

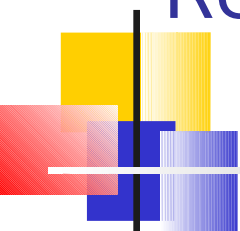
Access Resources Galore

A Guided Tour of CARLI's Access Database

ELUNA 2010

Cathy Salika

CARLI - Consortium of Academic and
Research Libraries in Illinois

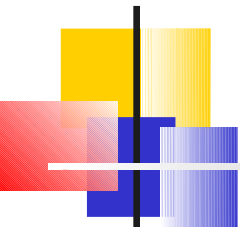


CARLI runs Voyager for 76 libraries.

Consortial staff who write queries regularly: 7

Library staff with privileges to run queries:
530

Library staff who write queries: ???



It's worth our while to streamline querying

Training

Documentation

Data Dictionary

Reverse Data Dictionary

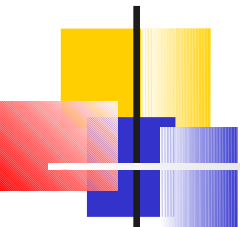
Class Diagrams

Running the BLOB queries on large databases

Alternatives to the BLOB queries

Reporting with Call# ranges

The SQL Sharing Place



The SQL Sharing Place: over 200 useful queries

Title: Bad Email Addresses

What it does: Lists the patron email addresses that are malformed (i.e., that have invalid characters or lack the @ sign)

This might be useful for: Correcting (or at least deleting) email addresses that cause notices to be undeliverable

Fields in the final report: email address, last name, first name, patron expiration date, active barcode

Version of Voyager: tested with V6.1

Note: This query has a subquery.

Subquery: Save this under the name “Bad Email Address Subquery”, but don’t run it:
SELECT PATRON_ADDRESS.ADDRESS_LINE1 AS Email, PATRON_ADDRESS.PATRON_ID,
<snip>

Main Query:

```
SELECT [Bad Email Address Subquery].Email, PATRON.LAST_NAME,  
PATRON.FIRST_NAME,  
<snip>
```

