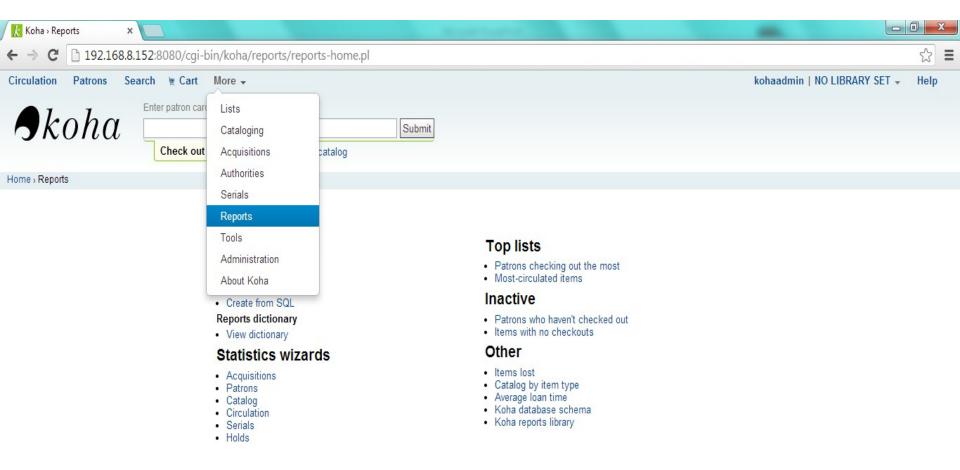
Presented by: CSIR-KNOWGATE

**KNOWGATE Email:** 

csirknowgate@niscair.res.in
KNOWGATE Website:
knowgate.niscair.res.in

#### More > Report



- Reports in Koha are a way to gather data
- Reports are used to generate statistics, member lists, shelving lists, or any list of data in your database

- Custom Reports
- Circulation Reports
- Statistics Reports
- Reports Dictionary

- Custom Reports
- Circulation Reports
- Statistics Reports
- Reports Dictionary

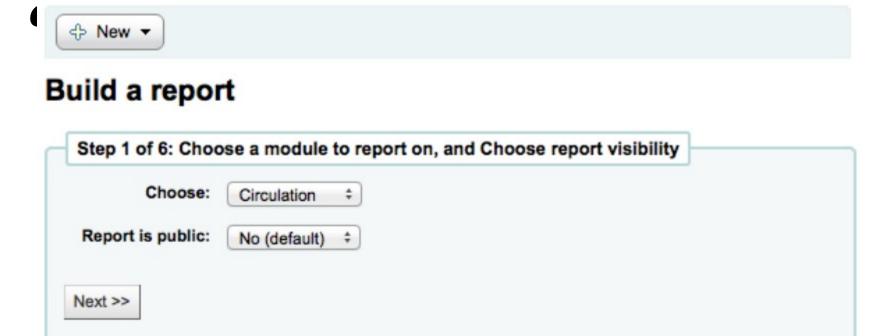
#### Add Custom Report

Koha's data is stored in a MySQL database which means that librarians can generate nearly any report they would like by either using the Guided Reports Wizard or writing their own SQL query

The guided report wizard will walk you through a six step process to generate a report

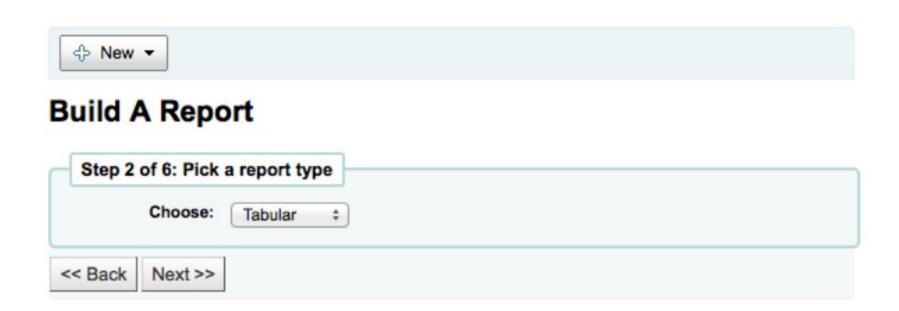
#### Add Custom Report

Step 1: Choose the module you want to report on. This will determine what tables and fields are available for you to



