# Voyager® with Unicode™ Class Diagrams

This section of the documentation contains a series of diagrams that illustrate the structure of the Voyager database. Voyager's database is a relational one. The data is stored in rows and columns within a series of tables that are linked via keys.

Each table in each Diagram represents an entity (i.e., a representation of data for a particular function). The lines between the entities are the relations (i.e., how the entities are associated). The notation next to each line indicates the quantitative relationship between the tables. Figure 1 is a legend for the cardinality between the tables represented in the Diagrams.

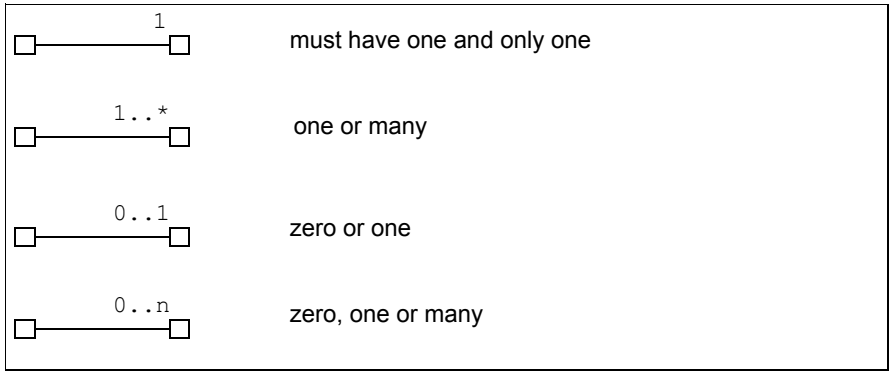


