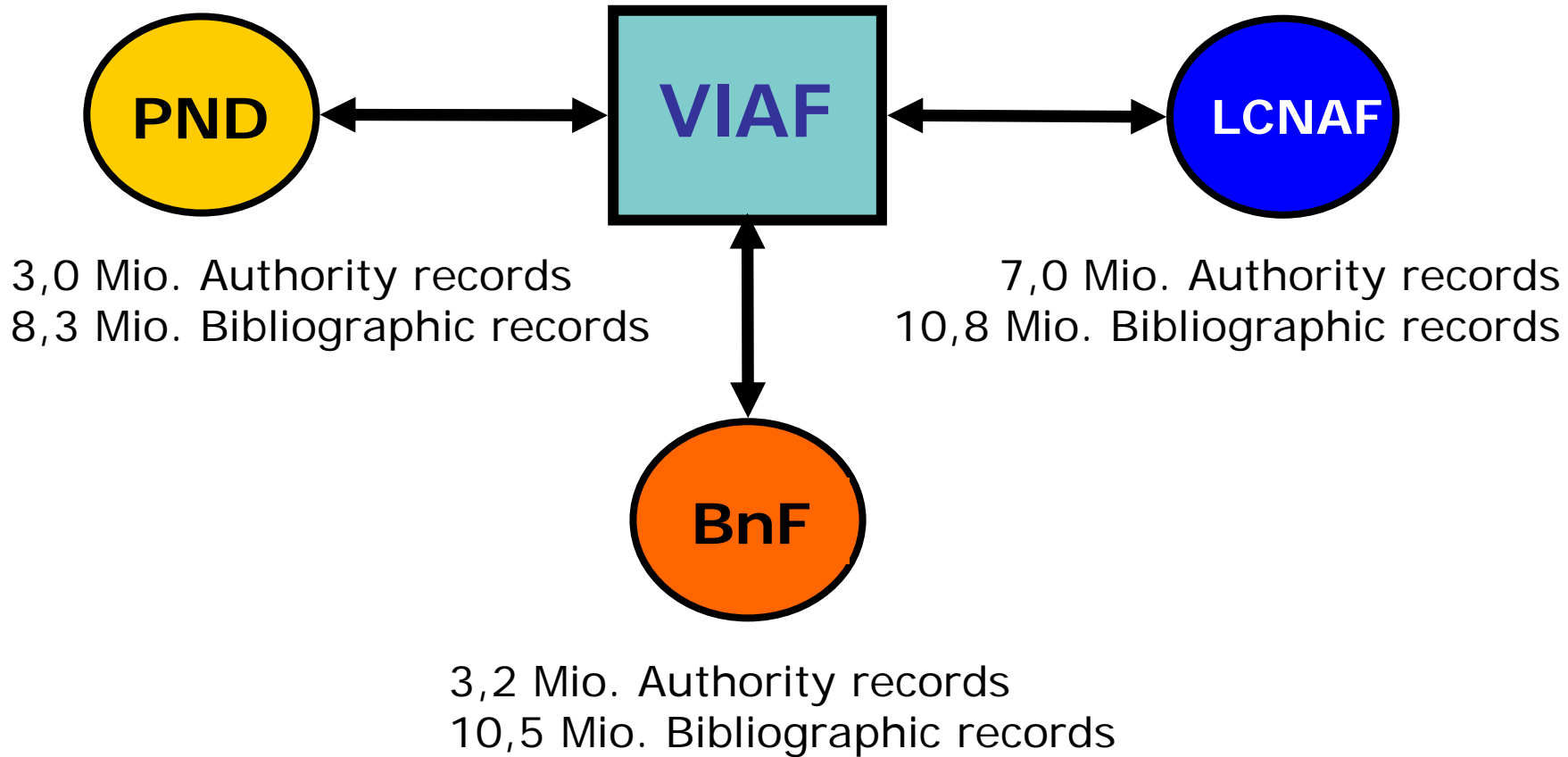
Event/Time

Item

Place

The VIAF partners focus the VIAF on named entities.

