

Statistics and Reports

Koha Workshop, 29th August 2012
Stuttgart

Database Documentation

Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe

SchemaSpy - testsql_comments +

schema.koha-community.org/index.html Bugzilla

Tables Relationships Utility Tables Constraints Anomalies Columns Donate

Generated by SchemaSpy SOURCEFORGE.NET

SchemaSpy Analysis of testsql_comments

Generated by SchemaSpy on Tue May 15 13:04 NZST 2012

Database Type: MySQL - 5.5.22-0ubuntu1

XML Representation Insertion Order Deletion Order (for database loading/purging scripts)

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Comments

Table	Children	Parents	Columns	Rows	Comments
accountlines			2	15	0
accountoffsets			1	5	0
action_logs				7	0
alert				4	0
aqbasket	1	3	11	0	
aqbasketgroups	1	1	8	0	
aqbooksellers	3	2	33	0	information about the vendors listed in acquisitions
aqbudgetperiods			9	0	
aqbudgets	1		15	0	
aqbudgets_planning		1	7	0	
aqcontract		1	6	0	
aqorderdelivery			5	0	
aqorders		2	35	0	
aqorders_items			3	0	
auth_header			9	0	
auth_subfield_structure			16	0	
auth_tag_structure		1	7	0	
auth_types	1		4	0	
authorised_values			6	0	stores values for authorized values categories and values
biblio	9		12	0	table that stores bibliographic information
biblio_framework			2	0	
biblioimages		1	5	0	
bibliotitems	1	1	32	0	information related to b definitions for custom p values of custom patro
borrower_attribute_types	1		11	0	
borrower_attributes		2	4	0	
borrower_message_preferences	1	3	6	0	
borrower_message_transport_preferences	1	2	2	0	
borrowers	19	2	67	0	this table includes infor
branch_borrower_circ_rules		2	3	0	