**Figure 1. Class Diagram Cardinality Legend**

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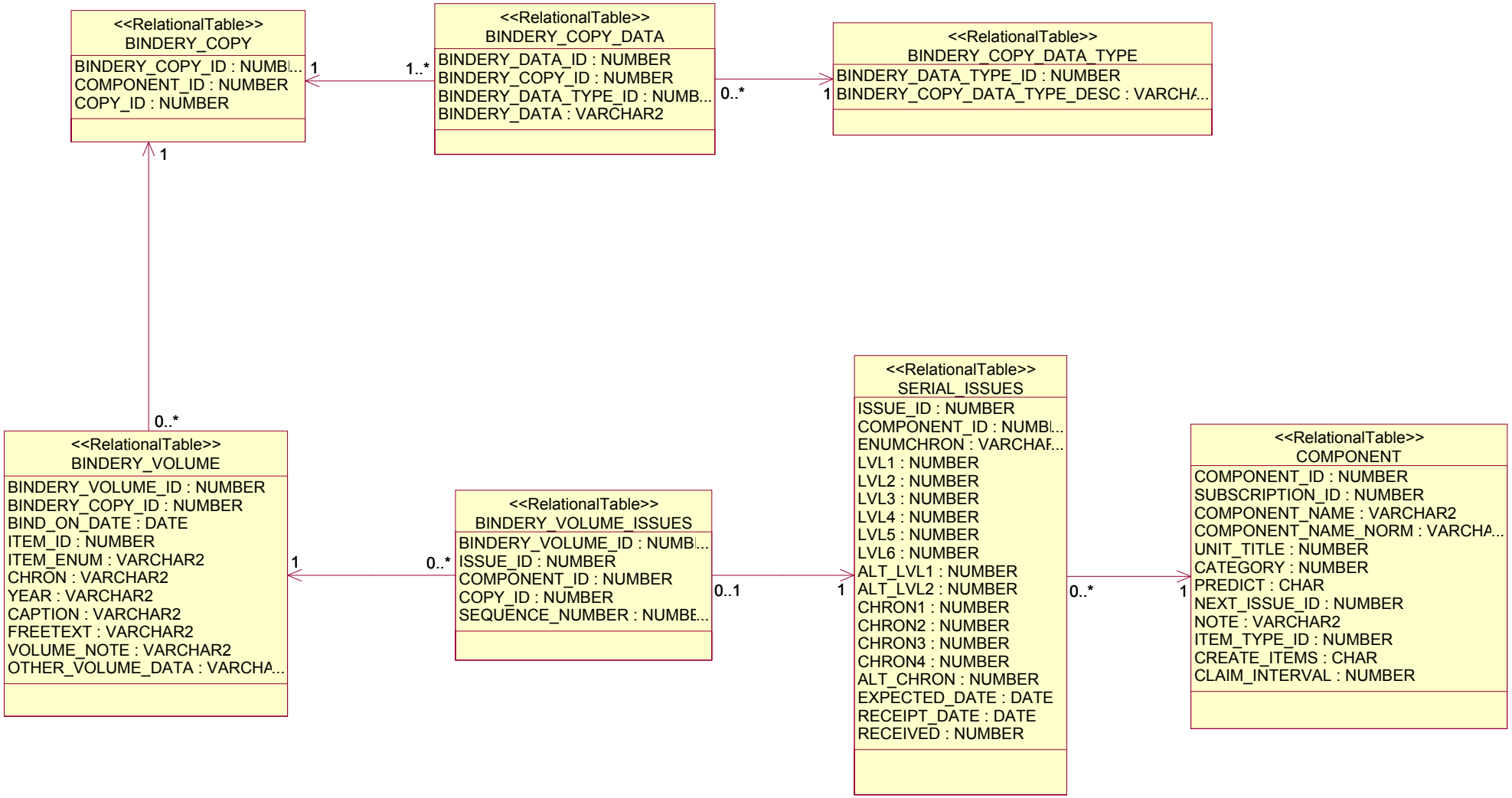
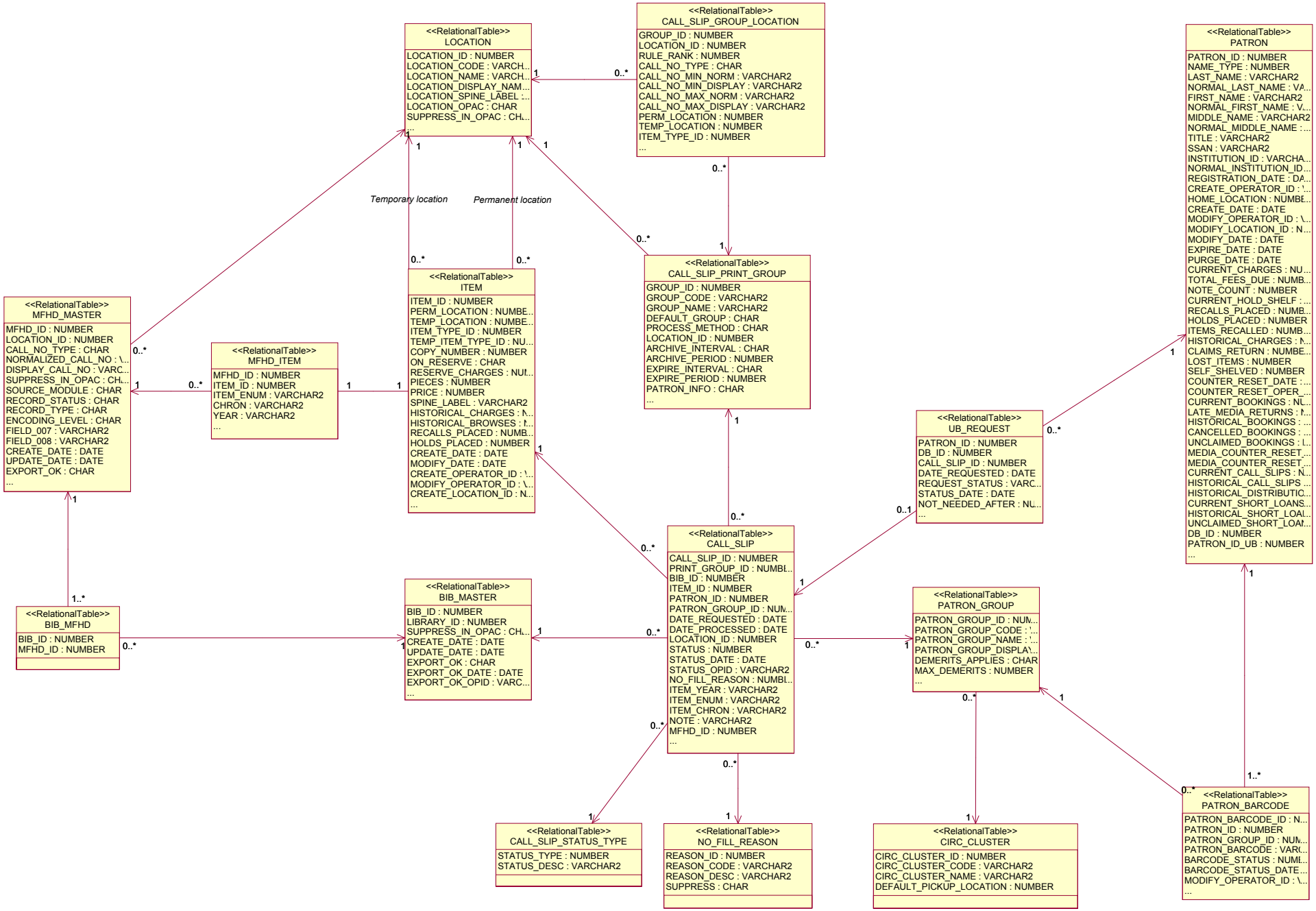
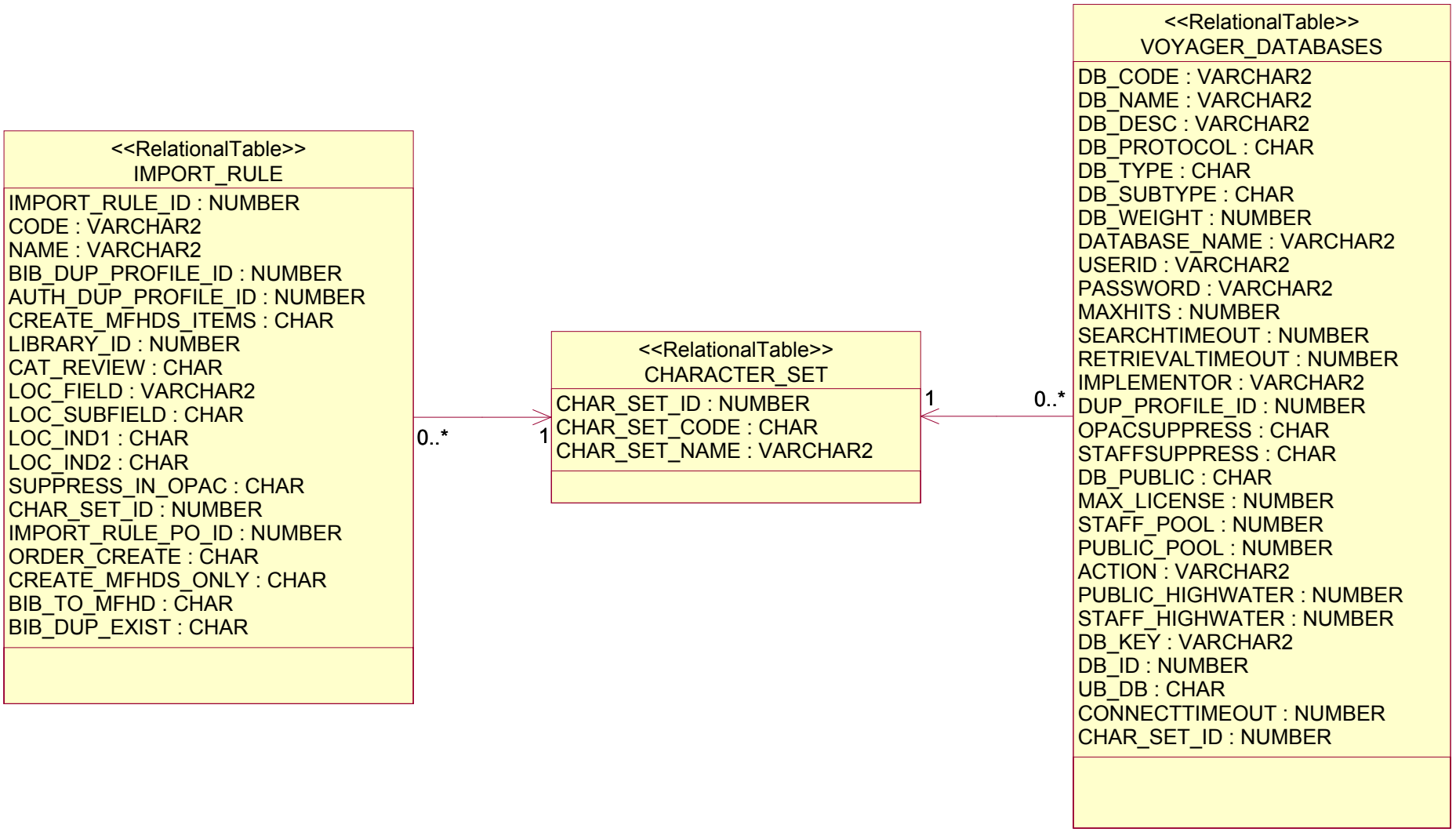
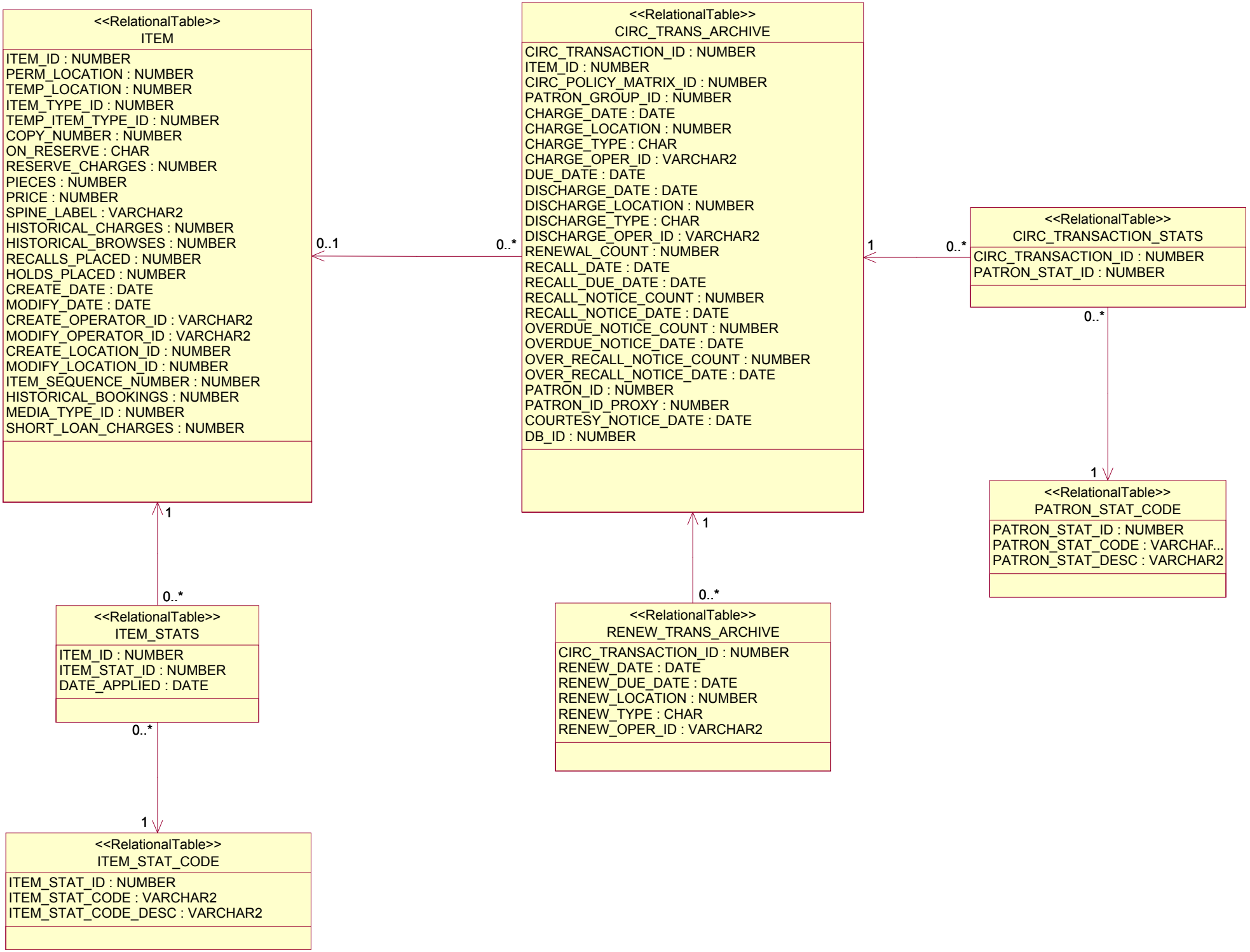
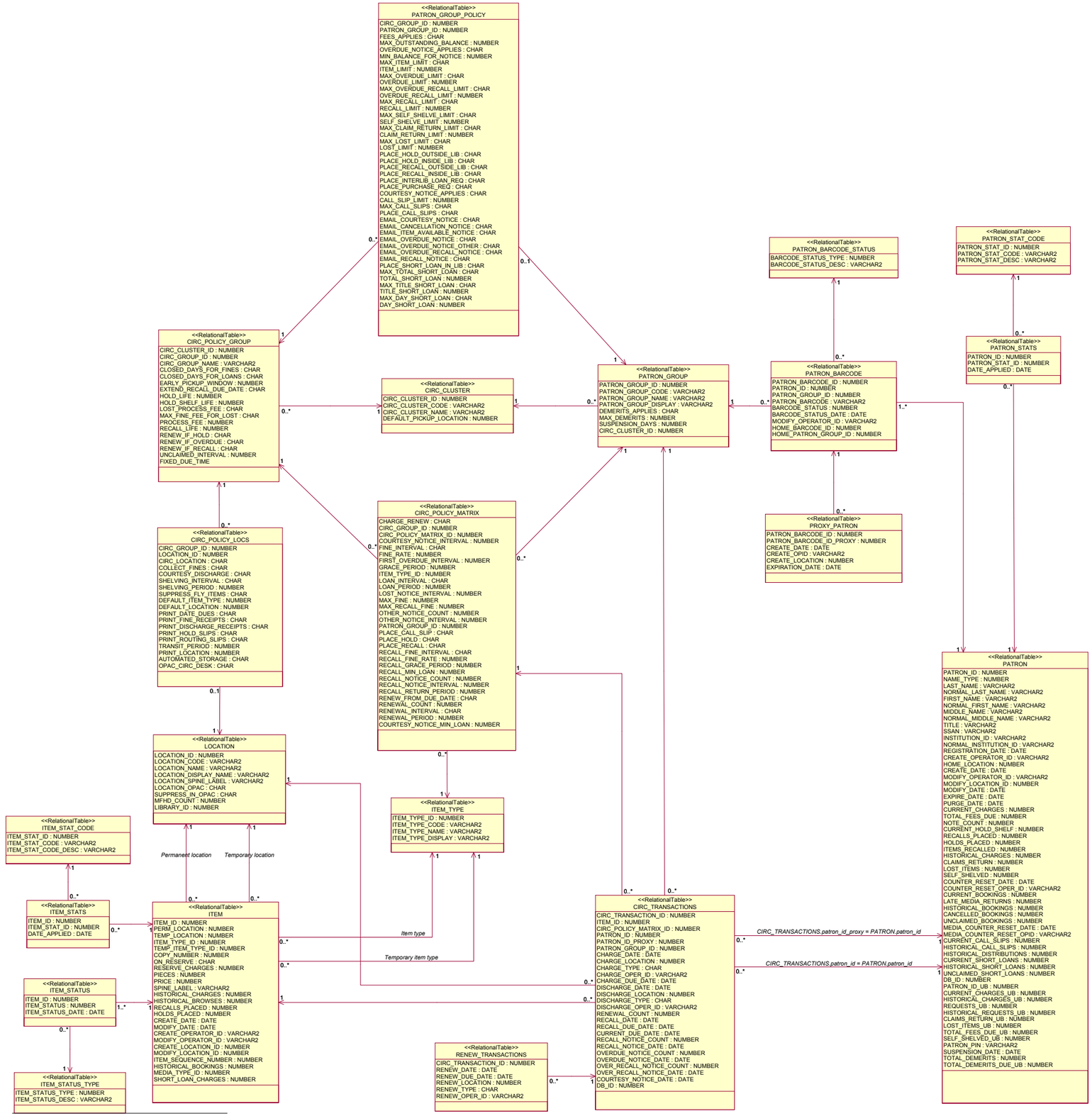

<<RelationalTable>>
BINDERY_COPY
BINDERY_COPY_ID : NUMB...