# Expanding the VIAF for Persons





## Virtual International Authority File



### LC Datensatz für *Lessing, Doris May, †d 1919-*

Fixed	<a href="#">Rec stat</a>	c	<a href="#">Entered</a>	1979-04-30	Replaced	2002-01-24T05:23:08.0		
	<a href="#">Type</a>	z	<a href="#">Upd status</a>	a	<a href="#">Enc lvl</a>	<a href="#">Source</a>		
	<a href="#">Roman</a>		<a href="#">Ref status</a>	a	<a href="#">Mod rec</a>	<a href="#">Name use</a>	a	
	<a href="#">Govt agn</a>		<a href="#">Auth status</a>	a	<a href="#">Subj</a>	a	<a href="#">Subj use</a>	a
	<a href="#">Series</a>	n	<a href="#">Auth/ref</a>	a	<a href="#">Geo subd</a>	n	<a href="#">Ser use</a>	b
	<a href="#">Ser num</a>	n	<a href="#">Name</a>	a	<a href="#">Subdiv tp</a>	n	<a href="#">Rules</a>	d
<a href="#">001</a>	<a href="#">LC n 79041772</a>							

## Virtual International Authority File



### BNF Datensatz für *19760727afrey0103 ba0*

Fixed	
<a href="#">001</a>	<a href="#">BNF FRBNF119127016</a>
<a href="#">998</a>	Lessing, Doris May, †d 1919- †2 <a href="#">LC n 79041772</a>
<a href="#">998</a>	Somers, Jane, †d 1919- †2 <a href="#">LC no 97001743</a>
<a href="#">998</a>	Lessing, Doris †d 1919- †2 <a href="#">DNB 118572113</a>

# VIAF for Places

- |   |  |
|---|--|
| 1 001 041081528   | 1 001 n 97122976   |
| 2 003 DNB   | 2 003 DLC  |
| 3 005 20051124154711.0  | 3 005 20060307052355.0   |
| 4 008 880701   azznnaa         ua an      d   | 4 008 971212n  acannaabn  a ana  |
| 5 016 041081528 \$2 GyFmDB  | 5 010 n 97122976 \$z n 99250852  |
| 6 035 (SWD)4108152-3  | 6 035 (OCoLC)oca04553281   |
| 7 035 (GKD)2140405-7  | 7 040 DLC \$b eng \$c DLC \$d DLC \$d OCoLC  |
| 8 040 DNB \$b ger \$d 1403 \$f RSWK   | 8 043 e-au---  |
| 9 043 XA-AT-9--- \$2 SWD-ISO3166  | 9 151 Donaustadt (Vienna, Austria)   |
| 10 083 T2--43613 \$2 22ger \$5 DNB  | 10 410 1 Vienna (Austria). \$b Donaustadt  |
| 11 151 Wien-Donaustadt  | 11 451 22. Bezirk (Vienna, Austria)  |
| 12 451 Donaustadt   | 12 451 Donau-City (Vienna, Austria)  |
| 13 451 Wien \$x Bezirk <22>   | 13 667 SUBJECT USAGE: This heading is not valid for use as a geographic subdivision.                       |
| 14 451 Wien- Gross-Enzersdorf \$i Name des Bezirks 1938-1954, vgl. èOsterr.-Lex.  | 14 670 Verèanderte Identitèaten, c1996: \$b t.p. (Donau-City Wien)   |
| <a href="http://www.aeiou.at/aeiou.encyclop.d/d708235.htm">http://www.aeiou.at/aeiou.encyclop.d/d708235.htm</a>             | 15 670 Handbuch d. Stadt Wien, 1995/96: \$b p. 1/14 (22. Bezirk--Donaustadt)                               |
| 15 670 Geo-Du., GKD   | 16 670 èOsterr. Amtskal., 1994/95 \$b (22. Bezirk, Donaustadt)   |
| 16 680 D: Umfasst seit 1954 Stadlau, Kagran, Hirschstetten, Aspern, Lobau, Sèussenbrunn, Breitenlee, Essling, Kaisermèuhlen | 17 670 GEOnet, Nov. 29, 1999 \$b (Donaustadt; Gemeindebezirk of Vienna; admd.; 48 p0 s12\$N, 16 p0 s30\$E) |