#### Add Custom Report

Step 2: Choose a report type. For now, Tabular is the only option available

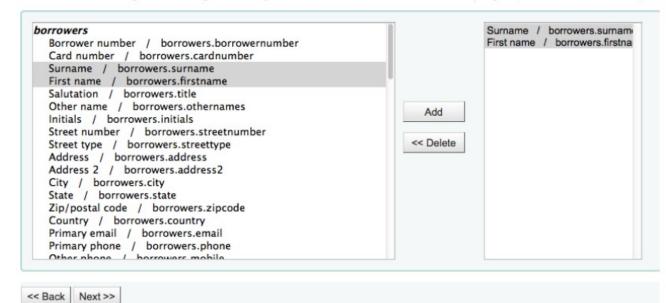


#### Add Custom Report

Step 3: Choose the fields you want in your report. You can select multiple fields and add them all at once by using CTRL+Click on each item you want to add before clic

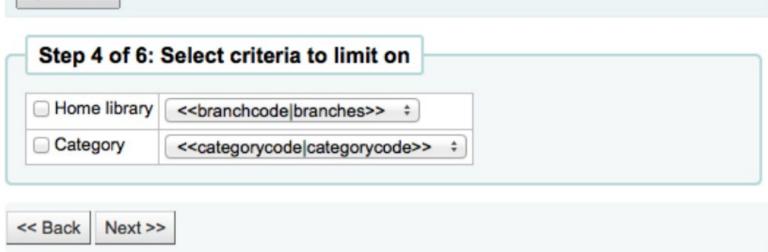
Step 3 of 6: Select columns for display

Note: Be careful selecting when selecting columns. If your choice is too broad it could result in a very large report that will either not complete



#### Add Custom Report

- Step 4: Choose any limits you might want to apply to your report (such as item types or branches)
- ► If you don't want to apply any limits, simply click Next instead of making an optic → New →



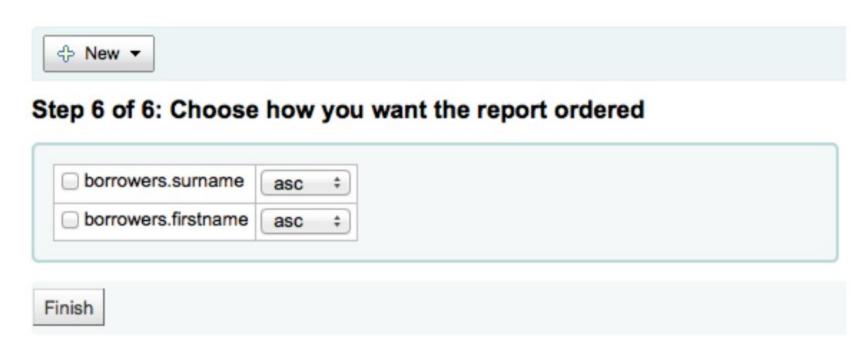
#### Add Custom Report

Step 5: Perform math functions. If you don't want to do any calculations, simply click Next instead of making an option



#### Add Custom Report

Step 6: Choose data order. If you want the data to print out in the order it's found in the database, simply click Finish



#### Add Custom Report- Finished

- When you are finished you will be presented with the SQL generated by the report wizard
- From here you can choose to save the report by clicking 'Save' or copy the SQL and make edite to it by hand

#### Confirm custom report

Your report will be generated with the following SQL statement. SELECT borrowers.surname,borrowers.firstname FROM borrowers You will need to save the report before you can execute it



♣ New ▼

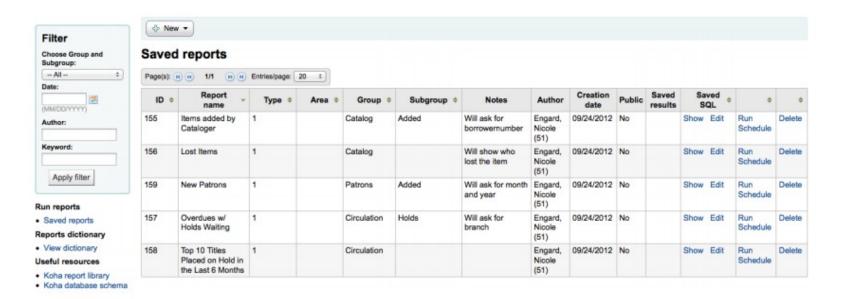
#### Add Custom Report- Finished

If you choose to save the report you will be asked to name your report and enter any notes regarding it