COMPONENT_ID : NUMBER
COPY_ID : NUMBER
1
1..*
<<RelationalTable>>
BINDERY_COPY_DATA
BINDERY_DATA_ID : NUMBER
BINDERY_COPY_ID : NUMBER
BINDERY_DATA_TYPE_ID : NUMB...
BINDERY_DATA : VARCHAR2
0..*
1
<<RelationalTable>>
BINDERY_COPY_DATA_TYPE
BINDERY_DATA_TYPE_ID : NUMBER
BINDERY_COPY_DATA_TYPE_DESC : VARCHA...
1
0..*
<<RelationalTable>>
BINDERY_VOLUME
BINDERY_VOLUME_ID : NUMBER
BINDERY_COPY_ID : NUMBER
BIND_ON_DATE : DATE
ITEM_ID : NUMBER
ITEM_ENUM : VARCHAR2
CHRON : VARCHAR2
YEAR : VARCHAR2
CAPTION : VARCHAR2
FREETEXT : VARCHAR2
VOLUME_NOTE : VARCHAR2
OTHER_VOLUME_DATA : VARCHA...
1
0..*
<<RelationalTable>>
BINDERY_VOLUME_ISSUES
BINDERY_VOLUME_ID : NUMB...
ISSUE_ID : NUMBER
COMPONENT_ID : NUMBER
COPY_ID : NUMBER
SEQUENCE_NUMBER : NUMBE...
0..1
1
<<RelationalTable>>
SERIAL_ISSUES
ISSUE_ID : NUMBER
COMPONENT_ID : NUMB...
ENUMCHRON : VARCHAR...
LVL1 : NUMBER
LVL2 : NUMBER
LVL3 : NUMBER
LVL4 : NUMBER
LVL5 : NUMBER
LVL6 : NUMBER
ALT_LVL1 : NUMBER
ALT_LVL2 : NUMBER
CHRON1 : NUMBER
CHRON2 : NUMBER
CHRON3 : NUMBER
CHRON4 : NUMBER
ALT_CHRON : NUMBER
EXPECTED_DATE : DATE
RECEIPT_DATE : DATE
RECEIVED : NUMBER
0..*
1
<<RelationalTable>>
COMPONENT
COMPONENT_ID : NUMBER
SUBSCRIPTION_ID : NUMBER
COMPONENT_NAME : VARCHAR2
COMPONENT_NAME_NORM : VARCHA...
UNIT_TITLE : NUMBER
CATEGORY : NUMBER
PREDICT : CHAR
NEXT_ISSUE_ID : NUMBER
NOTE : VARCHAR2
ITEM_TYPE_ID : NUMBER
CREATE_ITEMS : CHAR
CLAIM_INTERVAL : NUMBER

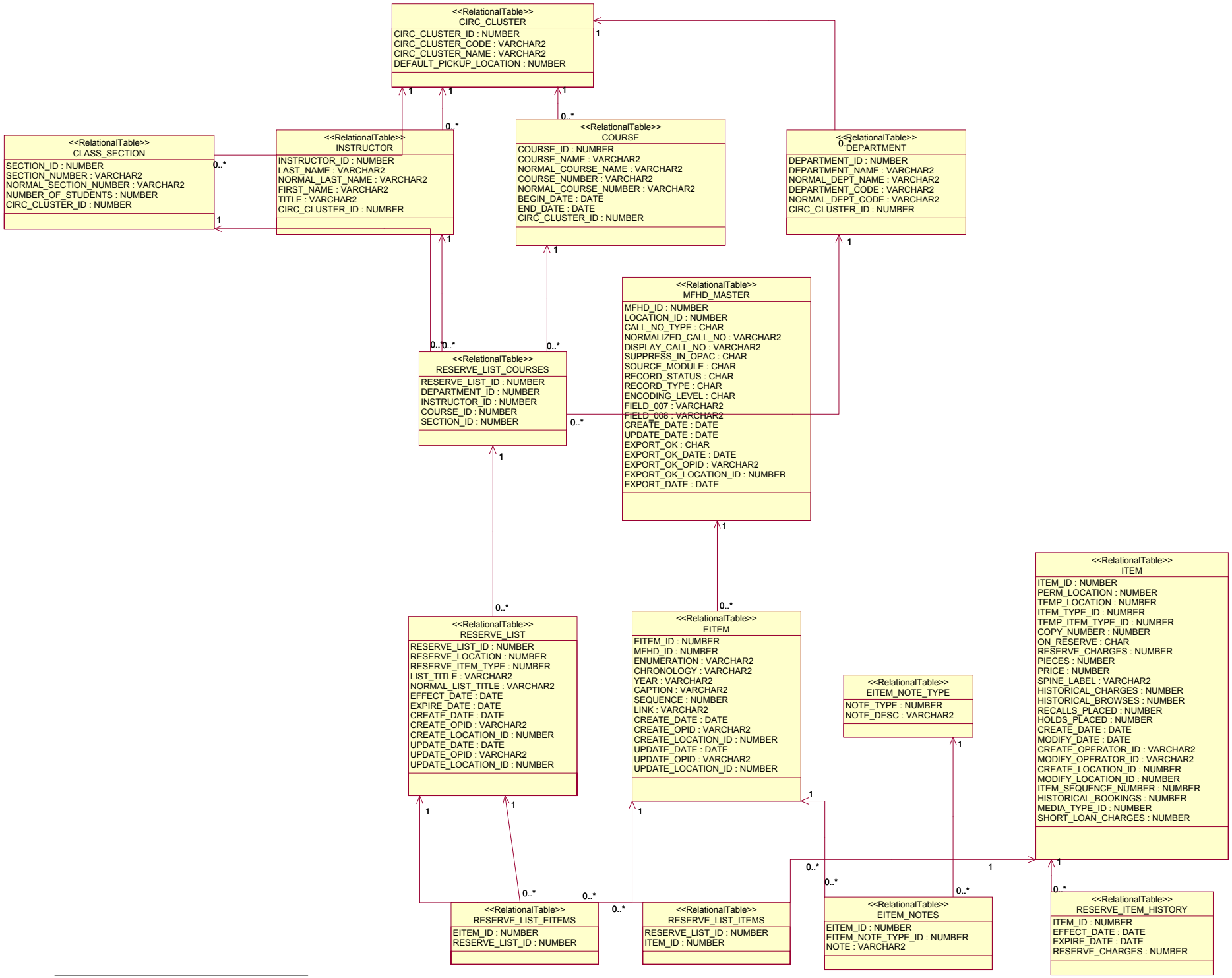

<<RelationalTable>>
LOCATION
LOCATION_ID : NUMBER
LOCATION_CODE : VARCH...