Database schema (SchemaSpy)
<http://schema.koha-community.org>

Datei Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe

git.koha-community.org Git - koh... +

git.koha-community.org/gitweb/?p=koha.git;a=blob;f=installer/data/mysql/kohastructure.sql;h=488a4f0bd3f4d971236cc8379' Bugzilla

```
1004 --
1005 -- Table structure for table `items`
1006 --
1007
1008 DROP TABLE IF EXISTS `items`;
1009 CREATE TABLE `items` ( -- holdings/item information
1010   `itemnumber` int(11) NOT NULL auto_increment, -- primary key and unique identifier added by Koha
1011   `biblionumber` int(11) NOT NULL default 0, -- foreign key from biblio table used to link this item to the right bib record
1012   `biblioitemnumber` int(11) NOT NULL default 0, -- foreign key from the biblioitems table to link to item to additional information
1013   `barcode` varchar(20) default NULL, -- item barcode (MARC21 952$sp)
1014   `dateaccessioned` date default NULL, -- date the item was acquired or added to Koha (MARC21 952$ad)
1015   `booksellerid` mediumtext default NULL, -- where the item was purchased (MARC21 952$e)
1016   `homebranch` varchar(10) default NULL, -- foreign key from the branches table for the library that owns this item (MARC21 952$sa)
1017   `price` decimal(8,2) default NULL, -- purchase price (MARC21 952$g)
1018   `replacementprice` decimal(8,2) default NULL, -- cost the library charges to replace the item if it has been marked lost (MARC21 952$vv)
1019   `replacementpricedate` date default NULL, -- the date the price is effective from (MARC21 952$w)
1020   `datelastborrowed` date default NULL, -- the date the item was last checked out/issued
1021   `datelastseen` date default NULL, -- the date the item was last seen (usually the last time the barcode was scanned or inventory was done)
1022   `stack` tinyint(1) default NULL,
1023   `notforloan` tinyint(1) NOT NULL default 0, -- authorized value defining why this item is not for loan (MARC21 952$7)
1024   `damaged` tinyint(1) NOT NULL default 0, -- authorized value defining this item as damaged (MARC21 952$4)
1025   `itemlost` tinyint(1) NOT NULL default 0, -- authorized value defining this item as lost (MARC21 952$1)
1026   `withdrawn` tinyint(1) NOT NULL default 0, -- authorized value defining this item as withdrawn (MARC21 952$0)
1027   `itemcallnumber` varchar(255) default NULL, -- call number for this item (MARC21 952$o)
1028   `issues` smallint(6) default NULL, -- number of times this item has been checked out/issued
1029   `renewals` smallint(6) default NULL, -- number of times this item has been renewed
1030   `reserves` smallint(6) default NULL, -- number of times this item has been placed on hold/reserved
1031   `restricted` tinyint(1) default NULL, -- authorized value defining use restrictions for this item (MARC21 952$5)
1032   `itemnotes` mediumtext, -- public notes on this item (MARC21 952$ix)
1033   `holdingbranch` varchar(10) default NULL, -- foreign key from the branches table for the library that is currently in possession item (MARC21
1034   `paidfor` mediumtext,
1035   `timestamp` timestamp NOT NULL default CURRENT_TIMESTAMP on update CURRENT_TIMESTAMP, -- date and time this item was last altered
1036   `location` varchar(80) default NULL, -- authorized value for the shelving location for this item (MARC21 952$c)
1037   `permanent_location` varchar(80) default NULL, -- linked to the CART and PROC temporary locations feature, stores the permanent shelving locat
1038   `onloan` date default NULL, -- defines if this item is currently checked out (1 for yes, 0 for no)
1039   `cn_source` varchar(10) default NULL, -- classification source used on this item (MARC21 952$2)
1040   `cn_sort` varchar(30) default NULL, -- normalized form of the call number (MARC21 952$o) used for sorting
1041   `ccode` varchar(10) default NULL, -- authorized value for the collection code associated with this item (MARC21 952$8)
1042   `materials` text default NULL, -- materials specified (MARC21 952$3)
1043   `uri` varchar(255) default NULL, -- URL for the item (MARC21 952$u)
1044   `itype` varchar(10) default NULL, -- foreign key from the itemtypes table
1045   `more_subfields_xml` longtext default NULL, -- additional 952 subfields
1046   `enumchron` text default NULL, -- serial enumeration/chronology for the item
1047   `copynumber` varchar(32) default NULL, -- copy number (MARC21 952$�)
1048   `stocknumber` varchar(32) default NULL, -- inventory number (MARC21 952$�)
```

Comments in Koha's SQL files
..../installer/data/mysql/kohastructure.sql

Built-in Reports

The screenshot shows a dual-monitor setup displaying the Koha library management system. Both monitors are titled 'k Koha > Reports'. The left monitor displays the 'Reports Home' page, which includes a sidebar with 'Guided reports', 'Statistics wizards', 'Top lists', 'Inactive', and 'Other' sections, each with a list of links. The right monitor displays the 'Lost items' report page. This page features a search bar with fields for 'Enter search keywords', 'Barcode', 'Library' (set to 'BSZ-Bibliothek'), 'Item type' (set to 'All'), and 'Lost status' (set to 'All'). Below these fields is a 'Submit' button. The main content area is titled 'Lost items'.

k Koha > Reports

k Koha > Reports > Lost items

Circulation Patrons Search Cart More

BSZ-Bibliothek (Set library) kf (Log out) [?]

BSZ-Bibliothek (Set library) kf (Log out) [?]

Home > Reports > Lost items

okoha

Enter search keywords:

Check out Check in **Search the catalog**

Guided reports

- Guided reports

Statistics wizards

- Acquisitions
- Patrons
- Catalog
- Circulation
- Serials
- Holds

Top lists

- Patrons with the most checkouts
- Most-circulated items

Inactive

- Patrons who haven't checked out
- Items with no checkouts

Other

- Lost items
- Catalog by item type
- Average loan time

Order by: ---

Barcode: _____

Library: BSZ-Bibliothek

Item type: All

Lost status: All

Submit

BSZ-Bibliothek (Set library) kf (Log out) [?]