Save your custo	m report
Report name:	
Notes:	
Save Report	

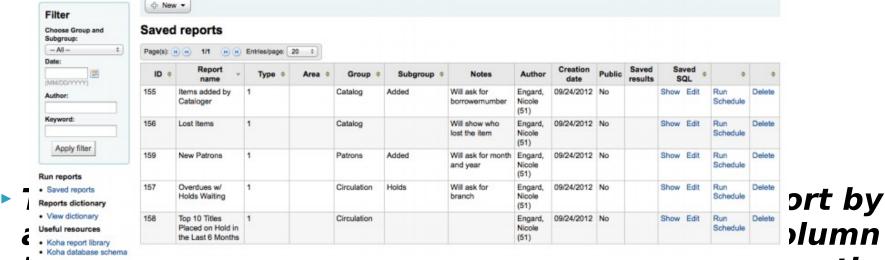
#### Add Custom Report- Finished

Once your report is saved it will appear on the 'Use Saved' page with all other saved reports



#### Edit Custom Report

Every report can be edited from the reports lists. To see the list of reports already stored in Koha, click 'Use Saved'



header. You can also filter your filter menu on the left

results using the

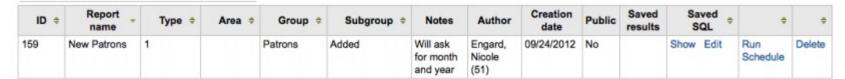
#### Edit Custom Report

From this list you can edit any custom report by clicking 'Edit SQL'

Edit SQL report	
Report name:	New Patrons
Report group:	Patrons ‡
Report subgroup:	Added ‡
Report is public:	No (default) ‡
Notes:	Will ask for month and year
ROM borrowers W	

#### Running Custom Report

Once custom reports are saved to Koha, you can run them by going to the Saved Reports page and clicking the Run link to the right of the report



► When you report runs you will either be asked for som Enter parameters for report New Patrons:

Month enrolled (mm):	
Year enrolled (yyyy):	
Run the report	

#### Running Custom Report

or you will see the results right away

#### **New Patrons**

Will ask for month and year

Total number of rows matching the (unlimited) query is 3.

SELECT branchcode, categorycode, COUNT(\*)
FROM borrowers WHERE MONTH(dateenrolle

FROM borrowers WHERE MONTH(dateenrolled) = '02' AND YEAR(dateenrolled) = '2011' GROUP BY branchcode, categorycode

ORDER BY branchcode

branchcode	categorycode	COUNT(*)		
FFL	J	2		
NIC	PT	1		
NIC	S	1		

Download the report: Comma separated text 

Download

be opened by any spreadsheet application

#### Some Examples of SQL for Custom Reports

Books added in the past 30 days, not including any with a Not for Loan status of On Order (helpful for creating a New Books List)

SELECT items.dateaccessioned,items.itemcallnumbe r,biblio.title,biblio.author FROM items LEFT JOIN biblio on (items.biblionumber=biblio.biblionumber) WHERE items.itype='BOOK' and DATE\_SUB(CURDATE(),INTERVAL 30 DAY) <=items.dateaccessioned and items.location = "NEW" and ites.notforloan! = -1 ORDER BY biblio.title asc

Some Examples of SQL for Custom Reports

Books On Order

SELECT items.dateaccessioned,items.item callnumber,biblio.title,biblio.author FRO M items LEFT JOIN biblio on (items.biblionumber=biblio.biblionumber) WHERE items.itype='BOOK' and items.no tforloan = -1 ORDER BY biblio.title asc

#### Some Examples of SQL for Custom Reports

Overdues -- 2 weeks

.author

- SELECT borrowers.surname, borrowers.firstname, borro wers.email, borrowers.phone, borrowers.guarantorid, issues.date\_due, (TO\_DAYS(cur date())-TO\_DAYS(date\_due)) AS 'days\_overdue', items.itemcallnumber, items.barcode, biblio.title, biblio
  - FROM borrowers JOIN issues ON (borrowers.borrowernumber=issues.borrowernumber)
  - JOIN items ON (issues.itemnumber=items.itemnumber)
    JOIN biblio ON (items.biblionumber=biblio.biblionumber
    ) HAVING days\_overdue between 14 and 20 ORDER BY
    borrowers.surname, issues.date\_due