LOCATION_NAME : VARCH...
LOCATION_DISPLAY_NAM...
LOCATION_SPINE_LABEL :...
LOCATION_OPAC : CHAR
SUPPRESS_IN_OPAC : CH...
...
<<RelationalTable>>
CALL_SLIP_GROUP_LOCATION
GROUP_ID : NUMBER
LOCATION_ID : NUMBER
RULE_RANK : NUMBER
CALL_NO_TYPE : CHAR
CALL_NO_MIN_NORM : VARCHAR2
CALL_NO_MIN_DISPLAY : VARCHAR2
CALL_NO_MAX_NORM : VARCHAR2
CALL_NO_MAX_DISPLAY : VARCHAR2
PERM_LOCATION : NUMBER
TEMP_LOCATION : NUMBER
ITEM_TYPE_ID : NUMBER
...
<<RelationalTable>>
PATRON
PATRON_ID : NUMBER
NAME_TYPE : NUMBER
LAST_NAME : VARCHAR2
NORMAL_LAST_NAME : VA...
FIRST_NAME : VARCHAR2
NORMAL_FIRST_NAME : V...
MIDDLE_NAME : VARCHAR2
NORMAL_MIDDLE_NAME :...
TITLE : VARCHAR2
SSAN : VARCHAR2
INSTITUTION_ID : VARCHA...
NORMAL_INSTITUTION_ID...
REGISTRATION_DATE : DA...
CREATE_OPERATOR_ID : \...
HOME_LOCATION : NUMBE...
CREATE_DATE : DATE
MODIFY_OPERATOR_ID : \...
MODIFY_LOCATION_ID : N...
MODIFY_DATE : DATE
EXPIRE_DATE : DATE
PURGE_DATE : DATE
CURRENT_CHARGES : NU...
TOTAL_FEES_DUE : NUMB...
NOTE_COUNT : NUMBER
CURRENT_HOLD_SHELF : ...
RECALLS_PLACED : NUMB...
HOLDS_PLACED : NUMBER
ITEMS_RECALLED : NUMB...
HISTORICAL_CHARGES : N...
CLAIMS_RETURN : NUMBE...
LOST_ITEMS : NUMBER
SELF_SHELVED : NUMBER
COUNTER_RESET_DATE :...
COUNTER_RESET_OPER_...
CURRENT_BOOKINGS : NU...
LATE_MEDIA_RETURNS : N...
HISTORICAL_BOOKINGS : ...
CANCELLED_BOOKINGS : ...
UNCLAIMED_BOOKINGS : I...
MEDIA_COUNTER_RESET_...
MEDIA_COUNTER_RESET_...
CURRENT_CALL_SLIPS : N...
HISTORICAL_CALL_SLIPS ...
HISTORICAL_DISTRIBUTIC...
CURRENT_SHORT_LOANS...
HISTORICAL_SHORT_LOAI...
UNCLAIMED_SHORT_LOAN...
DB_ID : NUMBER
PATRON_ID_UB : NUMBER
...
Temporary location
Permanent location
<<RelationalTable>>
ITEM
ITEM_ID : NUMBER
PERM_LOCATION : NUMBE...
TEMP_LOCATION : NUMBE...
ITEM_TYPE_ID : NUMBER
TEMP_ITEM_TYPE_ID : NU...
COPY_NUMBER : NUMBER
ON_RESERVE : CHAR
RESERVE_CHARGES : NUI...
PIECES : NUMBER
PRICE : NUMBER
SPINE_LABEL : VARCHAR2
HISTORICAL_CHARGES : N...
HISTORICAL_BROWSES : N...
RECALLS_PLACED : NUMB...
HOLDS_PLACED : NUMBER
CREATE_DATE : DATE
MODIFY_DATE : DATE
CREATE_OPERATOR_ID : \...
MODIFY_OPERATOR_ID : \...
CREATE_LOCATION_ID : N...
...
<<RelationalTable>>
CALL_SLIP_PRINT_GROUP
GROUP_ID : NUMBER
GROUP_CODE : VARCHAR2
GROUP_NAME : VARCHAR2
DEFAULT_GROUP : CHAR
PROCESS_METHOD : CHAR
LOCATION_ID : NUMBER
ARCHIVE_INTERVAL : CHAR
ARCHIVE_PERIOD : NUMBER
EXPIRE_INTERVAL : CHAR
EXPIRE_PERIOD : NUMBER
PATRON_INFO : CHAR
...
<<RelationalTable>>
MFHD_MASTER
MFHD_ID : NUMBER
LOCATION_ID : NUMBER
CALL_NO_TYPE : CHAR
NORMALIZED_CALL_NO : \...