CARLI_reports_2009a.mdb

All of the Voyager tables link automatically

Removed the 3 BLOB_VWs, which have bugs

AUTHBLOB_VW BIBBLOB_VW MFHDBLOB_VW

The latest version of the BLOB functions

Fixes to some of the Voyager Prepackaged
Queries

The 200+ queries from our Sharing Place

How to organize 200+ Shared Queries

Categories of Shared SQL

Acquisitions

Funds and ledgers
Purchase Orders and Line Items
Invoices
Other

Cataloging Activity and Statistics

Description of a Library's Collection

Local Catalog Maintenance

Bibliographic Records
MFHD Records
Item Records

Local Circulation Maintenance

Local Circulation Statistics

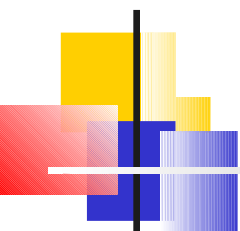
Managing your Access Queries

Reserves

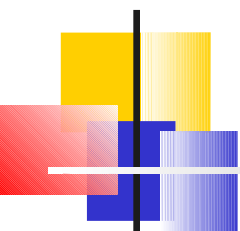
Serials

System Administration
















Universal Borrowing



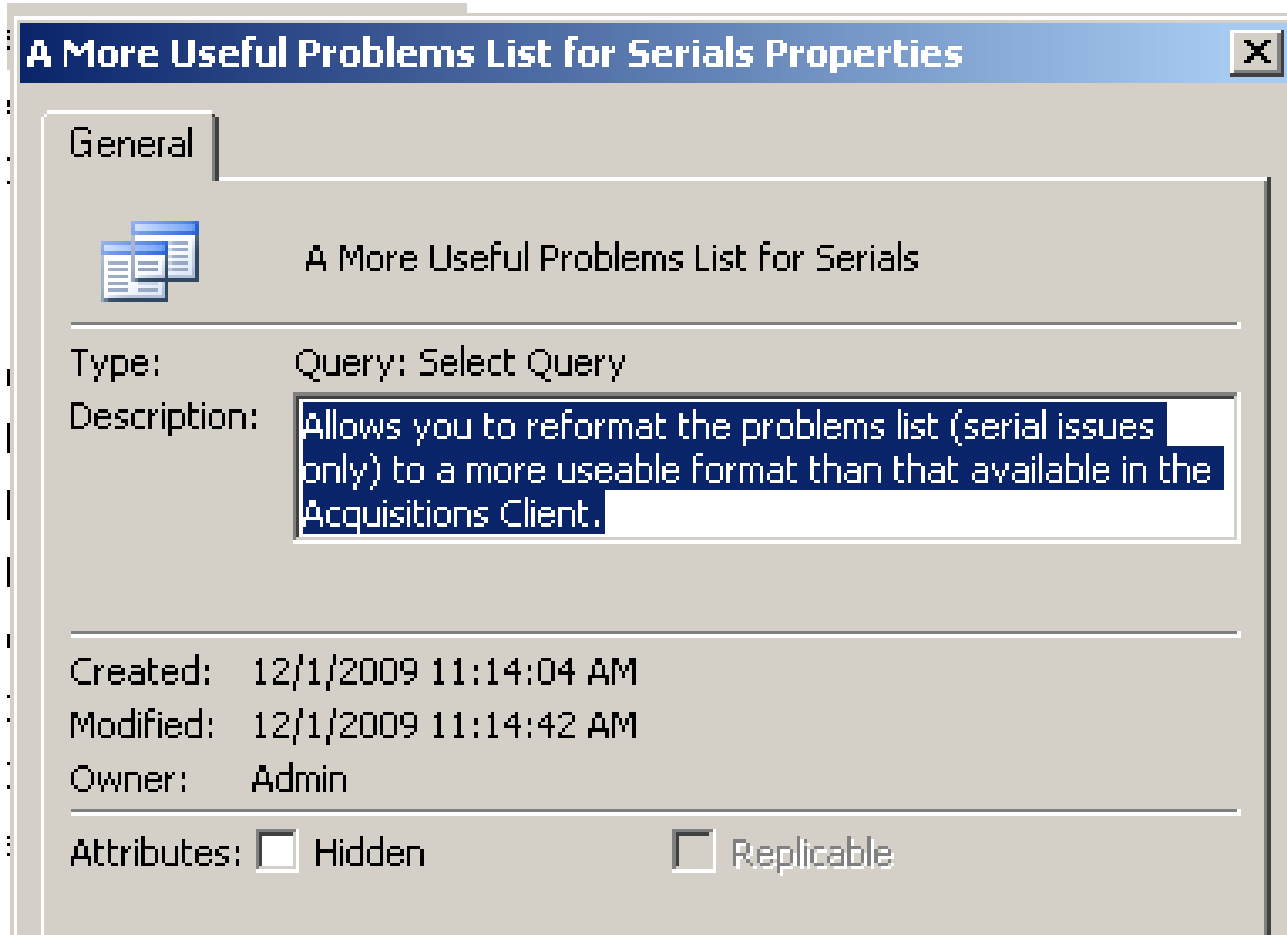
How to organize 200+ Shared Queries



Prepackaged or CARLI's?