English | Deutsch

Katrin Fischer

Statistics Wizards

The screenshot shows a multi-layered web interface for Koha's Acquisitions statistics. The outermost layer is a browser window titled 'Koha > Reports' with the URL <https://staff.kopac.bsz-bw.de/cgi-bin/koha/reports/reports-home.pl>. It features a top navigation bar with tabs for Circulation, Patrons, Search, Cart, and More. Below this is a sub-navigation bar for 'Acquisitions statistics'. The inner layers show the 'Acquisitions statistics' report itself, which includes a search bar with 'Enter search keywords:' and a 'Submit' button. Below the search bar are three buttons: 'Check out', 'Check in', and 'Search the catalog', with 'Search the catalog' being highlighted. The main content area contains several sections: 'Guided reports' (with a link to 'Acquisitions'), 'Statistics wizards' (listing Acquisitions, Patrons, Catalog, Circulation, Serials, and Holds), 'Top lists' (Patrons with the most checkouts, Most-circulated items), 'Inactive' (Patrons who haven't checked out, Items with no checkouts), and 'Other' (Lost items, Catalog by item type, Average loan time). A 'Cell value' section at the bottom allows choosing between 'Count items' (selected) and 'Amount'. The interface uses a light blue and white color scheme with some green highlights for selected items.

The screenshot shows the 'Reports' section of the Koha library management system. At the top, there's a navigation bar with links for Circulation, Patrons, Search, Cart, More, BSZ-Bibliothek, Set library, Log out, and Help. Below the navigation is a search bar labeled 'Enter patron card number or partial name:' with a 'Submit' button. Underneath the search bar are three buttons: 'Check out' (highlighted in green), 'Check in', and 'Search the catalog'. A breadcrumb trail shows 'Home > Reports'. The main content area is titled 'Reports' and contains two main sections:

- Guided reports** (highlighted with an orange border):
 - Guided reports wizard
 - Build new
 - Use saved
 - Create from SQL

Reports dictionary
 - View dictionary
- Statistics wizards**
 - Acquisitions
 - Patrons
 - Catalog
 - Circulation
 - Serials
 - Holds

On the right side, there are several lists:

- Top lists**
 - Patrons checking out the most
 - Most-circulated items
- Inactive**
 - Patrons who haven't checked out
 - Items with no checkouts
- Other**
 - Items lost
 - Catalog by item type
 - Average loan time
 - Koha database schema
 - Koha reports library

At the bottom left, there are language links: English | Deutsch.

The screenshot shows the 'Reports' section of the Koha interface. On the left, there's a sidebar with 'Guided reports' (including 'Guided reports wizard', 'Build new', 'Use saved', and 'Create from SQL', with 'Create from SQL' highlighted by an orange border), 'Reports dictionary' (with 'View dictionary'), and 'Statistics wizards' (listing 'Acquisitions', 'Patrons', 'Catalog', 'Circulation', 'Serials', and 'Holds'). On the right, there are sections for 'Top lists' (listing 'Patrons checking out the most' and 'Most-circulated items'), 'Inactive' (listing 'Patrons who haven't checked out' and 'Items with no checkouts'), and 'Other' (listing 'Items lost', 'Catalog by item type', 'Average loan time', 'Koha database schema', and 'Koha reports library'). At the bottom, language links for 'English' and 'Deutsch' are visible.

k Koha > Reports +

k bsz-bw.de https://staff.kopac.bsz-bw.de/cgi-bin/koha/reports-reports-home.pl

Circulation Patrons Search Cart More ▾ BSZ-Bibliothek (Set library) | kf (Log out) | [?]

Enter patron card number or partial name:

Check out Check in Search the catalog

Home > Reports

Reports

Guided reports

- Guided reports wizard
- Build new
- Use saved
- Create from SQL

Reports dictionary

- View dictionary

Statistics wizards

- Acquisitions
- Patrons
- Catalog
- Circulation
- Serials
- Holds

Top lists

- Patrons checking out the most
- Most-circulated items

Inactive

- Patrons who haven't checked out
- Items with no checkouts

Other

- Items lost
- Catalog by item type
- Average loan time
- Koha database schema
- Koha reports library