#### Some Examples of SQL for Custom Reports

Overdues -- 6 weeks

```
SELECT borrowers.surname, borrowers.firstname, borrowers
 .cardnumber, borrowers.email, borrowers.phone,
 borrowers.guarantorid,
 issues.date due, (TO DAYS(curdate())-
 TO DAYS(date due)) AS 'days overdue', items.itemcallnum
 ber, items.barcode, biblio.title, biblio.author
 FROM borrowers JOIN issues ON (borrowers.borrowernumb
 er=issues.borrowernumber) JOIN items ON
 (issues.itemnumber=items.itemnumber) JOIN biblio ON
 (items.biblionumber=biblio.biblionumber)
 WHERE (TO DAYS(curdate())-TO DAYS(date due)) between
 42 and 48 ORDER BY borrowers.surname, issues.date due
```

#### Some Examples of SQL for Custom Reports

#### Overdues with holds

```
SELECT borrowers.surname, borrowers.firstname, borrowers.ph
 one, borrowers.phonepro, issues.date due,
 items.itemcallnumber, items.barcode, biblio.title,
 CONCAT('<ahref=\"/cgi-bin/koha/circ/circulation.pl?
 borrowernumber=',reserves.borrowernumber,'\">',reserves.b
 orrowernumber,'</a>') AS 'On hold for' FROM issues LEFT JOIN
 borrowers ON
 (borrowers.borrowernumber=issues.borrowernumber)
 LEFT JOIN items ON (issues.itemnumber=items.itemnumber)
 LEFT JOIN biblio ON (items.biblionumber=biblio.biblionumber)
 LEFT JOIN reserves ON (items.biblionumber=reserves.biblionu
 mber) where items.biblionumber=reserves.biblionumber AND
 (TO DAYS(curdate())-TO_DAYS(date_due)) >= '1' ORDER BY
 issues.date due asc, borrowers.surname ASC
```

- Custom Reports
- Circulation Reports
- Statistics Reports
- Reports Dictionary

- Most reports can be found via the Reports module, but some of the more common circulation reports are available right from the Circulation module
  - Circulation > Circulation reports
  - Holds Queue
  - OHolds to pull
  - Holds awaiting pickup
  - OHold ratios
  - Overdues

#### Holds Queue

- This report will show you all of the holds at your library
- To generate this report, you must have the Build Holds Queue cron job running. This cron job is a script that should be run periodically if your library system allows borrowers to place on-shelf holds
- This script decides which library should be responsible for fulfilling a given hold request

# KOHA: Reports Holds Queue

#### **Holds Queue**

#### 23 items found for SFL

Title	Collection	Call Number	Barcode	Patron	Send To	Date
Sepulchre  Mosse, Kate, Penguin Audio, , , 2008 : 16 sound discs (20 hr., 30 min.) : 4 3/4 in. ISBN: 9780143143178   0143143174 :		AUDIOBOOK COM FIC MOSSE	Any available copy	<u>Sutton, Robin</u> (22373000072368) 802-253-5104	SFL	09/24/2009
Uncrowned king : Weintraub, Stanley, Free Press, , 1997 : xvii, 478 p. : 24 cm. ISBN: 0684834863		BIO B ALBERT	Any available copy	Testfamily, Kid (2345)	SFL	10/19/2009
The lost: Mendelsohn, Daniel Adam, HarperCollins Publishers, , 2006: 512 p.: 24 cm. ISBN: 0060542977:		BIO B MENDELSOHN	Any available copy	Matalon, Ilse (22373000012042) (802)253-4801	SFL	09/22/2009
Red and me : Russell, Bill, Harper, , 2009 : xvi, 187 p., [8] p. of plates : 22 cm. ISBN: 9780061766145		BIO B RUSSELL	Any available copy	FIX, CATALOG (22373000130018)	SFL	09/24/2009

#### Holds to Pull

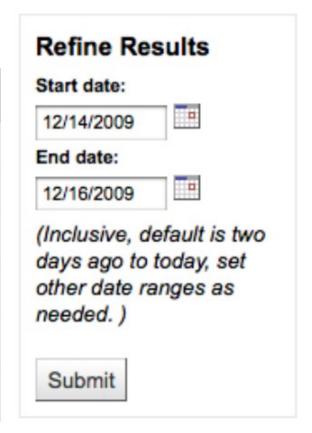
- This report will show you all of the items that have holds on them that are available at the library for pulling
- You can limit the results you see by using the Refine box on the left side of the page

# KOHA: Reports Holds to Pull

#### Pending holds placed between 12/01/2008 and 12/16/2009 Reported on 12/16/2009

The following holds have not been filled. Please retrieve them and check them in.