DISPLAY_CALL_NO : VARC...
SUPPRESS_IN_OPAC : CH...
SOURCE_MODULE : CHAR
RECORD_STATUS : CHAR
RECORD_TYPE : CHAR
ENCODING_LEVEL : CHAR
FIELD_007 : VARCHAR2
FIELD_008 : VARCHAR2
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
...
<<RelationalTable>>
MFHD_ITEM
MFHD_ID : NUMBER
ITEM_ID : NUMBER
ITEM_ENUM : VARCHAR2
CHRON : VARCHAR2
YEAR : VARCHAR2
...
<<RelationalTable>>
UB_REQUEST
PATRON_ID : NUMBER
DB_ID : NUMBER
CALL_SLIP_ID : NUMBER
DATE_REQUESTED : DATE
REQUEST_STATUS : VARC...
STATUS_DATE : DATE
NOT_NEEDED_AFTER : NU...
...
<<RelationalTable>>
CALL_SLIP
CALL_SLIP_ID : NUMBER
PRINT_GROUP_ID : NUMBI...
BIB_ID : NUMBER
ITEM_ID : NUMBER
PATRON_ID : NUMBER
PATRON_GROUP_ID : NUM...
DATE_REQUESTED : DATE
DATE_PROCESSED : DATE
LOCATION_ID : NUMBER
STATUS : NUMBER
STATUS_DATE : DATE
STATUS_OPID : VARCHAR2
NO_FILL_REASON : NUMBI...
ITEM_YEAR : VARCHAR2
ITEM_ENUM : VARCHAR2
ITEM_CHRON : VARCHAR2
NOTE : VARCHAR2
MFHD_ID : NUMBER
...
<<RelationalTable>>
BIB_MFHD
BIB_ID : NUMBER
MFHD_ID : NUMBER
<<RelationalTable>>
BIB_MASTER
BIB_ID : NUMBER
LIBRARY_ID : NUMBER
SUPPRESS_IN_OPAC : CH...
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARC...
...
<<RelationalTable>>
PATRON_GROUP
PATRON_GROUP_ID : NUM...
PATRON_GROUP_CODE : \...
PATRON_GROUP_NAME : \...
PATRON_GROUP_DISPLA...
DEMERITS_APPLIES : CHAR
MAX_DEMERITS : NUMBER
...
<<RelationalTable>>
PATRON_BARCODE
PATRON_BARCODE_ID : N...
PATRON_ID : NUMBER
PATRON_GROUP_ID : NUM...
