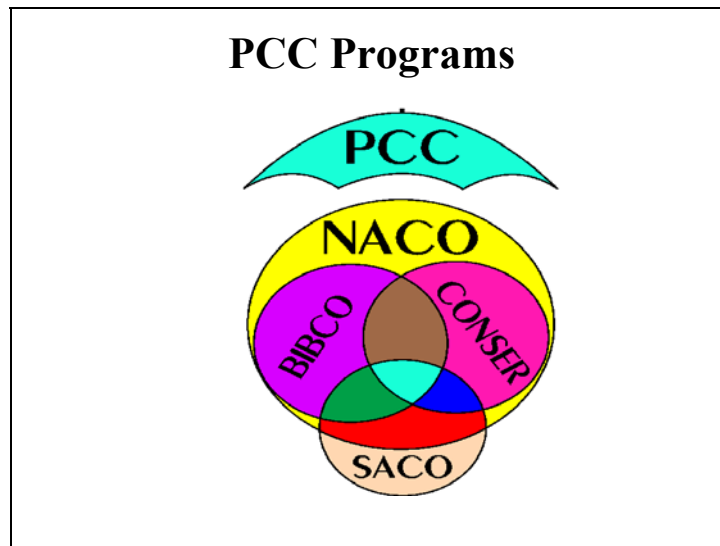


Slide 1



Slide 2

WWW.LOC.GOV/CATDIR/PCC

PROGRAM FOR
Cooperative Cataloging

For information on the components of the Program for Cooperative Cataloging (PCC), click on the name below:

BIBCOCONSERNACOSACO

About the PCC

- [Top 5 reasons](#) to join the PCC
- Información sobre el [PCC en Español](#)
- Informações sobre o [PCC em Português](#)

For more information, contact the [Cooperative Cataloging Team](#) at the Library of Congress

- [PCC Calendar](#) (updated November 2002)

PCC Organization

- PCC [Policy Committee](#), [Steering Committee](#), and [Advisors](#)
- PCC Standing Committees (members, reports, etc.)
 - Standing Committee on [Automation](#)
 - Standing Committee on [Standards](#)
 - Standing Committee on [Training](#)
- PCC Liaisons list
 - [BIBCO](#) institutions
 - [NACO](#) institutions
 - [CONSER](#) institutions

Slide 3

World Wide Web search results: Subject gateways



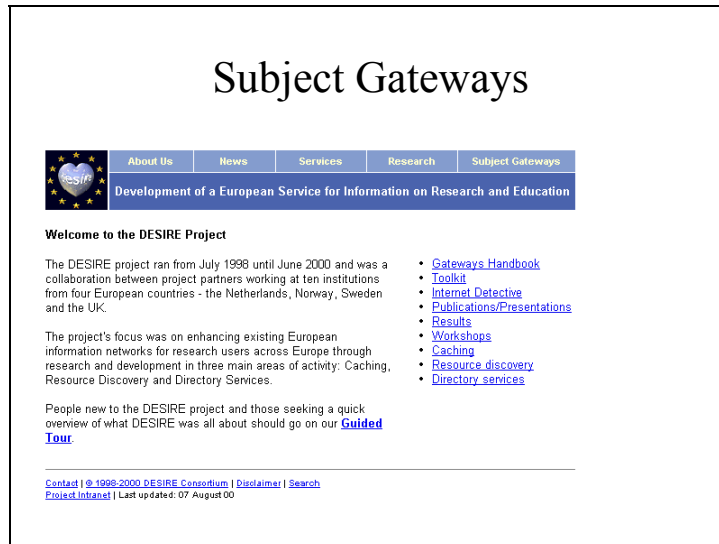
The screenshot shows a Google search interface with the query 'subject gateways'. The search results include:

- PINAKES: Subject Launchpad** - SOCRATES FORUM, GOSU, ZOOB FORUMS, WorldWide ARE Resources, WorldWide ARE Resources: Be sure, BATS Subject Gateway, ...
- Meta Mather Subject Gateways** - meta.mather.edu/www/subjectgateways.html | Subject Gateways: Home | About Us: ...
- Australian Subject Gateways** - Australian Subject Gateway - The ... near are used by to participate, holding ...
- Cross-archiving Subject Gateways the Query Routine and Forward** - Character of Subject Gateway - There are a considerable ...
- Desire Subject Gateways** - Subject Gateways are online services and their purpose ...
- Desire Subject Gateways Community: Mesh** - Mesh: An National Consortium of Institutes Subject Gateway - For ... 1999; ...