Name	Description	Modif
 Create query in Design view		
 Create query by using wizard		
 A More Useful Problems List for Serials	Allows you to reformat the problems list (serial issues onl...	12/1,
 Acq - Issues Received by Component and Date Range		2/18,
 Acq - New Items by Item Create Date (no serials)		2/18,
 Acq Stat 1: Purchase Order Report	Counts all P.O.s by ledger, order location, P.O. type, an...	11/31
 Acq Stat 2: The Ultimate Fund Hierarchy Query	Displays the fund hierarchy showing fiscal period and led...	11/31
 All items on reserve, on active and expired lists	Lists current and expired reserve lists and the items curr...	12/1,
 Ampersands in Titles: Main Query	Lists bibs that have an ampersand in the 245, but do no...	11/31
 Ampersands: Ampersand in 245	Subquery of Ampersands in Titles: Main Query	4/27,
 Ampersands: AND in 246, 247, or 740	Subquery of Ampersands in Titles: Main Query	4/27,
 Bad Email Addresses	Lists malformed email addresses (no @, 2 @s, invalid ch...	12/1,
 Bib record 035 \$a begins with LCS scope code	Lists MARCettes-brief bibs left over from LCS	4/27,
 Bib record 035 \$a contains (XXXdb)nnnn	Finds bib records containing the database code and bib ...	11/31
 Bib Records Created By Operator	Lists the number of bib records created by cataloging st	11/31

To see descriptions









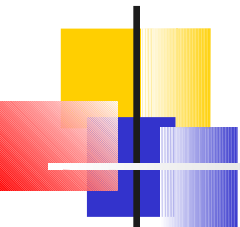
Right-click on the query and choose Properties.

This is also where you enter them.

Another reason we do our own reports.mdb

It's the only way to share reports.

Name	Description
 Create report in Design view	
 Create report by using wizard	
 ISU_Bulk_Import_Rules_Mappings	Part of Bulk Import Rules
 ISU_Bulk_Import_Rules_Barcode_Subreport	Part of Bulk Import Rules
 Bulk Import Rules	Provides a nicely formatted list of your bulk import rules
 ISU_Bulk_Import_Rule_ItemMap_Subreport	Part of Bulk Import Rules











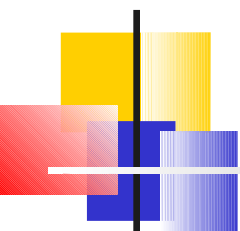
Another reason we do our own reports.mdb

It's an easy way to share tables.







DIVISION	CATEGORY	CALL_NO_RANGE	LoNum	
Biological Sciences	Reptiles & Amphibians	597.8-597.9	597.8	597.
Biological Sciences	Reptiles & Amphibians	QL640-669	QL 640	QL 6
Biological Sciences	Virology	QR355-502	QR 355	QR !
Biological Sciences	Virology	579.24-579.25	579.24	579.
Biological Sciences	Virology	579.29	579.29	579.
Biological Sciences	Zoology, General	590	590	590.
Biological Sciences	Zoology, General	573-573.0999	573	573.
Biological Sciences	Zoology, General	SK601-605	SK 601	SK 6
Biological Sciences	Zoology, General	QL0-355	QL 1	QL 3
Biological Sciences	Zoology, General	SK650-664	SK 650	SK 6
Biological Sciences	Zoology, General	591.6-591.9	591.6	591.
Business & Economics	Business, Business Administration	658.8	658.8	658.
Business & Economics	Business, Business Administration	651.9	651.9	651.
Business & Economics	Business, Business Administration	381	381	381.
Business & Economics	Business, Business Administration	HF4999-5547	HF 4999	HF 5
Business & Economics	Business, Business Administration	650-651.7	650	651.

The Conspectus Queries

Name	Description
 Conspectus 2009 Charge Counts	Counts charges done during a specified time period, broken down by the Con..
 Conspectus 2009 Count of Bibs by Pub Date	Counts bibs published since 1900 by pub date and Conspectus categories.
 Conspectus 2009 Count of Bibs by Pub Date Range	Counts bibs by Conspectus categories and pub date. Pub dates are given as ..
 Conspectus 2009 Count of Bibs Created between Dates	Counts bibs by Conspectus categories created between specified dates. Pro...
 Conspectus 2009 Item Counts	Counts items by Conspectus categories
 Conspectus 2009 MFHD Counts	Counts MFHDs by Conspectus categories. If you normally have only one MF...
 Conspectus 2009 Renewal Counts	Counts renewals done during a specified time period, broken down by the Co..
 Conspectus 2009: Call#s in No Category	Lists bibs whose call numbers do not fall into one of the Conspectus categories.