PATRON_BARCODE : VARC...
BARCODE_STATUS : NUMB...
BARCODE_STATUS_DATE...
MODIFY_OPERATOR_ID : \...
...
<<RelationalTable>>
CALL_SLIP_STATUS_TYPE
STATUS_TYPE : NUMBER
STATUS_DESC : VARCHAR2
<<RelationalTable>>
NO_FILL_REASON
REASON_ID : NUMBER
REASON_CODE : VARCHAR2
REASON_DESC : VARCHAR2
SUPPRESS : CHAR
<<RelationalTable>>
CIRC_CLUSTER
CIRC_CLUSTER_ID : NUMBER
CIRC_CLUSTER_CODE : VARCHAR2
CIRC_CLUSTER_NAME : VARCHAR2
DEFAULT_PICKUP_LOCATION : NUMBER

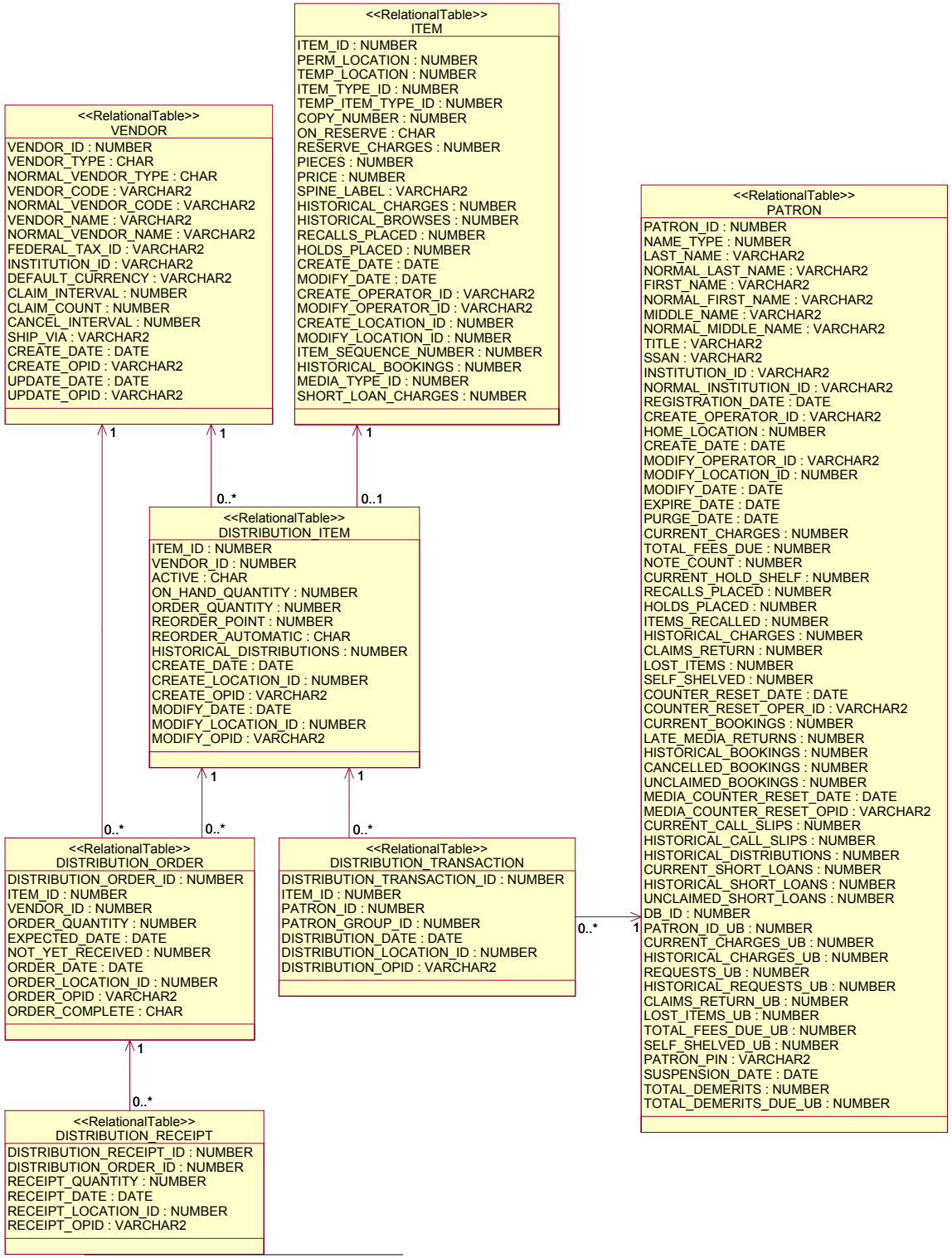

<<RelationalTable>>
IMPORT_RULE
IMPORT_RULE_ID : NUMBER
CODE : VARCHAR2
NAME : VARCHAR2
BIB_DUP_PROFILE_ID : NUMBER
AUTH_DUP_PROFILE_ID : NUMBER
CREATE_MFHDS_ITEMS : CHAR
LIBRARY_ID : NUMBER
CAT_REVIEW : CHAR
LOC_FIELD : VARCHAR2
LOC_SUBFIELD : CHAR
LOC_IND1 : CHAR
LOC_IND2 : CHAR
SUPPRESS_IN_OPAC : CHAR
CHAR_SET_ID : NUMBER
IMPORT_RULE_PO_ID : NUMBER
ORDER_CREATE : CHAR
CREATE_MFHDS_ONLY : CHAR
BIB_TO_MFHD : CHAR
BIB_DUP_EXIST : CHAR
0..*
1
<<RelationalTable>>
CHARACTER_SET
CHAR_SET_ID : NUMBER
CHAR_SET_CODE : CHAR
CHAR_SET_NAME : VARCHAR2
1
0..*
<<RelationalTable>>
VOYAGER_DATABASES
DB_CODE : VARCHAR2
DB_NAME : VARCHAR2
DB_DESC : VARCHAR2
DB_PROTOCOL : CHAR
DB_TYPE : CHAR
DB_SUBTYPE : CHAR
DB_WEIGHT : NUMBER
DATABASE_NAME : VARCHAR2
USERID : VARCHAR2
PASSWORD : VARCHAR2
MAXHITS : NUMBER
SEARCHTIMEOUT : NUMBER
RETRIEVALTIMEOUT : NUMBER
IMPLEMENTOR : VARCHAR2
DUP_PROFILE_ID : NUMBER
OPACSUPPRESS : CHAR
STAFFSUPPRESS : CHAR