Services using **ROADS**

Slide 4

Subject Gateways



The screenshot shows the DESIRE project website with a navigation menu and a list of links:

- About Us
- News
- Services
- Research
- Subject Gateways

Development of a European Service for Information on Research and Education

Welcome to the DESIRE Project

The DESIRE project ran from July 1998 until June 2000 and was a collaboration between project partners working at ten institutions from four European countries - the Netherlands, Norway, Sweden and the UK.

The project's focus was on enhancing existing European information networks for research users across Europe through research and development in three main areas of activity: Caching, Resource Discovery and Directory Services.

People new to the DESIRE project and those seeking a quick overview of what DESIRE was all about should go on our [Guided Tour](#).

- [Gateways Handbook](#)
- [Toolkit](#)
- [Internet Detective](#)
- [Publications/Presentations](#)
- [Results](#)
- [Workshops](#)
- [Caching](#)
- [Resource discovery](#)
- [Directory services](#)

Contact | © 1999-2000 DESIRE Consortium | Disclaimer | Search Project Intranet | Last updated: 07 August 00

Slide 5

Subject Gateways: Desire

HOME |
 TABLE OF CONTENTS |
 AUTHORS

[Search](#) | [Help](#)

Welcome to the DESIRE Information Gateways Handbook

Your guide to creating high quality portals on the Internet

Throughout this handbook the three sections are indicated by the following icons:


- [Strategic Issues](#)
- for gateway managers and funders
- [Information Issues](#)
- for subject specialists and information professionals
- [Technical Issues](#)
- for technical staff

This handbook is designed to support libraries and other organisations interested in setting up large-scale information gateways on the Internet. It offers a step by step guide and points to tools, examples and documentation, which can support the process.

The handbook is divided into three sections to reflect the managerial, information and technical issues that building a gateway raises.

The handbook aims in particular, to support the development of large-scale gateways in Europe, which can support researchers looking for high quality research information on the Internet. By adopting standard practices, these gateways have the potential to form an international network of gateways that can be cross-searched by researchers across the continent.

- [Search:](#)
Search engine for quickly locating specific information
Or try the [table of contents](#)
- [Help](#)
Simple guidelines on how to use the handbook site and find the information you want
- [How to print this handbook](#)
Guidelines on printing the complete handbook



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Subject Gateways: Desire

HOME |
 TABLE OF CONTENTS |
 AUTHORS

[Search](#) | [Help](#)

Information Gateways: Handbook

Table of Contents

<ul style="list-style-type: none"> Section 1: Section 2: Section 3: 	<p>1. Introduction and overview</p> <p>Strategic Issues</p> <ol style="list-style-type: none"> 1. Information gateways overview 2. Preliminary planning 3. Start and skills required overview 4. System requirements overview 5. Maintenance requirements <p>Information Issues</p> <ol style="list-style-type: none"> 1. Quality selection 2. Resource discovery 3. Metadata formats 4. Cataloguing 5. Subject indexing and classification 6. Collection management 7. Working with information providers 8. Publicity and promotion 9. User interface design 10. Integration of robot and manual indexes 11. Distributed cataloguing 12. Multi-lingual issues 13. Co-operation between gateways <p>Technical Issues</p> <ol style="list-style-type: none"> 1. System requirements specifics: hardware and software
---	---

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TERENA Website

Trans-European-Research and Education Networking Association

Quicklinks ...

.Home
.News
.About TERENA
.Conferences
.Technical Programme
.Library
.Search

Page Last Modified:
25th of November 2002

Welcome to the TERENA website

home




TERENA Secretariat (How to get there)
Singel 465 - D
NL-1017 AW Amsterdam
The Netherlands
tel: +31 20 530 4488
fax: +31 20 530 4499
e-mail: secretariat@terena.nl
Registered in the Netherlands
Association Register Amsterdam No. 40535155
VAT No.: NL007981752B01

Latest News

■ 07 14 2002: Video and slides from the Mini Symposium on AAAI '02

Slide 8

Subject Gateways: NAL



Subject Gateways involved in the Australian Subject Gateways Forum

There are a number of established gateways and a few in development who joined together to exchange ideas and share experiences as the Australian Subject Gateways Forum (ASGF). Below is an overview of these gateways with links to their websites.