The Managing Your Access Queries Group

Name	Description
 List queries with a specified string in the query name	Prompts for a string (do not use * and ?) and list
 List the queries database that contain a string in a criterion	Good for finding a examples of a function (e.g. f
 List the queries database that display the specified field	Prompts for a table and field name and lists the
 List the queries etc updated since a given date	Lists queries, reports, tables, modules, etc., the
 List the queries that make a specified table	Prompts for a table name (You can use * and ?)
 List the queries that use the specified table	Prompts for a table name and lists the queries in

Tips on Merging Access Databases

You might do this when you upgrade Voyager.

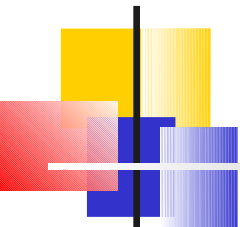
You might do it to makes use of CARLI's .mdb.

Which database should I merge into which?

You can't export Groups.

It's easier to move fewer things.

Remember to link the new database.



Tips on Merging Access

Databases

Go to the source database and decide what you want to move.

Tables? Queries? Reports? Forms?
Macros?

Look at the dates to decide which ones you wrote.

Use “List the queries etc updated since a given date”

or

sort the detailed view by clicking the column header

Tips on Merging Access Databases

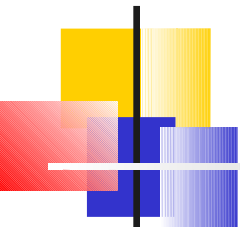
Open the target database.

Go to File / Get External Data / Import...

Navigate to the source database.

Pick the objects you want to import.
Maybe do this in batches.

Click Import.