English | Deutsch

Runtime Parameters

The screenshot shows the 'Guided reports wizard' interface in the Koha library management system. The top navigation bar includes links for Circulation, Patrons, Search, Cart, More, BSZ-Bibliothek (Set library), Log out, and Help. A search bar at the top asks for a patron card number or partial name, with 'Check out' being the active tab. Below the search bar are buttons for 'Submit', 'Check in', and 'Search the catalog'. The left sidebar contains links for Run reports (Saved reports), Reports dictionary (View dictionary), and Useful resources (Koha report library, Koha database schema). The main content area is titled 'Edit SQL report' and displays the following form fields:

Enter parameters for report Show runtime parameters:

- Itemtype: Archiv: Zeitschriftenband
- Branch: BSZ-Bibliothek
- Collection: Bibliothek
- Acquisition date after: (with a calendar icon)

At the bottom of the form are 'Update SQL' and 'Run the report' buttons. The bottom left corner of the page shows language options: English | Deutsch.

SQL benutzer_mit_gebuehren.sql

```
SELECT
  (SELECT CONCAT ('<a href="/cgi-bin/koha/members/boraccount.pl?borrowernumber=',b.borrowernumber,'>',
b.surname,', ', b.firstname,'</a>') FROM bor
  SELECT (SELECT CONCAT ('<a href="/cgi-bin/koha/
  FROM borrowers b WHERE b.borrowernumber
  (SELECT c.description FROM categories c WHERE
    (SELECT categorycode FROM borrowers b1 WHI
concat('<a href="/cgi-bin/koha/members/bora
  (SELECT count(i.itemnumber) FROM issues i WHI
FROM accountlines a, borrowers b
WHERE (SELECT sum(amountoutstanding) FROM accoun
AND a.borrowernumber = b.borrowernumber
GROUP BY a.borrowernumber ORDER BY Ausleihen, Be
```

Benutzer mit Gebühren

Listet Benutzer mit der aktuellen Gebührensumme und zeigt an, ob zur Zeit noch Medien entliehen sind.