Pull This Many Items	Items Available	Patrons with \$ Holds	Title -	Libraries \$	Available Call \$ Numbers	Available Itypes	Available Locations	Earliest Hold Date
2	2	2	The Hunger Games /	SFL	TEE COL	воок	TEEN	09/22/2009 in SFL
1	1	2	Eclipse /	SFL	TEE MEY	воок	TEEN	09/22/2009 in SFL
1	1	1	Mad men, Season 1, disc 3.	SFL	DVD MAD	FILM	DVD	09/24/2009 in SFL
1	1	1	Monarch of the glen, season 5, disc 1.	SFL	DVD MONARCH	FILM	DVD	09/28/2009 in SFL
1	1	1	Monarch of the glen, season 5, disc 2.	SFL	DVD MONARCH	FILM	DVD	09/28/2009 in SFL
1	1	1	Monarch of the glen, season 5, disc 3.	SFL	DVD MONARCH	FILM	DVD	09/28/2009 in SFL



#### Holds awaiting pickup

This report will show all of the holds that are waiting for patrons to pick them up

Holds awaiting pickup for your library on: 08/23/2012 View all libraries



#### Holds ratios

- Hold ratios help with collection development
- Using this report you will be able to see how many of your patrons have holds on items and whether you should buy more. (By default it will be set to the library needing 3 items per hold that has been placed)
- The report will tell you how many additional items need to be purchased to meet this quota

# KOHA: Reports Holds ratios

#### Hold Ratios to Calculate Items Needed

Calculated on 12/16/2009. From 12/16/2008 to 12/16/2009

These items have a hold ratio ≥ 3.

Reserves	Items +	Hold Ratio *	Title \$	Holding Libraries \$	Location +	Itype \$	Call Numbers *	Items Needed
3	1	3.00	A gate at the stairs :	SFL	FIC	воок	FIC MOORE	1 to order
4	1	4.00	Alex Cross's trial /	SFL	FIC	воок	FIC PATTERSON	1 to order
4	1	4.00	The defector	SFL	FIC	воок	FIC SILVA	1 to order
5	1	5.00	The elegance of the hedgehog / "French Voices"P. 4 of cover.	SFL	FIC	воок	FIC BARBERY	1 to order
6	2	3.00	Catching fire	SFL	TEEN	воок	TEE COL	1 to order
6	1	6.00	True compass :	SFL		воок	B KENNEDY   B KENNEDY	2 to order

#### **Overdues**

- This report will list all items that are overdue at your library
- For libraries with a large patron base, this report may take a significant amount of time to run.
- Large libraries can choose to filter the report before it runs by setting the FilterBeforeOver-dueReport system preference to 'Require'.
- The report can be filtered using the menu options found on the left of the report

# KOHA: Reports Overdues

#### Filter on: Date due: From: To: Name or cardnumber: Patron category: Any Patron flags: None Driver's License: Home Branch: Item type: Any Library of the patron: Any Sort by: Show any items currently checked out: Apply filter