Comments and suggestions to the group are welcome. Please contact the Library's Coordination Support Branch at: csb@nla.gov.au or the gateways directly.

Established Gateways

- [Aagrigate](#)
- [AMOL](#)
- [AusStage](#)
- [AustLit](#)
- [Australian Digital Theses](#)
- [Australian Science at Work](#)
- [Australian Trade Union Archives](#)
- [AVEL](#)
- [Bright](#)

Related Links

- [Australian Subject Gateways](#)
- [Subject Gateways - Characteristics](#)
- [Subject Gateways - Metadata Comparison](#)
- [ASGF members only](#)

Home
[Pathways to Information](#)
[Our Catalogue](#)
[Ask Us](#)
The Library
[What's On](#)
[Collections](#)
[Services](#)
[Initiatives](#)
[Shop](#)
[Contact Us](#)
[Site Search](#)

Subject Gateways: NAL

NATIONAL LIBRARY OF AUSTRALIA

Australian Subject Gateways

The Library is actively involved in the work of the Australian subject gateway owners brought together by a number of national meetings ([Australian Subject Gateways Forum](#)). Some of the Library's earlier work on the development of subject gateways and the use of metadata has been published in [Meta Matters](#). In addition, the relevant international initiatives are being monitored, and in some cases collaborative links have been established.

We welcome suggestions for improvements or additions to this page - please contact [the Librarian, Digital Services Group](#).

Related Links

- [Digital Library Initiatives](#)
- [Electronic Information Resources, Strategies and Action Plan](#)
- [Meta Matters](#)
- [ASGE members only](#)

Subject Gateways


Australian Subject Gateways Characteristics					Australian Subject Gateways Characteristics				
1. SOFTWARE USED					2. PROJECT/ACTIVITY				
1.A Search engine	1.B Metadata creation tool	1.C Metadata extraction	1.D Database	2.A Metadata	2.B Interoperability	2.C Thesaurus	2.D Other	3. DATE ESTABLISHED TO BE ESTABLISHED	4. CONTACT DETAILS
1. Apiggate	RE TEPress software	Metadata is applied manually by the subject specialists.	For harvesting software	RE TEPress software	Dublin Core standard elements, AGU, EARK, AGU, EARK, and some Apiggate specific elements.	RDF captures the possibility of using CSO/SC in the future.	The OAI International Metadata Protocol, OAI, and the Australian collection of OAI systems, function OAI, See Thesaurus Information on Apiggate site for more info.	1998	Robert East University of Melbourne roee@unimelb.edu.au
2. AMOL - Australian Museum & Galleries Online	only	Metadata entered into database for individual webpages. For Open Collections is National Guide to Museums - generated on the fly.	only	Open Server 2000, No Access	Dublin Core standard elements, AGU, EARK, AMOL Specific.	Will be using OAI	OAI, recommended Thesaurus - Australian Political Thesaurus	1998	Jeff DeWit Technical Design and System Administrator AMOL, Coordinator Unit jeff@amol.org.au
3. AustLII - Australian Literature Gateway	Custom built using Drupal/MySQL	Generated by the system.	Checked manual database.	Drupal	Dublin Core	RDF to allow for mapping to MARC and DC	Custom Thesaurus of OAI terms plus keywords about terms Thesaurus. Uses Open RDF design.	Released October 2001. Subsequent updates for Bibliographic Records.	Terry Fisher Project Manager University of Queensland t.fisher@uq.edu.au
4. Australian Digital Theses (ADT) Program	handles	ADT support form used for automatic generation of metadata	proprietary search engine	Central metadata database is searchable with results pointing back to the digital Press files at the host	Dublin Core		Reported to OAI	The software used is 1999 made available by Virginia Tech and is Australian with some modifications, implemented in July 2000.	Steve Conolly Director Officer CALL steve.conolly@anu.edu.au

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Pinakes

[Subject List](#) **PINAKES** [About](#)
A Subject Launchpad


Featured in the [BEC Web Wise](#) guide to the Internet, and many other online and print publications.
Hosted by [Heriot-Watt University, Edinburgh, Scotland.](#)