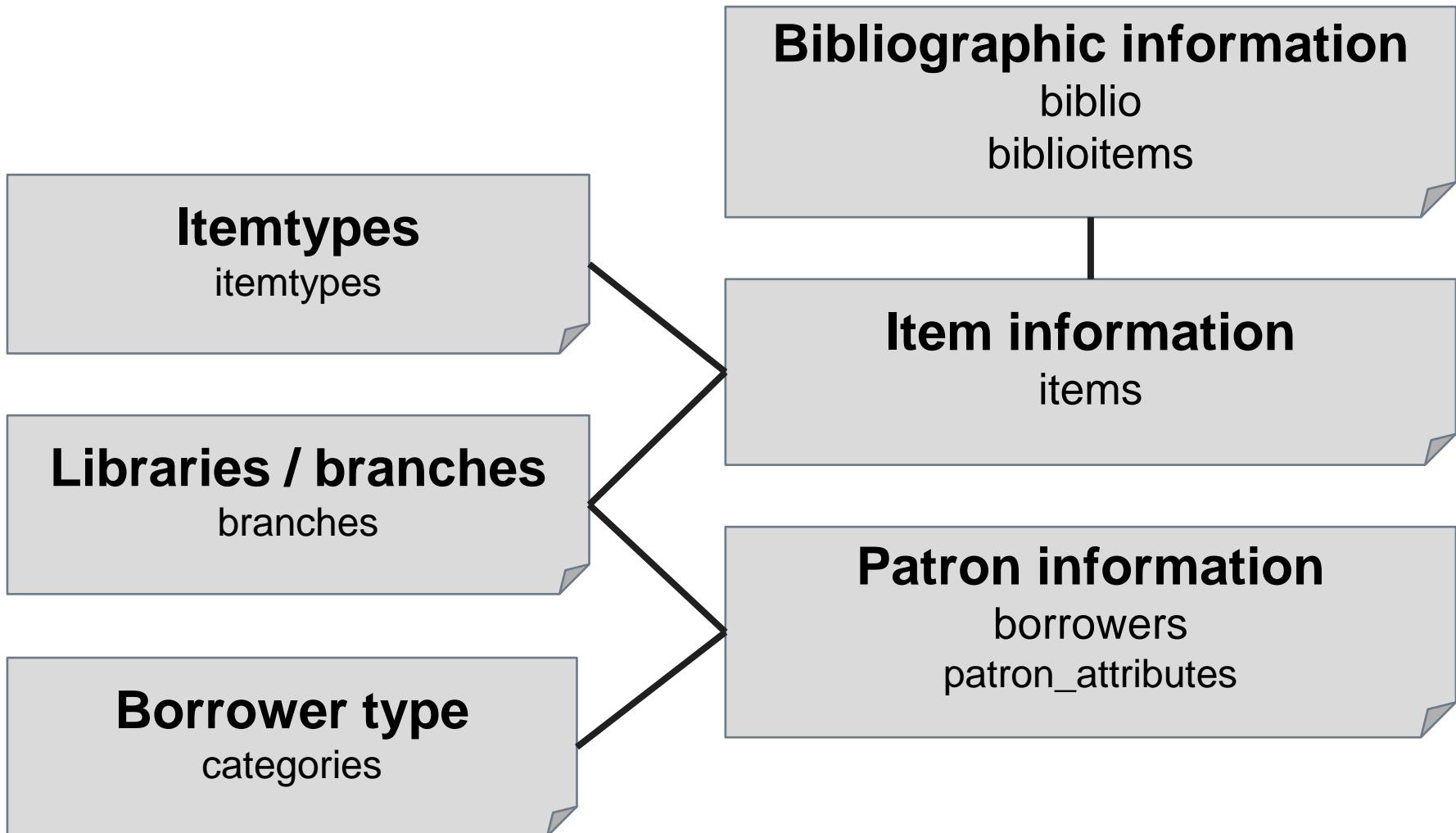
Benutzer	Benutzertyp	Summe	Ausleihen
Anonym_Maria	Student	4.50 €	0
Unbekannt_Martin	Langfristiger Gast	9.00 €	0
Anonym_Esther	Student	1.50 €	0
N.N._Emma	Student	0.50 €	0
Anonymus_Tanja	Student	4.50 €	1
Anonym_Reiner	Doktorand / Prüfling	4.50 €	1
Anonym_Julia	Student	22.50 €	5
Niemand_Anna	Student	27.00 €	6
Anonym_Steffi	Student	1.50 €	7
Niemand_Dörte	Student	1.50 €	14
Keiner_Sebastian	Doktorand / Prüfling	1.50 €	15
Unbekannt_Janka	Doktorand / Prüfling	13.50 €	21
Anonymus_Rüdiger	Doktorand / Prüfling	2.00 €	34

Report herunterladen:

k http://localhost:8080/vc/report?id=3 +

[["La population du Limousin /", "Larivière, Jean-Pierre", "1975"], ["Selezioni da: I vespri siciliani, Simon Boccanegra, Un ballo in maschera, La forza del destino, Don Carlo, Aida, Falstaff", "Verdi, Giuseppe", "2000"], ["Banquiers négociants et manufacturiers parisiens : ", "Bergeron, Louis", "1975"], ["Complete String Quartets", "Beethoven, Ludwig van", "1994"], ["Great Pianists of the 20th Century", "Rubinstein, Artur", "1999"], ["Ein Heldenleben", "Strauss, Richard", "1997"], ["Haydn-Edition", "Haydn, Joseph", "2008"], ["International law", "Hyde, Charles Cheney", "1922"], ["Histoire du droit des gens et des relations internationales", "Laurent, François", "1850"], ["Don Quijote und Sancho Pansa : ", "Portmann, Adolf", "1964"], ["Die Sprache und Literatur der Angelsachsen im Spiegel der deutschen Universitätsschriften 1885 - 1950 : ", "Mummendey, Richard", "1954"], ["Heinrich August Neithardt /", "Thomas, Max", "1959"], ["Die morgenlaendischen und abendlaendischen Kulturformen in alter Zeit vom metaphysischen Standpunkte aus gesehen /", "Nishida, Kitarō", "1940"], ["Dynamische Zusammenhänge in der Psychologie /", "Köhler, Wolfgang", "1958"], ["Die verwirklichte Demokratie : ", "Bogner, Hans", "1930"], ["Die Victoria von Calvatone /", "Schröder, Bruno", "1907"], ["Griechische Bronzearme im Berliner Antiquarium /", "Schröder, Bruno", "1914"], ["Untersuchungen zum Isokratenstext : ", "Seck, Friedrich", "1965"], ["Der Musenkrieg : ", "Bierbaum, Otto Julius", "1907"], ["Das Tier als soziales Wesen /", "Portmann, Adolf", "1962"], ["Marathon : ", "Heym, Georg", "1956"], ["Einführung in die vergleichende Morphologie der Wirbeltiere /", "Portmann, Adolf", "1965"], ["E. T. A. Hoffmanns sämtliche Werke : historisch-kritische Ausgabe ... von Carl Georg von Maassen.", "Hoffmann, Ernst T. A.", "1910"], ["E. T. A. Hoffmanns sämtliche Werke : historisch-kritische Ausgabe ... von Carl Georg von Maassen.", "Hoffmann, Ernst T. A.", "1912"], ["Tarnung im Tierreich /", "Köhler, Wolfgang", "1963"], ["On the Psychology of the Wolf", "Köhler, Wolfgang", "1968"], ["Translationen /", "Köhler, Wolfgang", "1969"], ["Biologische Fragen", "Köhler, Wolfgang", "1969"], ["Mythologie und Gesellschaft im Exil", "Köhler, Wolfgang", "1969"], ["Adolf", "1960"], ["Johannis Chrysostomus", "Rudolf", "1943"], ["Gemeinschaft und Widerstand", "Werfel, Franz", "1941"], ["Entlässt", "Werfel, Franz", "1941"], ["Wesen /", "Portmann, Adolf", "1969"]]