14 Items overdue as of 11/28/2012 03:15 (Filtered. Reset filter)

Download file of displayed overdues

Due date	Patron	Library	Title	Barcode	Call number
09/28/2011 00:00	Charles Lisa ((212) 555-1212)	MPL	Fool Moon (The Dresden Files, Book 2)., by Butcher, Jim.	60479690	
03/30/2012 23:59	Engard Coda [email] (555.111.2345)	FFL	My sister's keeper:, by Picoult, Jodi,	100002	PS3566.I372 M9 2005
05/25/2012 23:59	Alford Jordan ((212) 555-1212)	MPL	Harry Potter and the deathly hallows , by Rowling, J. K.	100021	PZ7.R79835 Hajd 2007b
05/25/2012 23:59	Alford Jordan ((212) 555-1212)	MPL	Harry Potter and the prisoner of Azkaban / , by Rowling, J. K.	100027	PZ7.R79835 Ham 1999
06/29/2012 23:59	Engard Brian [email] (555.111.2345)	NIC	An education : , by Hornby, Nick.	72387022	
06/30/2012 23:59	Edwards Casey ((212) 555-1818)	MPL	Harry Potter and the deathly hallows / , by Rowling, J. K.	19924654	PZ7.R79835 Hak 2007
07/02/2012 23:59	Edwards Casey ((212) 555-1818)	MPL	Harry Potter and the deathly hallows / , by Rowling, J. K.	100024	PZ7.R79835 Hak 2007
07/03/2012 23:59	Engard Beau [email] (555.111.2345)	FFL	Audiovisual librarianship; , by Shores, Louis,	31619000163907	Z717 .S47
07/09/2012 23:59	Engard Brian [email] (555.111.2345)	NIC	The tenth circle / , by Picoult, Jodi,	100001	PS3566.I372 T46 2006b
08/12/2012 23:59	Burns Sal	NIC	Harry Potter and the prisoner of Azkaban , by Rowling, J. K.	100019	PZ7.R79835 Ham 2000
08/24/2012 23:59	Cherry Lillie ((212) 555-1212)	MPL	The tenth circle / , by Picoult, Jodi,	323212	PS3566.I372 T46 2006b
09/12/2012 23:59	Engard Nicole [email] (555.111.2345)	NIC	Harry Potter and the deathly hallows , by Rowling, J. K.	2345043236	PZ7.R79835 Hajo 2007b
10/13/2012 00:00	Schneider Nicole ((212) 555-1212)	FRL	Library mashups :	3160778983	Z674.75.W67 L52 2009
10/24/2012 23:59	Engard Nicole [email] (555.111.2345)	NIC	The pact : , by Picoult, Jodi,	100010	PS3566.I372 P3 2006

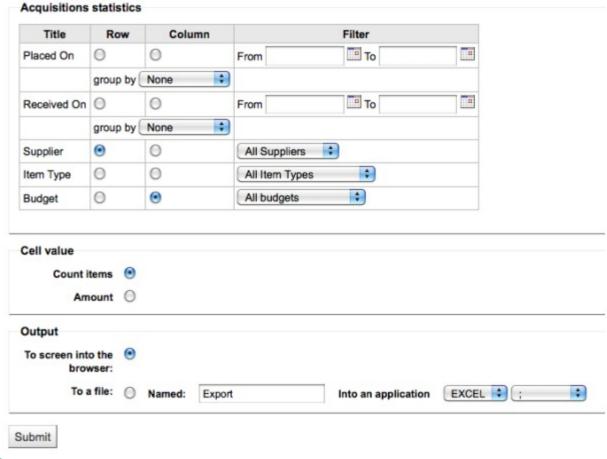
- Custom Reports
- Circulation Reports
- Statistics Reports
- Reports Dictionary

Statistic reports will show you counts and sums. These reports are all about numbers and statistics, for reports that return more detailed data, use the Guided Report Wizard

These reports are limited in what data they can look at, so it's often recommended to use custom reports for official end of the year statistics

#### Acquisitions Statistics

Using the form provided, choose which value you would like to appear in the Column and which will appear in the Row



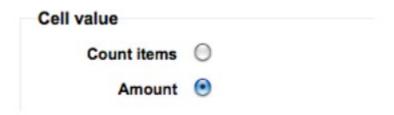
#### Acquisitions Statistics

If you choose to output to the browser your results will print to the screen

#### **Acquisitions statistics**

aqbooksellers.name / aqbudgets.budget_code	CHILD	GEN	REF	TOTAL
Baker & Taylor		2	9	11
Borders	8	3		11
TOTAL	8	5	9	22

- You can also choose to export to a file that you can manipulate to your needs.
- When generating your report, note that you get to choose between counting or summing the values



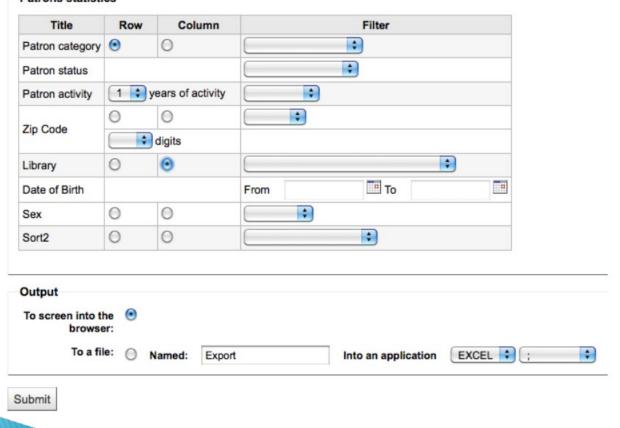
#### Acquisitions Statistics

Choosing amount will change your results to appear as the sum of the amounts spent

aqbooksellers.name / aqbudgets.budget_code	CHILD	GEN	REF	TOTAL
Baker & Taylor		24.98	365.1	390.08
Borders	80	66.99		146.99
TOTAL	80	91.97	365.1	537.07