ADAM: art, design,
architecture and
media



AERADE: aerospace
and defence studies



AGRIGATE:
agriculture, forestry,
environment, food
science, horticulture




AHDS: arts and
humanities

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ROADS

- ROADS Software
- Info Gateways
- ROADS News
- ROADS Liaison
- Inter-operability
- Template Registry
- Cataloguing Guidelines
- What is ROADS?
- ROADS Guides
- Mailing Lists
- Papers & Reports



Subject gateways and other services using ROADS

This page lists those services which are running either a partial or a full ROADS-based subject gateway. An interesting exercise for people new to ROADS-based gateways, or gateways in general, is to play with some of these services and see how different they are in look, feel and functionality. The Web-based user interfaces for ROADS-based gateways are easy to configure to whatever individual style people want; this can be especially useful for people interested in converting an existing gateway or index into a ROADS-based service, and who want to retain some of the "look and feel" of the current service.

[ADAM - Art, Design, Architecture & Media Information Gateway](#)

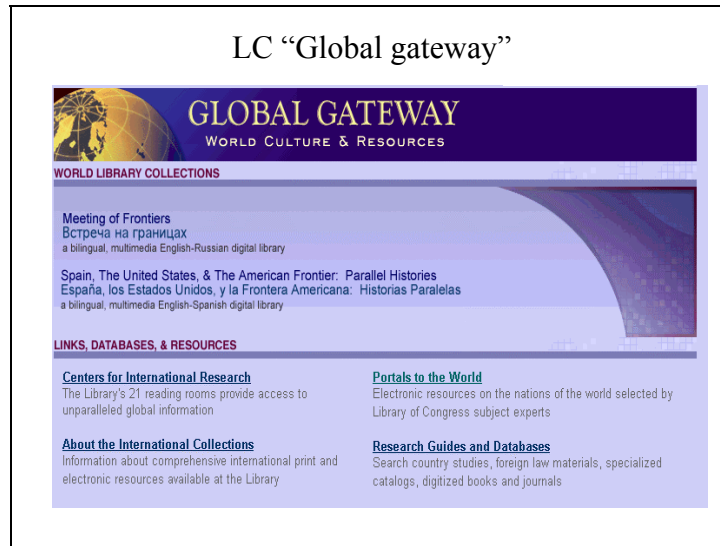
Main contact: Rebecca Bradshaw -- rebecca@adam.ac.uk

Sample search: [mackintosh](#)

URL: <http://roads.ac.uk/index.html>

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LC “Global gateway”



GLOBAL GATEWAY
WORLD CULTURE & RESOURCES

WORLD LIBRARY COLLECTIONS

Meeting of Frontiers
Встреча на границах
a bilingual, multimedia English-Russian digital library

Spain, The United States, & The American Frontier: Parallel Histories
España, los Estados Unidos, y la Frontera Americana: Historias Paralelas
a bilingual, multimedia English-Spanish digital library

LINKS, DATABASES, & RESOURCES

Centers for International Research
The Library's 21 reading rooms provide access to unparalleled global information

About the International Collections
Information about comprehensive international print and electronic resources available at the Library

Portals to the World
Electronic resources on the nations of the world selected by Library of Congress subject experts

Research Guides and Databases
Search country studies, foreign law materials, specialized catalogs, digitized books and journals

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LC's Portals to the World



The Library of Congress >> Global Gateway

search

International Horizons Web Pages

PORTALS TO THE WORLD
LINKS TO ELECTRONIC RESOURCES FROM AROUND THE WORLD


SELECT A LINK TO BEGIN DISCLAIMER

Afghanistan	Kenya
Algeria	Korea, North
Antarctica	Korea, South
Andorra	Kyrgyzstan
Antigua and Barbuda	Laos
Argentina	Libya
Armenia	Malaysia
Aruba	Maldives
Australia	Malta
Austria	Moldova
Azerbaijan	Montserrat
Bahamas	Morocco
Belize	Nepal
Berm	Netherlands



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SACO's Subject gateway?



The logo features the acronym 'SACO' in large, bold, green letters on the left. To its right, the words 'PROGRAM FOR' are written in a smaller, black, sans-serif font above a stylized world map. Below the map, the words 'Cooperative Cataloging' are written in a large, red, serif font.