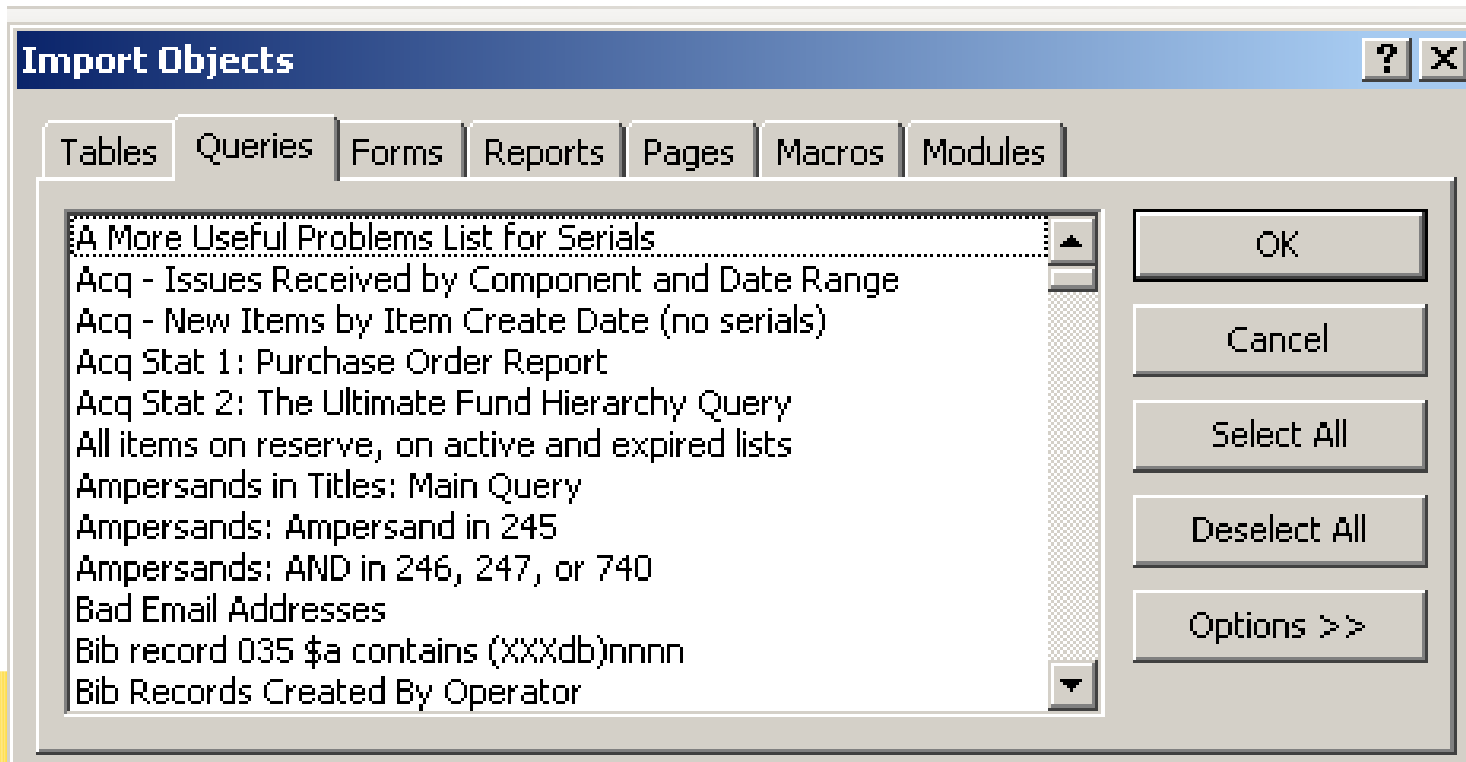


Tips on Merging Access Databases

Pick the objects you want to import.

Maybe do this in batches.

Click Import.