#### **Patron Statistics**

Choosing amount will change your results to appear as the sum of the amounts statistics



#### **Patron Statistics**

- If you choose to output to the browser your results will print to the screen
- Based on your selections, you may see some query information above your results table. You can also choose to export to a file that you can manipulate to your needs

#### Patrons statistics

Filtered on

Branches = CPL FFL FPL FRL IPT LPL MMM MPL PVL RPL SPL TPL UPL

(line, column) = (categorycode,branchcode)

%cathash = Board (B), Employee (EMP), Home Bound (HB), Inter-Library Loan (IL), In House (INHS), Juvenile (J), Kid (K), Library (L), Patron (PT), Staff (S), School (SC), Student (ST), Teacher (T), Young Adult (YA)

Query = SELECT distinctrow categorycode FROM borrowers WHERE categorycode IS NOT NULL order by categorycode

Query = select distinctrow branchcode from borrowers where branchcode is not null order by branchcode

Query = SELECT categorycode, branchcode, count( \* ) FROM borrowers WHERE 1 group by categorycode, branchcode

categorycode / branchcode	FPL	FRL	MPL	PVL	SPL	TOTAL
Employee (EMP)	1					1
Inter-Library Loan (IL)		1				1
In House (INHS)			1			1
Juvenile (J)			1		3	4
Kid (K)		1	2			3
Patron (PT)	2	3	9		10	24
Staff (S)	2		2		3	7
Student (ST)		3	3		1	7
Teacher (T)		1	1	1	3	6
Young Adult (YA)			1		2	3
TOTAL	5	9	20	1	22	57

# Catalog Statistics

Using the form provided, choose which value you would like to appear in the Column and which will appear in the Row

Based on your selections, you may see some query information above your results table. You can also choose

to export to a file

0	0	From	1	Го
	characters			
•	0		<b>\$</b>	
0	0			
0	0	From	1	Го
0	0			)
0	0		•	
0	0			
		like 💠		(use * to do a fuzzy search)
Name	d: Export		Into an application	n: EXCEL ; ;
-	0 0 0 0 0	0 0 0 0 0 0 0 0	O O From O O O O O O O O O O O O O O O O O O O	From  From  Iike

#### **Catalog Statistics**

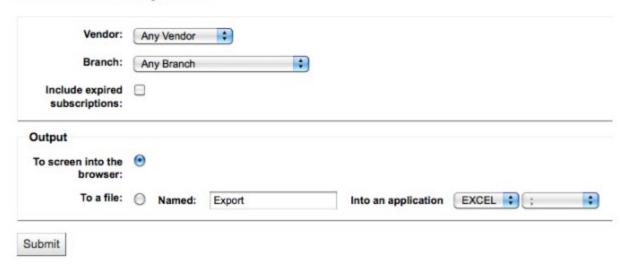
- If you choose to output to the browser your results will print to the screen
  - You can also choose to export to a file that you can manipulate to your needs

#### Catalog statistics

items.itype / items.homebranch	CPL	FFL	FPL	FRL	LPL	MMM	MPL	PVL	RPL	SPL	TPL	TOTAL
BK	20	1	48		1	228	5	2	4	31	1	341
CR			10							4		14
Donated by	1		1			1	1					4
MU	1		3				1			4		9
REF			3	2								5
REF-BK						24						24
VID						5						5
VM			8				1		1	13		23
NULL	1											1
TOTAL	23	1	73	2	1	258	8	2	5	52	1	426

#### **Serial Statistics**

- Using the form provided, choose how you would like to list the serials in your system
  - o Based on your selections, you may see some query information above your results table. You can also choose to export to a file that you can manifely that you can also shows to export to a file that you can manifely that you can also shows to export the file that you can manifely that to you can also shows to export the file that you can manifely that the your can be also shows to export the file that you can manifely that the your can be also shows to export the file that you can be also shows to export the file that you can be also shows to export the file that you can be also shows to export the file that you can be also shown to be also shows to export the file that you can be also shows to export the file that you can be also shows to export the file that you can be also shows to export the file that you can be also shows to export the file that you can be also shows to export the file that you can be also shows to export the file that you can be also shows to export the file that you can be also shown to be also shows the file that you can be also shows to export the file that you can be also shows that you can be also shows the file that you can be also shown that you can be also shows the file that you can be also shows the f