Web Resources for SACO Proposals

Arts, Humanities & Social Sciences Arts, Architecture, Archaeology, Business and Economics Ethnography, Linguistics, Genealogy, Family Names, Law, Library Science, Media, Music, Dance, Psychology, Religion, Mythology, Philology, Sociology, Political Science	Geographic Names A-D, E-Q, R-Z	Natural Sciences General, Amphibians and Reptiles, Astronomy, Biology, Birds, Botany, Horticulture, Forestry, Fishes, Geology, Insects, Aquatics, Terrestrial Arthropods, Mammals Marine Invertebrates, Meteorology, Mineralogy, Oceanography, Paleontology, Virology
Dictionaries General, Sciences	Health Sciences and Medicine	Physical Sciences

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No search engine, basic listing of web sources

Geographic Names Sources

Worldwide

- [Alexandria Digital Library Gazetteer Server](#)
- [Finnish Place Names Outside Finland](#)
- [A Gazetteer of the Roman World](#)
- [GEBCO Names of Undersea Features](#)
- [GeoNative](#)
- [GEOnet](#)
- [Getty Thesaurus of Geographic Names](#)
- [Global Gazetteer](#)
- [Jerry Hill Presents Names](#) - scroll down to Place Names
- [National Geographic Map Machine](#)
- [National Parks Worldwide](#)
- [Orbis Latinus Online](#)
- [Park Search](#)
- [A Political World Gazetteer](#)
- [The Probert Encyclopaedia Gazetteer](#)
- [United Nations List of Protected Areas \(1997\)](#)
- [The World Factbook](#)
- [Yahoo! Parks and Public Lands](#)

Antarctica

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International PCC Partners

By Region:	Names	Subjects	CONSER	FY01 totals		Date
	new/mod	new/mod		auth/main	NACO	
Asia						
Alliance Bible Seminary of Hong Kong (ATLA member)						2001
Hong Kong University of Science & Technology	1907		1020	1348		1999
Singapore Integrated Library	199	46				2002
Australia/New Zealand:						
National Library of Australia		13			8	1975
National Library of New Zealand	868	11		1078	5	2000
Baltic States						
National Library of Lithuania		4			8	1997
Canada						
Canadian Centre for Architecture (ArtNACO member)	912			1030		1993
Edmonton Public Library		290			249	1996
Halifax Regional Library		6				2002
McGill University		7				2002
Memorial University of Newfoundland	266			192		1998
National Library of Canada	212	60	4001	304	42	1978

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Europe

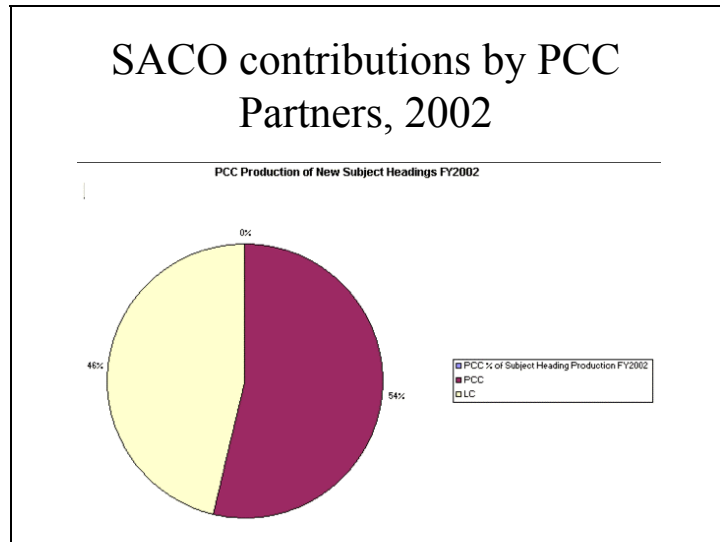
Europe:						
Ireland:						
Trinity College, Dublin	134	10			1	1994
Italy:						
Unione Romana Biblioteche (ArtNACO member)						1998
United Kingdom:						
British Library	27954	357		28621	306	1994
Cambridge University	734	15		725	24	1995
Oxford University	1919	99		609	62	1995
National Art Library (Great Britain)	29				76	1998
National Library of Scotland	1242	30		1480		1996
National Library of Wales	232		140	273		1999
University of Strathclyde	25					2002
Wellcome Institute	75					2002