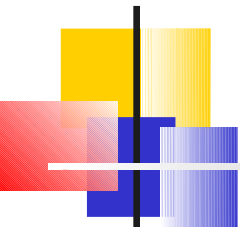


Tips on Merging Access Databases

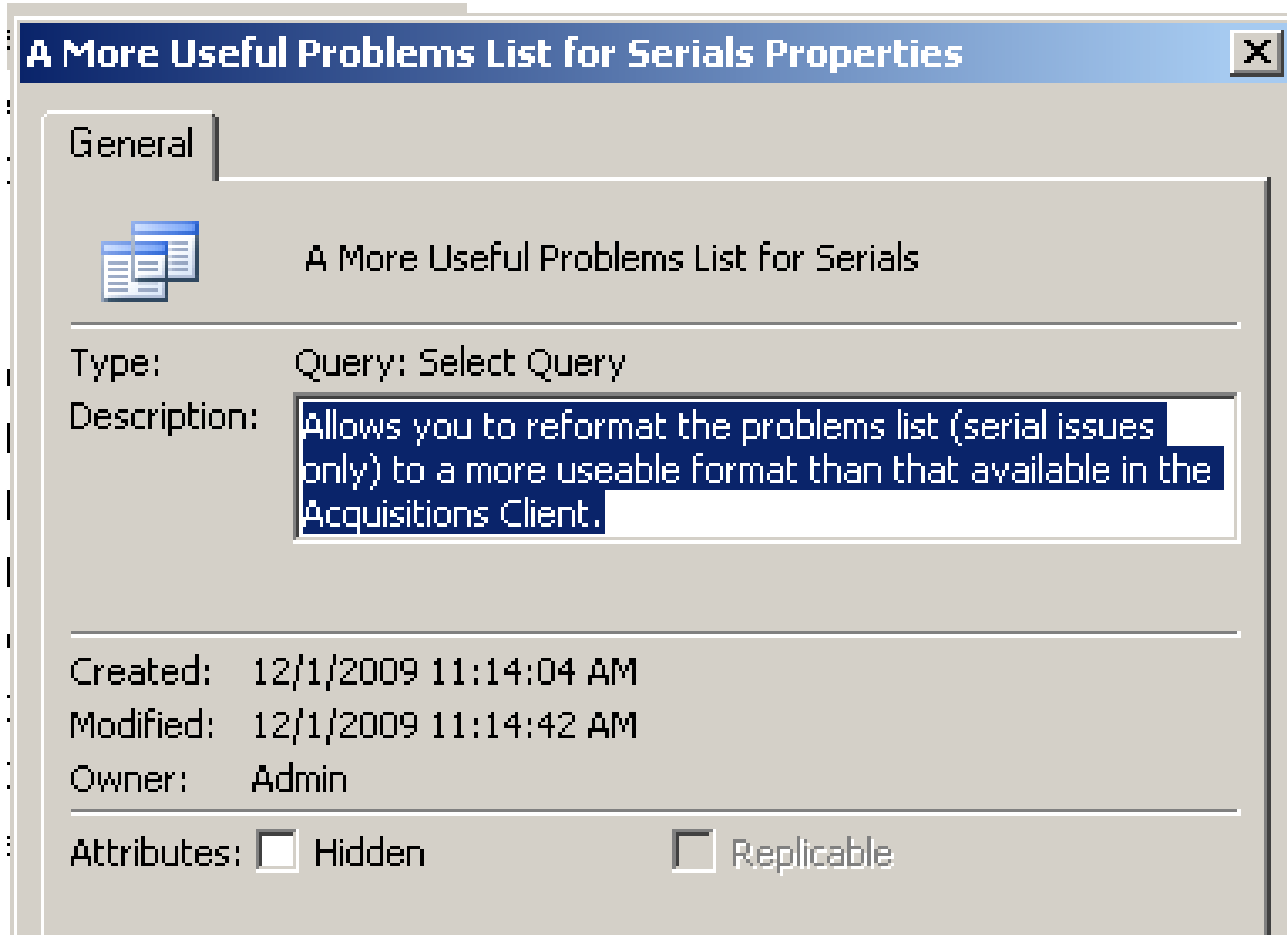
Access will not overlay objects during an import. It adds a “1” to the name to distinguish them.

Example:

If the target database had a “URL Query” and you import a “URL Query” the imported one will be named “URL Query 1”.










To see descriptions



Right-click on the query and choose Properties.

This is also where you enter them.

