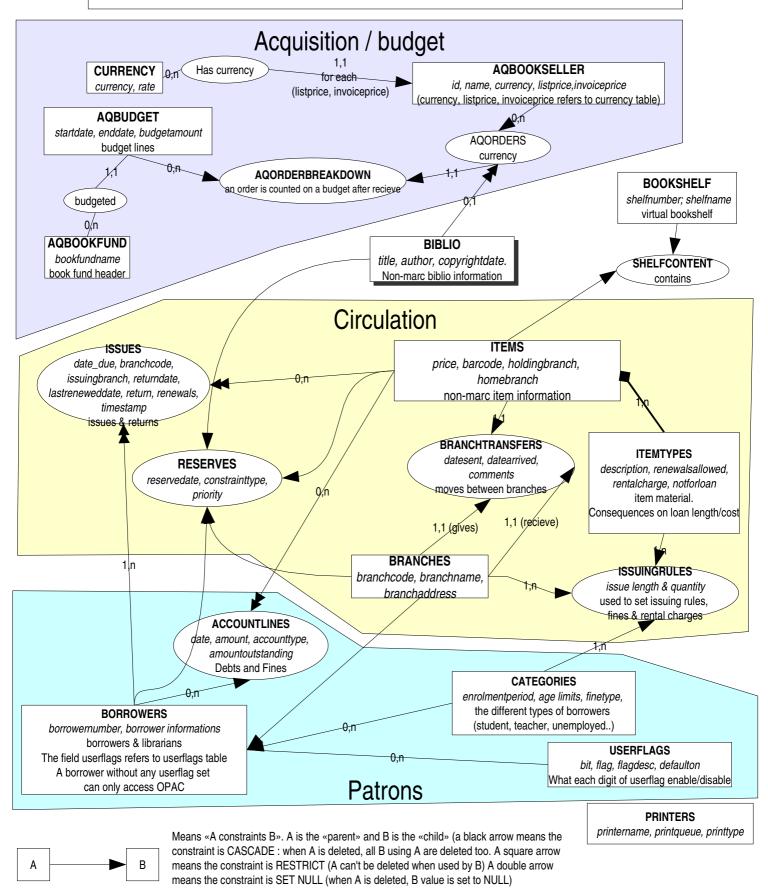
Koha 3.0 DB schema (1/2) patrons / acquisition / circulation / budget management

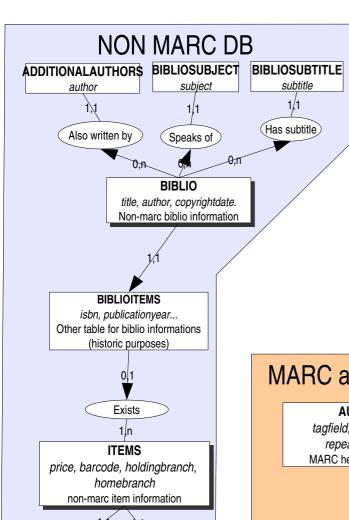


DROPABLE TABLES ???

accountoffset, aqorderdelivery, branchcategories & branchrelations (they are retrieved in Koha.pm, but it seems they are not use)

KOHA: DB structure Author: Paul POULAIN, 25/01/2006

Koha 3.0 DB schema (2/2) catalogue management





AUTH HEADER

tagfield, liblibrarian, libopac, repeatable, mandatory MARC header for each authority

1 n

AUTH SUBFIELD TABLE

authid (authority #)

tag_indicator (2 digits)

tagorder & subfieldorder (for ordering)

subfieldcode (1 digit), subfieldvalue (value)

valuebloblink (link to marc_blob if value >255 char)
marc subfields for authorities are stored here



AUTH WORD

contains an entry for each word in marc_subfield_table.subfieldvalue. Used for indexing purposes. No stopwords here

AUTHORISED_VALUES

category, authorised_value, lib.
A category may be connected to
MARC_SUBFIELD_STRUCTURE. The MARC editor
shows the lib and stores the authorised value in the DB

The DB contains some datas twice : in the MARC DB and in the non-MARC DB.

Koha supports (virtually) any MARC flavor with this DB:

- the non-MARC DB contains the most important fields in a column with a name not depending of the marc flavor.
- The MARC DB contains all the marc fields.

Has in shelves

BRANCHES

branchcode, branchname,

branchaddress

- The marc_xx_structure tables contains the meaning of each marc field/subfield and the link between some marc subfields and non-marc tables.
- A marc field can be linked to a any field from the following tables: biblio, biblioitems, items, additionalauthors, bibliosubject, bibliosubtitle.

For example : the marc subfield 200\$a is mapped to « biblio.title » in UNIMARC. Note that ALL biblio related subs are located in C4/Biblio.pm.

The MARC-DB also uses a marc_word table for perf. purposes: with this table all queries are indexed.

MARC biblio parameters

BIBLIO_FRAMEWORK / AUTHTYPES

The frameworks/authtypes managed



(MARCIAUTH)_TAG_STRUCTURE

tagfield, liblibrarian, libopac, repeatable, mandatory MARC structure definition



(MARCIAUTH)_SUBFIELD_STRUCTURE

tagfield, tagsubfield, liblibrarian,
libopac, repeatable, mandatory
tab (0-9: where appears in MARC editor)
authorised_value (category in table authorised_value)
thesaurus_category (category in bibliothesaurus)
value_builder (plug_in)

The (marclauth)_xx_structure tables contains the meaning of each field/subfield stored in marc_subfield_table marc* are related to biblios, auth* are related to authorities

KOHA: DB structure Author: Paul POULAIN, 25/01/2006