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Latin American/South Africa


Latin America:					
El Colegio de México			13		2001
Universidad de San Andrés	472		271		2000
Universidade de São Paulo	668		682		1998
South Africa:					
CALICO funnel	321				2000
Cape Technikon, Peninsula Technikon, University of Cape Town, University of Stellenbosch, University of the Western Cape					
Gaelic funnel	3772				2000
Manguang Local Municipality Library Services, Medical University of South Africa, Rand Afrikaans University, Technikon Free State, Technikon South Africa, Technikon Witwatersrand, University of Pretoria, University of South Africa, Pretoria, University of the Free State, University of the Witwatersrand, Vaal Triangle Technikon, Vista University, Pretoria campus					
National Library of South Africa	682		325		2000
Swaziland:					
University of Swaziland		5			2002
Totals:	48,097	933	99,787	764	
Percentage of total PCC contributions:	23%	24%	21%	25%	

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TG on International Participation in the PCC



PROGRAM FOR
Cooperative Cataloging

**PCC Standing Committee on Standards/Standing
Committee on Training Joint Task Group
on International Participation in the PCC**

Charge:

- Outline benefits to both current and potential PCC participants of international cooperation in training and standards Identify potential barriers to the provision of training to international participants
- Identify training and post-training needs of international participants
- Explore options and recommend strategies for the provision of training to potential PCC members outside of North America
- Identify the required PCC standards that impede broader international participation in the PCC's programs and activities
- Consider the effects of recent IFLA activities (especially the reshaping of the concept of Universal Bibliographic Control) on international participation
- Explore options and recommend alternatives or changes in the use or application of standards and practices (as noted above) to facilitate broader international participation
- Submit a final report to the PCC Standing Committee on Standards and the Standing Committee on Training outlining the group's findings and recommendations

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Subject Heading Search

[The Library of Congress](#) >> [Go to Library of Congress Online Catalog](#)



LIBRARY OF CONGRESS AUTHORITIES

[Help](#) [Search](#) [Search History](#) [Headings List](#) [Start Over](#)

SOURCE OF HEADINGS: Library of Congress Online Catalog

Authority Headings Search

Search Text:

Search Type: Subject Authority Headings
Name Authority Headings
Title Authority Headings
Name/Title Authority Headings




Scroll down for Search Hints

25 records per page

Authorities Search Tips

Search results

◀ Previous Next ▶

#	Bib Records	<i>select icon in first column to...</i> View Authority HeadingsReferences	Type of Heading
 1	0	Streets Lithuania	LC subject headings
2	2	Streets Lithuania Vilnius.	LC subject headings
3	1	Streets Lithuania Vilnius Pictorial works.	LC subject headings
 4	0	Streets Living Theater (Musical group)	LC subject headings
5	1	Streets Ljubljana region, Slovenia Directories. [from old catalog]	LC subject headings
 6	0	Streets Louisiana	LC subject headings
7	5	Streets Louisiana New Orleans.	LC subject headings
8	1	Streets Louisiana New Orleans 1850-1860.	Thesaurus for graphic materials: TGM I, sub. terms
9	2	Streets Louisiana New Orleans 1900-1910.	Thesaurus for graphic materials: TGM I, sub.

Broader term search results

SOURCE OF HEADINGS: Library of Congress Online Catalog
INFORMATION FOR: Streets Lithuania

Please note: Broader Terms are not currently available

Select a Link Below to Continue...

[Authority Record](#)

Narrower Term: [Bernardinu gatve \(Vilnius, Lithuania\)](#)

Narrower Term: [Ausros Vartu gatve \(Vilnius, Lithuania\)](#)

Narrower Term: [Didzioji gatve \(Vilnius, Lithuania\)](#)

Narrower Term: [Pilies gatve \(Vilnius, Lithuania\)](#)

Narrower Term: [Dominikonu gatve \(Vilnius, Lithuania\)](#)

Narrower Term: [Svento Jono gatve \(Vilnius, Lithuania\)](#)

Narrower Term: [Traku gatve \(Vilnius, Lithuania\)](#)

Narrower Term: [Rūdninku gatve \(Vilnius, Lithuania\)](#)

[Help](#) - [Search](#) - [Search History](#) - [Headings List](#) - [Start Over](#)

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MARC View of subject heading