- JSON
- can be cached
- can be public or restricted
- can be used to build pretty things



Bibliographic information

biblio
biblioitems



Bibliographic information

deletedbiblio
deletedbiblioitems

Item information

items



Item information

deleteditems

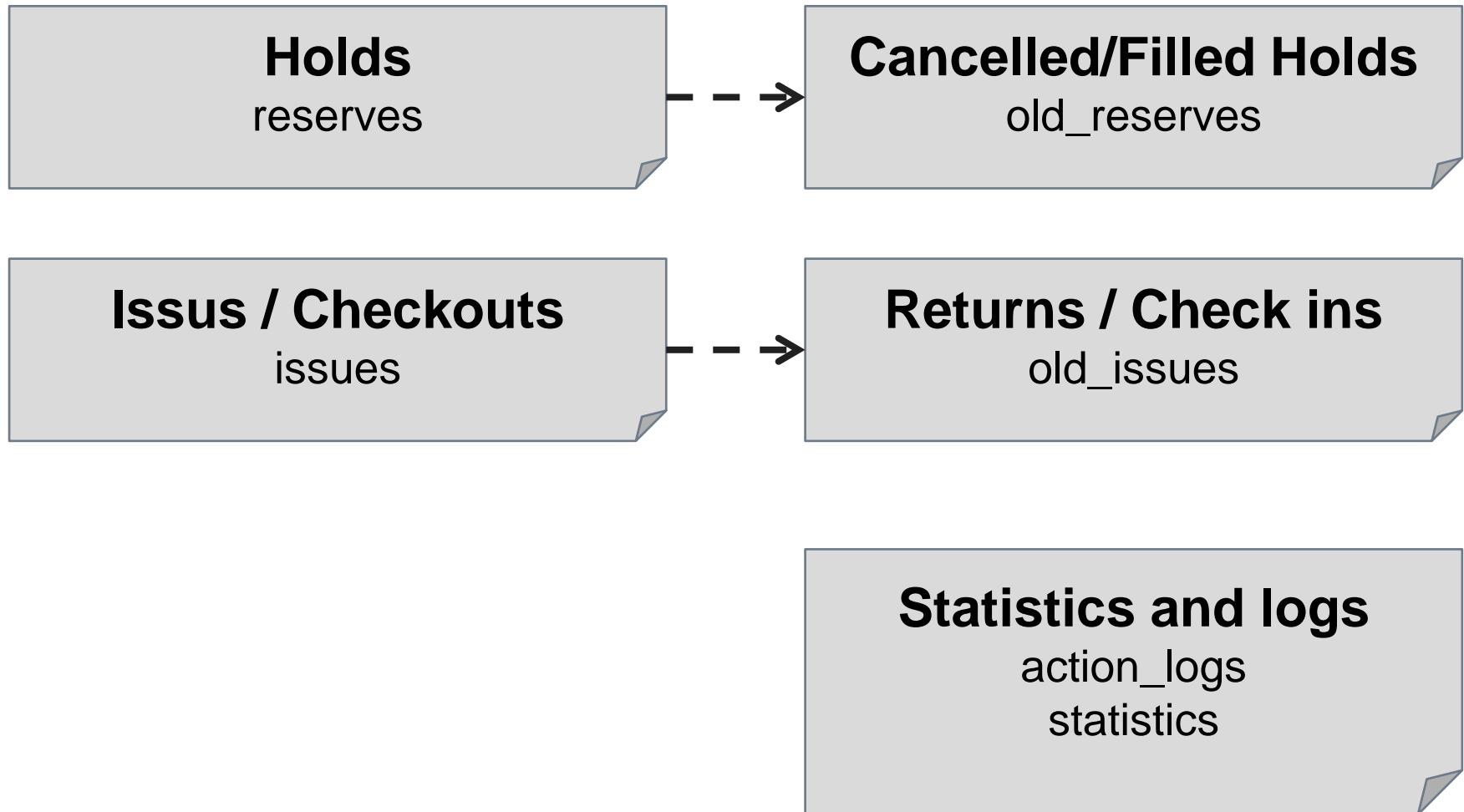
Patron information

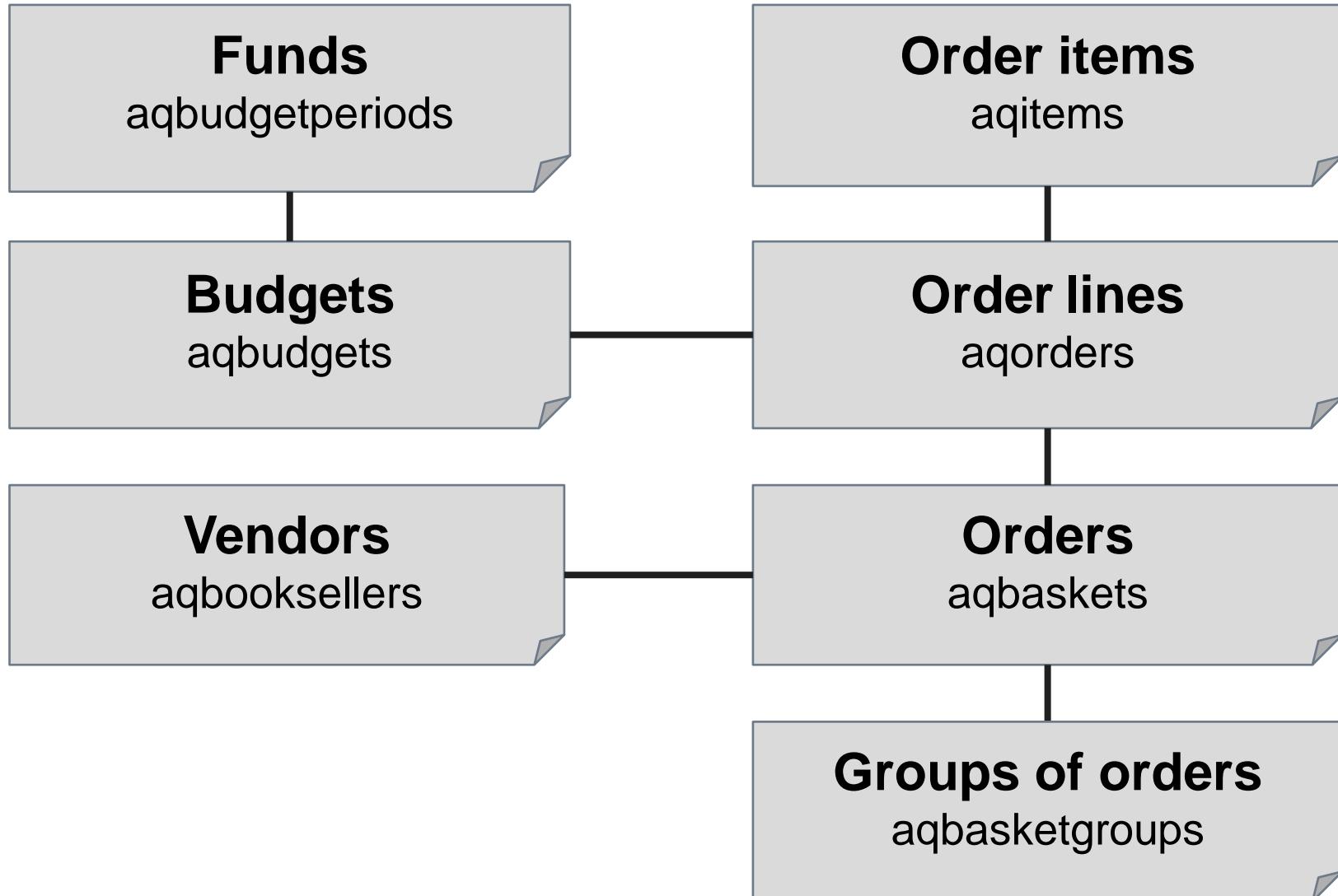
borrowers
patron_attributes



Patron information

deletedborrowers
-





SQL Reports Library

Deine Bearbeiten Ansicht Chronik Lesezeichen Extras Hilfe

SQL Reports Library - Koha Wiki +

wiki.koha-community.org/wiki/SQL_Reports_Library

Log in / create account Bugzilla Login / Create Account with OpenID

page discussion view source history

SQL Reports Library

Home > Documentation
Home > Documentation > Tips & Tricks
SQL Reports Library

The following SQL statements have been written by Koha users world-wide. Keep in mind that not all reports have been tested and should be read thoroughly before applying them to your own system.

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- 1 SQL Reports
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 - 1.1.2 Query MARC