## Comparison elements?

# Adding additional authority files

Doris Lessing

se

Doris Lessing

ar

دوريس ليسينغ

cz

Doris Lessingová

cn

多麗絲·萊辛

nl

Doris Lessing



fi

Doris Lessing

ru

Дорис Лессинг

jp

ドリス・レッシング

## in different languages and scripts

# Using the VIAF

## The VIAF as a Source

Find

3000 !120068524! *Stiglitz, Joseph E.*

Get

3211 Making globalization work <dt.>

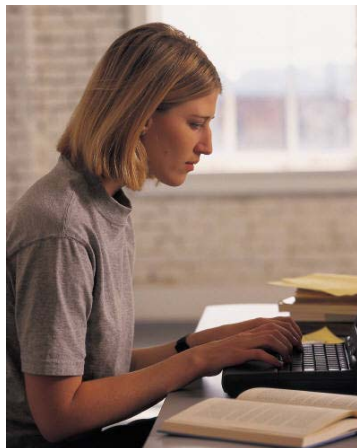
Insert

4000 Die @Chancen der Globalisierung :  
für eine andere Weltwirtschaft / Joseph  
Stiglitz. Aus dem amerikan. Engl. von  
Thorsten Schmidt

1100 2007

1500 /1ger/3eng

1700 /1XA-DE

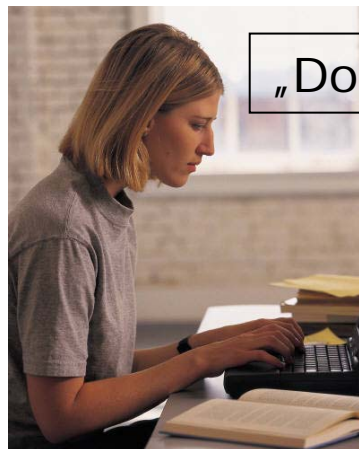


## Retrieving New Names from the VIAF

# Using the VIAF

## The VIAF as a Router

### PND-Query



„Doris Lessing“

### VIAF Authority Links

PND 118572113  
LC n79041772  
BnF 119127016

### LC Query BnF Query

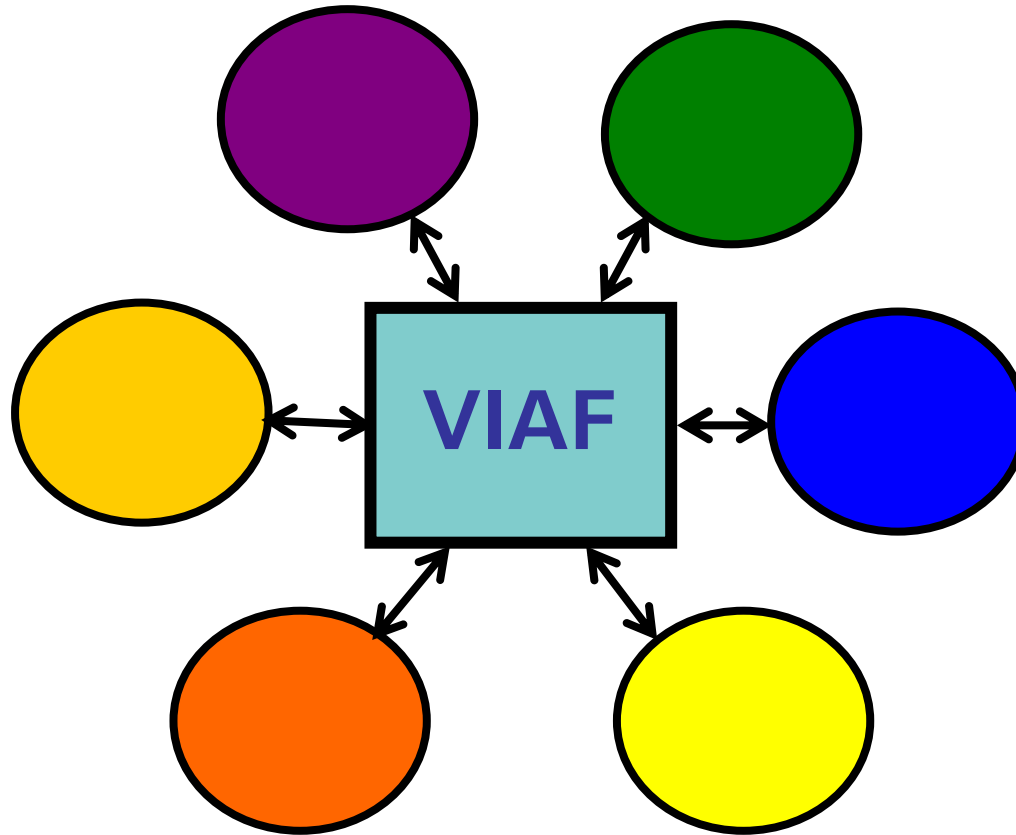
LC n79041772

BnF 119127016

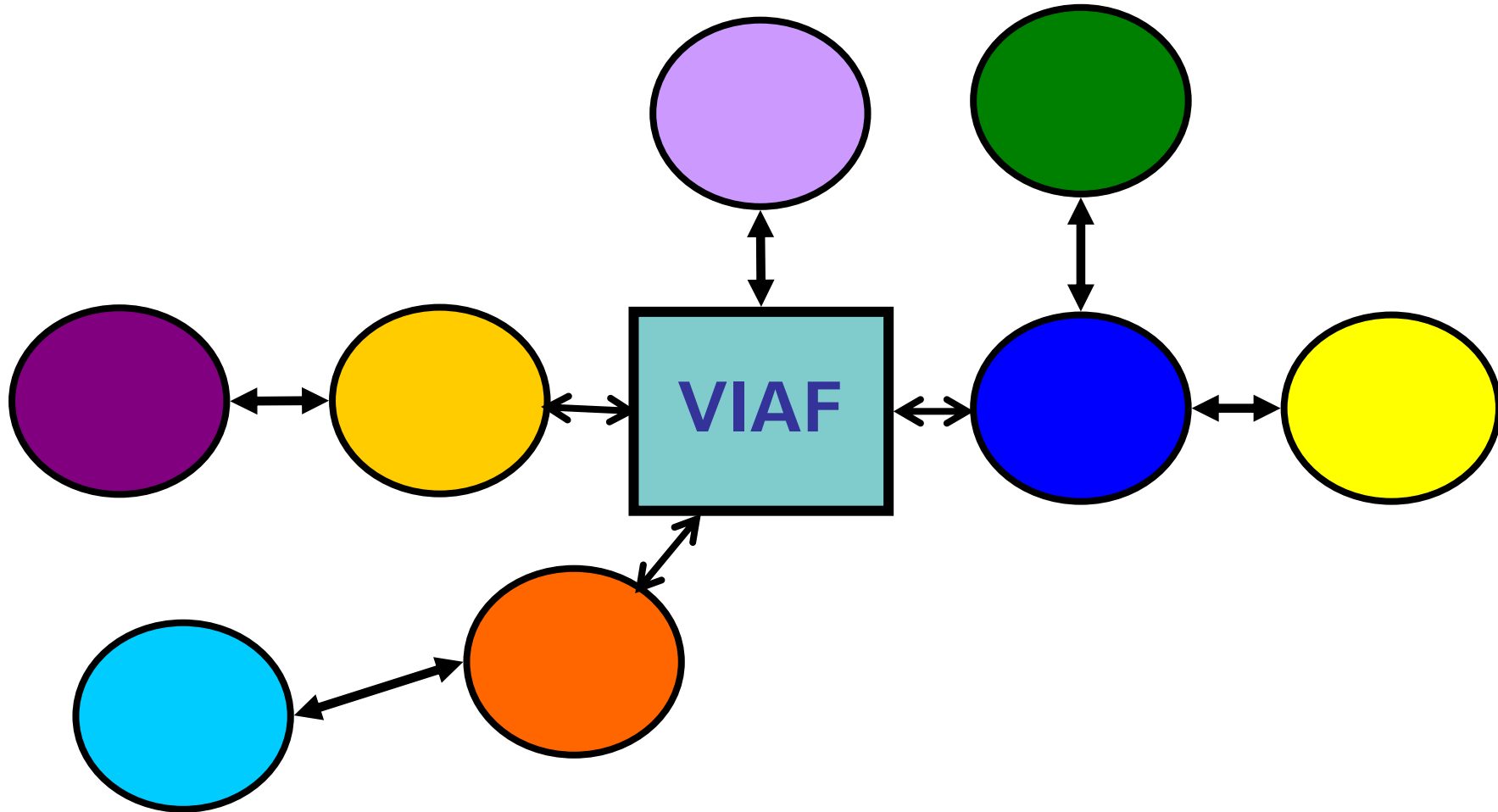
„List of results“

## Searching through the VIAF for Bibliographic Records

# Enhancing the VIAF



# Enhancing the VIAF



# Thank you for your attention!

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