035 __ |a (DLC)261304
906 __ |t 0034 |u te04 |v 0
010 __ |a sh 00008507
040 __ |a Lit |b eng |c DLC
151 __ |a Svento Jono gatve (Vilnius, Lithuania)
451 __ |a Balio Sruogos gatve (Vilnius, Lithuania)
451 __ |a Sv. Jono gatve (Vilnius, Lithuania)
550 __ |w g |a Streets |z Lithuania
667 __ |a This heading is not valid for use as a geographic subdivision.
670 __ |a Work cat.: 99169704; Caplinskas, A. Vilniaus gatviu istorija : Sv. Jono, Dominikonu, Traku gatves, 1998; |b p. 31 (called Balio Sruogos gatve, 1947-1989, called Sv. Jono gatve from 1989)
670 __ |a Vilnius : miesto gatviu ir aiksciu pavadinimu pakeitimai, naujos gatves ir aikstes iki 1991.
952 __ |a 0 bib. record(s) to be changed
953 __ |a yz00




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MACS

MACS
Multilingual access to subjects



[Public access](#)
[Restricted access](#)
(Project partners)

Language   

Partners
SNL
BnF
BL
DDB


CENL
[Index Data](#)
[Tilburg University Library](#)

MACS aims to provide multilingual subject access to library catalogues. MACS enables users to simultaneously search the catalogues of the project's partner libraries in the language of their choice (English, French, German). The partners are: the [Swiss National Library \(SNL\)](#), project leader, the [Bibliothèque nationale de France \(BnF\)](#), The [British Library \(BL\)](#) and [Die Deutsche Bibliothek \(DDB\)](#). The project is running under the auspices of the [Conference of European National Librarians \(CENL\)](#).

This multilingual search is made possible thanks to the equivalence links created between the three indexes languages used in these libraries: SIAF (for German)


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www.loc.gov/cds



What's New!
Title Index
Subject Index
How to Order

The LIBRARY of CONGRESS
**Cataloging Distribution
Service**
Bibliographic Products & Services



LIBRARY OF CONGRESS
CDS100
A CENTURY OF SERVICE


**Important note
about mail delivery.**

Classification Web now available! NEW
Library of Congress Classification and Subject Headings on the
World Wide Web. [Subscription options and prices.](#)

CD-ROM Products

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CDS Products for subject cataloging



LIBRARY OF CONGRESS
CDS100
A CENTURY OF SERVICE


Tools for Authority Control--Subject Headings

Cataloging Distribution Service offers these tools to help you with subject access:

- [Library of Congress Subject Headings, 25th edition \(2002\)](#)
- [NEW! Classification Web](#) - includes LC Subject Headings
- [Classification Plus \(CD-ROM\)](#)
- [Library of Congress Subject Headings on Microfiche](#)
- [Free-floating Subdivisions: An Alphabetical Index, 14th edition \(2002\)](#)
- [LC Period Subdivisions Under Names of Places, 5th edition \(1994\)](#)
- [Subject Cataloging Manual: Subject Headings, 5th edition \(1996\) with Updates](#)
- [LC Subject Headings Principles of Structure and Policies for Application \(1990\)](#)
- [LC Subject Headings Weekly Lists on CPSO Web Page](#)

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WWW.loc.gov/marc



**MARC Code List for
ORGANIZATIONS**
*Library of Congress
Network Development and MARC Standards Office*

Web Version
(Updated December 4, 2002, to incorporate 40 additions and corrections)

Table of Contents

- [Introduction](#)
- [Historical Developments](#)
- [Structure of the Codes](#)
- [Searching Online by Code or Name](#)
- [Go Directly to the MARC Organization Code Database](#)
- [How to Request New Codes](#)

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WWW.LOC.GOV/CATDIR/PCC



**PROGRAM FOR
Cooperative Cataloging**

For information on the components of the Program for Cooperative Cataloging (PCC), click on the name below:



<p>About the PCC</p> <ul style="list-style-type: none">• Top 5 reasons to join the PCC• Información sobre el PCC en Español• Informações sobre o PCC em Português <p>For more information, contact the Cooperative Cataloging Team at the Library of Congress</p> <ul style="list-style-type: none">• PCC Calendar (updated November 2002)	<p>PCC Organization</p> <ul style="list-style-type: none">• PCC Policy Committee, Steering Committee, and Advisors• PCC Standing Committees (members, reports, etc.)<ul style="list-style-type: none">◦ Standing Committee on Automation◦ Standing Committee on Standards◦ Standing Committee on Training• PCC Liaisons list<ul style="list-style-type: none">◦ BIBCO institutions◦ NACO institutions◦ CONSER institutions
---	---