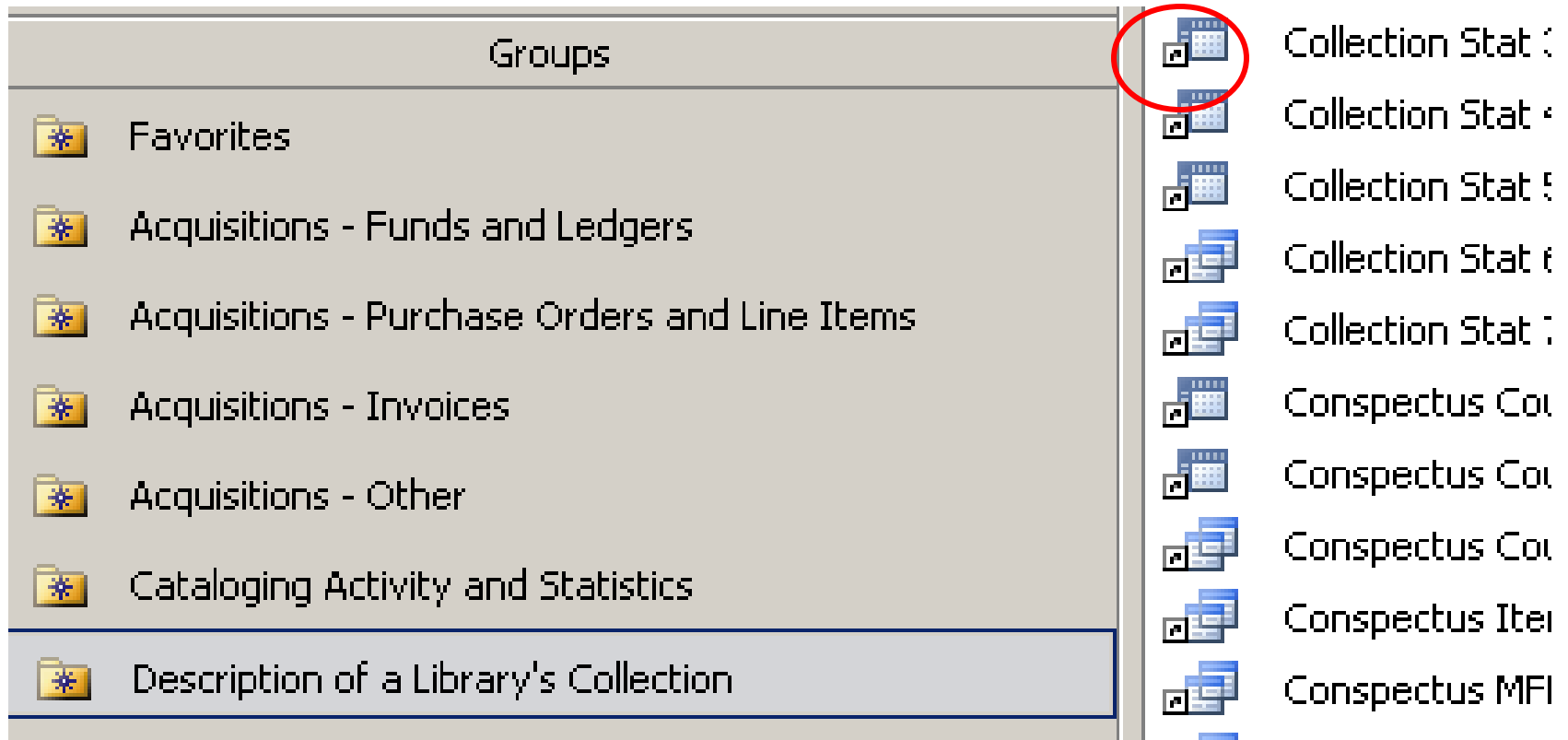
Controlling which tables link automatically

Name	Description
→  VENDOR_TYPES	
→  VENDORINVOICE_VW	
→  VENDORORDER_VW	
→  VERSIONS	
→  VOYAGER_DATABASES	
 VoyagerTables	Revised by CARLI
→  WOPAC PID PATRON KEYS	

It's just a list of tables.

VoyagerTables : Table	
	TABLE_NAME
	ACCESS_GROUP
	ACCESS_GROUP_DATABASES
	ACCESS_GROUP_DOMAIN
	ACCESS_GROUP_IP
	ACCESS_GROUP_PATRON_GROUP
	ACCESS_GROUP_SORT_GROUP
	ACCOUNT_LOCATION
	ACCOUNT_NOTE
	ACQ_LOCATIONS
	ACQ_OPERATOR

More about Groups



The screenshot displays a software interface with a 'Groups' panel on the left and a list of queries on the right. The 'Groups' panel contains the following items:

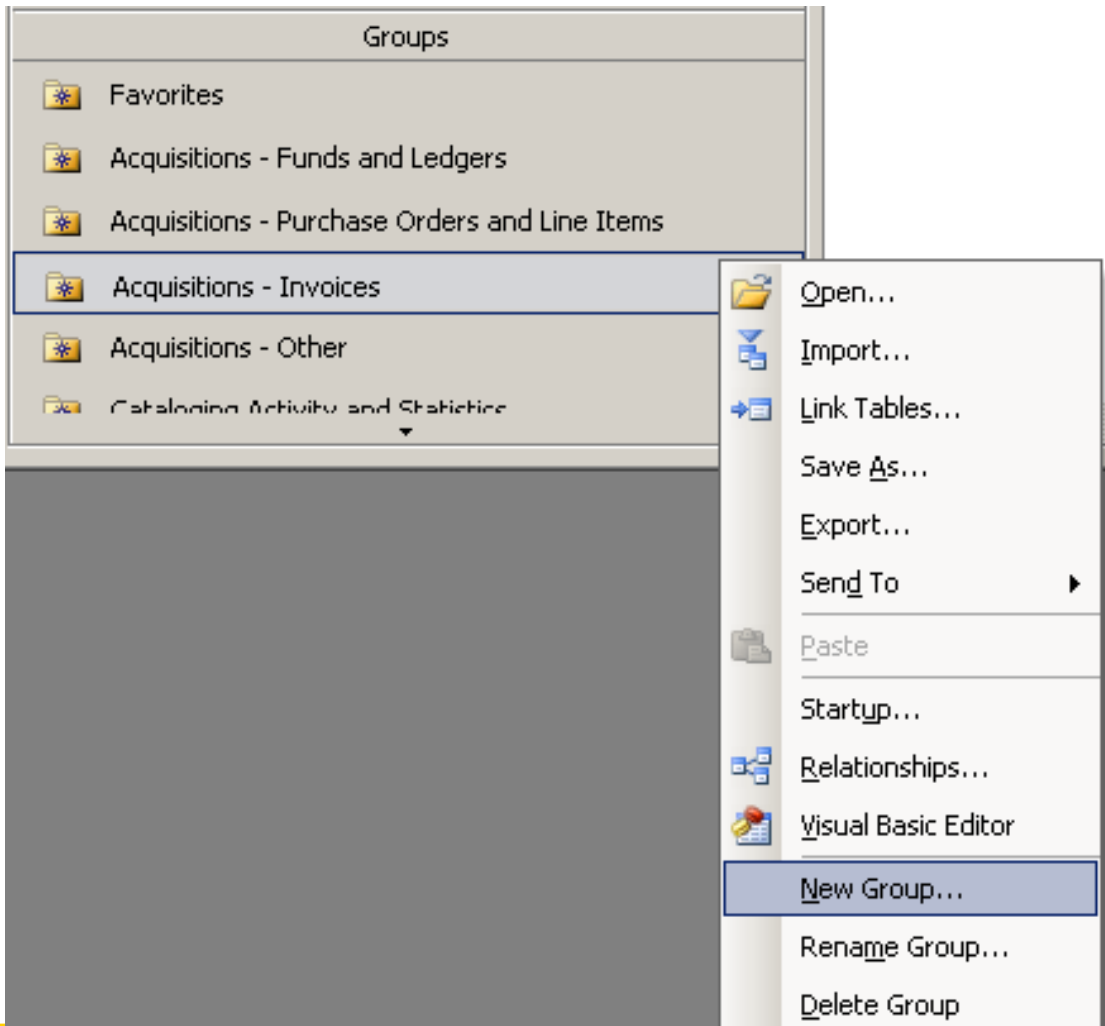
- Favorites
- Acquisitions - Funds and Ledgers
- Acquisitions - Purchase Orders and Line Items
- Acquisitions - Invoices
- Acquisitions - Other
- Cataloging Activity and Statistics
- Description of a Library's Collection

The right panel lists several queries, each with a small icon. The top query icon, which is a calendar-like grid, is circled in red. The queries listed are:

- Collection Stat :
- Collection Stat :
- Collection Stat :
- Collection Stat :
- Collection Stat :
- Conspectus Col
- Conspectus Col
- Conspectus Col
- Conspectus Item
- Conspectus MFI

The queries in a Group are just shortcuts.

To Create a Group



Right-click somewhere below the Groups label and pick New Group.

This is also where you may delete a group.

To Create a Group



Name it. Click OK.

It appears as the last group and you can't move it.

Create your groups in some logical order.

Now you can drag and drop queries into the group.

carli_reports_2009a.mdb

Available on EL Commons

Thank you!