#### **Serial Statistics**

- If you choose to output to the browser your results will print to the screen
  - You can also choose to export to a file that you can manipulate to your needs

#### Serials subscriptions

Bookseller \$	Title \$	Subscription †	Branch +	Callnumber +	Subscription   Begin	Subscription +
	Computers in libraries.	1	FPL	MAG	01/15/2009	01/15/2010
	Computers in libraries.	2	LPL		01/01/2009	01/01/2010
Baker & Taylor	Library mashups :	3	PVL		12/15/2009	12/14/2010

#### Other Statistics Reports

► As above, generate various Statistics Reports (like Acquisitions, Patron, Catalog, Serial), same way generate other Statistics Reports as Circulation Statistics, Holds Statistics, Patrons with the most checkouts, Most Circulated Items, Patrons with no checkouts, Average Loan Time etc

- Custom Reports
- Circulation Reports
- Statistics Reports
- Reports Dictionary

# **KOHA**: Reports Dictionary

The report dictionary is a way to predefine common filters you'd like to apply to your reports

This is a good way to add in filters that the report wizard doesn't include by default

Add a new definition

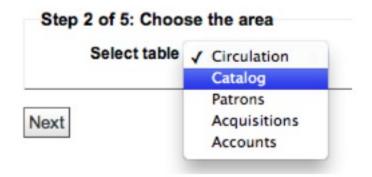
To add a new definition, or filter, click 'New Definition' on the Reports Dictionary page and follow the 4 step process:

Step 1: Name the definition and provide a description if nacessary

Definition Name:	Info Today Publications
Definition Description:	
	//

Add a new definition

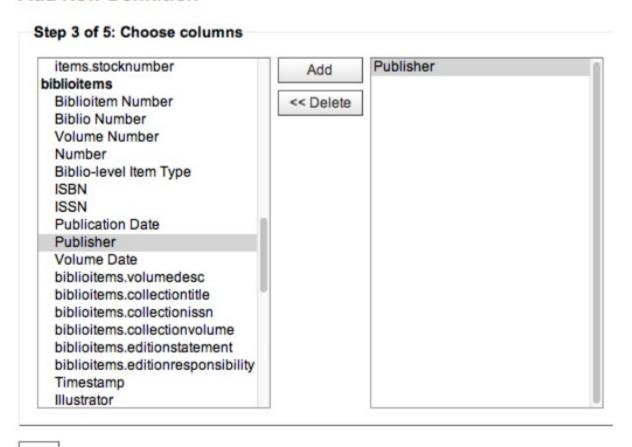
Step 2: Choose the module that the will be queried.
Add New Definition



Step 3: Choose columns to query from the tables presented.

#### Add a new definition

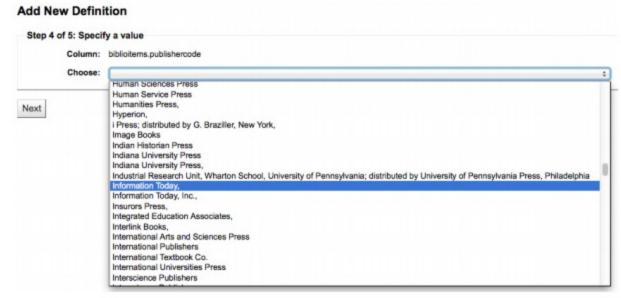
#### Add New Definition



Next

#### Add a new definition

Step 4: Choose the value(s) from the field(s). These will be automatically populated with options available in your database



#### Add a new definition

Confirm your selections to save the definition Add New Definition



Your definitions will all annear on the Reports Dictic Dictionary
Use the dictionary to define custom criteria for reporting.

#### Current Terms

Name	Description	Area	Definition	
zip		Patrons	AND borrowers.zipcode='44236'	Delete Definition
last name		Patrons	AND borrowers.surname='en%'	Delete Definition
testing2		Circulation	AND borrowers.dateofbirth >= "2011-07-17" AND borrowers.dateofbirth <= "2011-07-27"	Delete Definition
Call Number	my call number rule	Catalog	AND items.itemcallnumber='PS3566.i372 N56 2007'	Delete Definition
Info Today Publications		Catalog	AND biblioitems.publishercode='Information Today,'	Delete Definition

# Thanks