 - 1.1.3 Runtime Parameters
 - 1.2 SQL Report Summary Template
 - 1.2.1 Report Title
 - 1.3 Holds
 - 1.3.1 Duplicate Holds
 - 1.3.2 List of Patrons with Holds Awaiting Pickup
 - 1.3.3 Count of hold filled by another branch
 - 1.3.4 List of all Patrons from a Single Branch with open Hold Requests
 - 1.3.5 List of all items currently on loan to another library
 - 1.3.6 List of all items currently borrowed from another library
 - 1.3.7 Holds placed in date range
 - 1.3.8 Holds filled in date range
 - 1.3.9 Monthly holds placed by branch
 - 1.3.10 Monthly
 - 1.3.11 Monthly
 - 1.3.12 Overdu
 - 1.3.13 Top 10
 - 1.3.14 Holds t

SQL Reports Library

http://wiki.koha-community.org/wiki/SQL_Reports_Library

search

Go Search

koha links

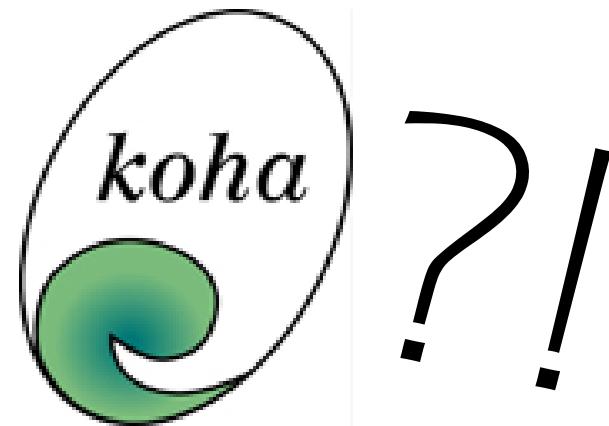
- Official Koha Site
- Koha Manuals
- Koha Newsletter

navigation

- Wiki Home
- Categories
- Advanced search
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categories

- About Koha
- Participation
- Development
- Documentation
- Koha Versions
- Koha & Git
- Koha Conferences
- Legal Matters



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