DB_PUBLIC : CHAR
MAX_LICENSE : NUMBER
STAFF_POOL : NUMBER
PUBLIC_POOL : NUMBER
ACTION : VARCHAR2
PUBLIC_HIGHWATER : NUMBER
STAFF_HIGHWATER : NUMBER
DB_KEY : VARCHAR2
DB_ID : NUMBER
UB_DB : CHAR
CONNECTTIMEOUT : NUMBER
CHAR_SET_ID : NUMBER



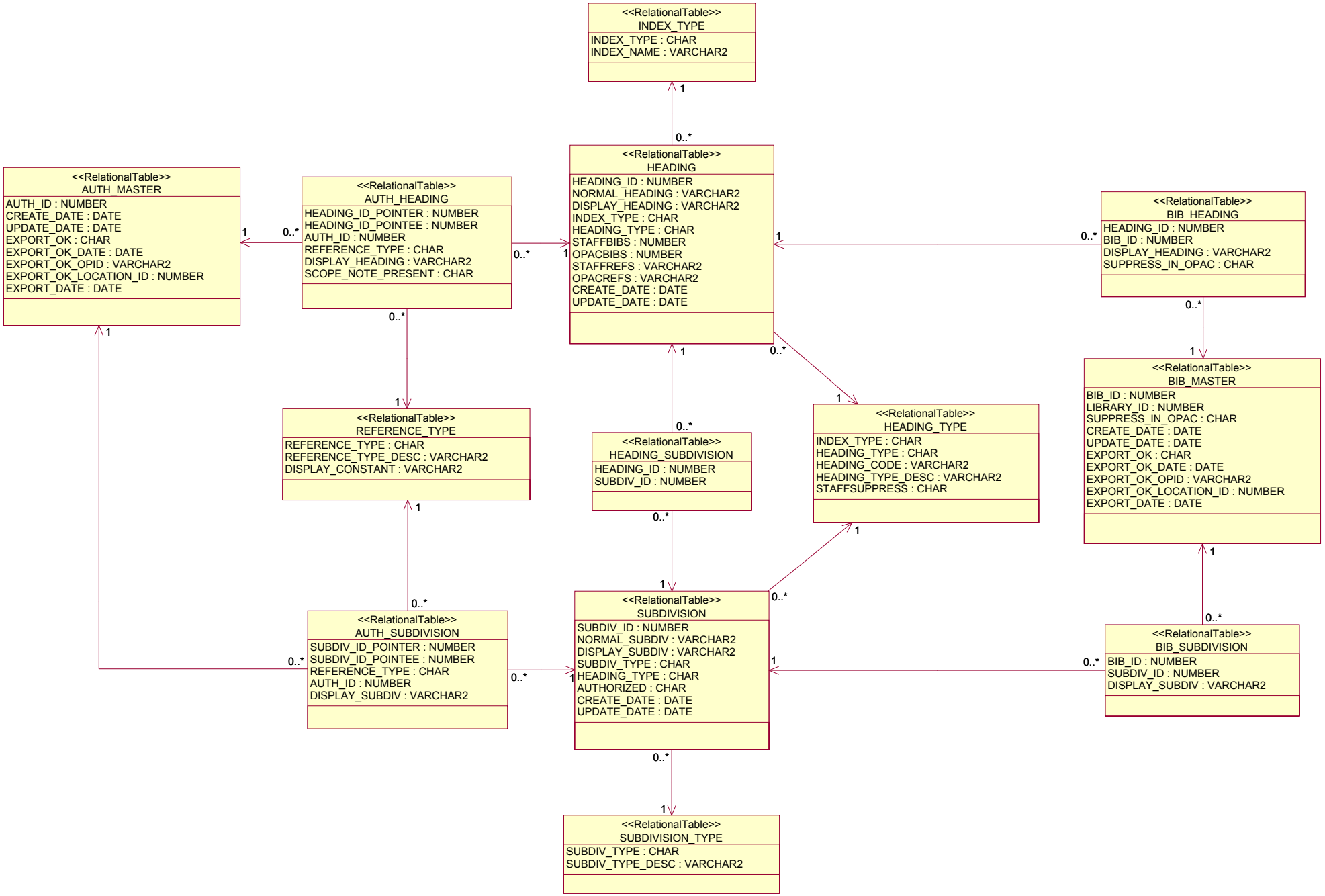

Circulation transaction archive

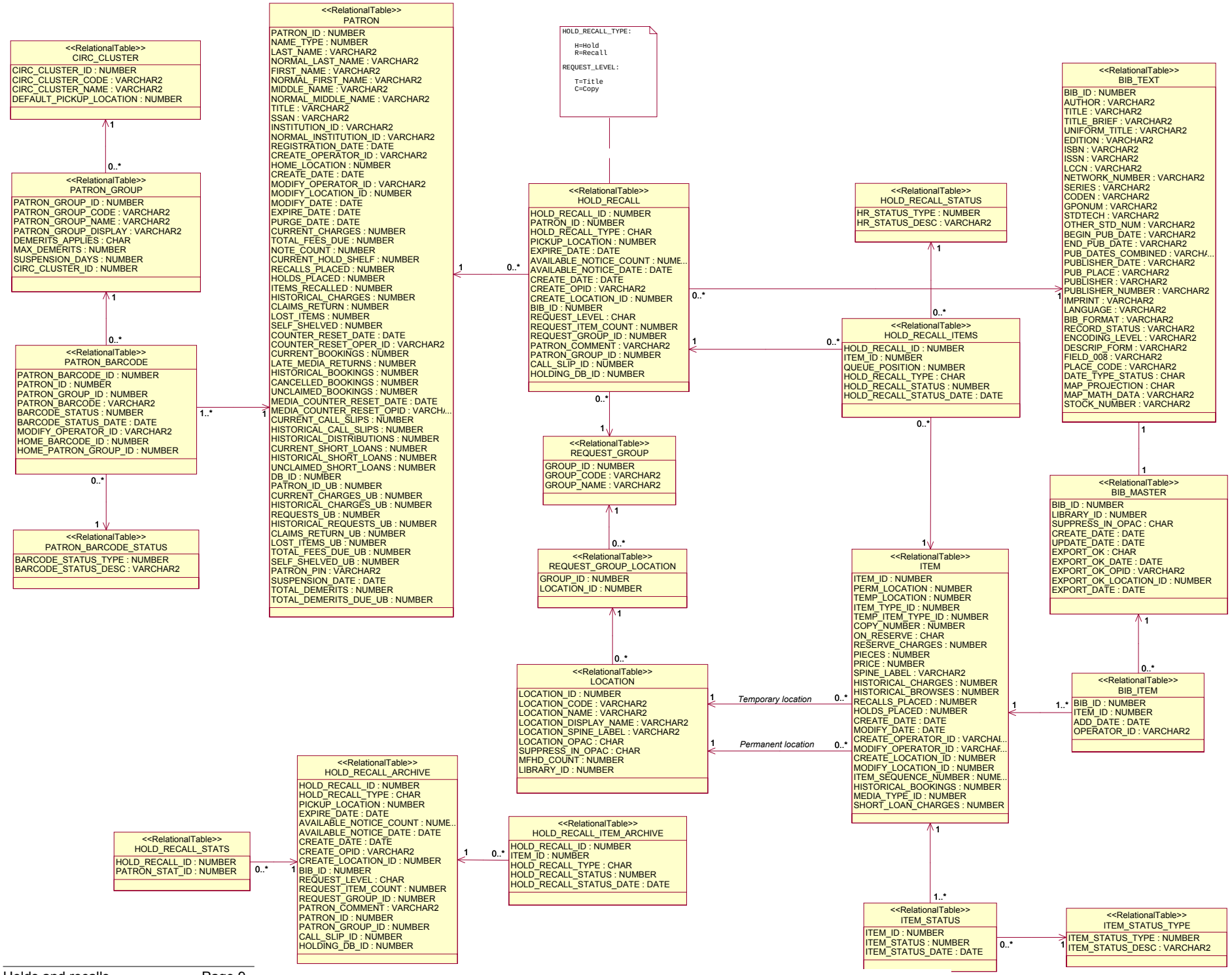

<<RelationalTable>>
PATRON_GROUP_POLICY
CIRC_GROUP_ID : NUMBER
PATRON_GROUP_ID : NUMBER
FEES_APPLIES : CHAR
MAX_OUTSTANDING_BALANCE : NUMBER
OVERDUE_NOTICE_APPLIES : CHAR
MIN_BALANCE_FOR_NOTICE : NUMBER
MAX_ITEM_LIMIT : CHAR
ITEM_LIMIT : NUMBER
MAX_OVERDUE_LIMIT : CHAR
OVERDUE_LIMIT : NUMBER
MAX_OVERDUE_RECALL_LIMIT : CHAR
OVERDUE_RECALL_LIMIT : NUMBER
MAX_RECALL_LIMIT : CHAR
RECALL_LIMIT : NUMBER
MAX_SELF_SHELVE_LIMIT : CHAR
SELF_SHELVE_LIMIT : NUMBER
MAX_CLAIM_RETURN_LIMIT : CHAR
CLAIM_RETURN_LIMIT : NUMBER
MAX_LOST_LIMIT : CHAR
LOST_LIMIT : NUMBER
PLACE_HOLD_OUTSIDE_LIB : CHAR
PLACE_HOLD_INSIDE_LIB : CHAR
PLACE_RECALL_OUTSIDE_LIB : CHAR
PLACE_RECALL_INSIDE_LIB : CHAR
PLACE_INTERLIB_LOAN_REQ : CHAR
PLACE_PURCHASE_REQ : CHAR
COURTESY_NOTICE_APPLIES : CHAR
CALL_SLIP_LIMIT : NUMBER
MAX_CALL_SLIPS : CHAR
PLACE_CALL_SLIPS : CHAR
EMAIL_COURTESY_NOTICE : CHAR
EMAIL_CANCELLATION_NOTICE : CHAR
EMAIL_ITEM_AVAILABLE_NOTICE : CHAR
EMAIL_OVERDUE_NOTICE : CHAR
EMAIL_OVERDUE_NOTICE_OTHER : CHAR
EMAIL_OVERDUE_RECALL_NOTICE : CHAR
EMAIL_RECALL_NOTICE : CHAR
PLACE_SHORT_LOAN_IN_LIB : CHAR
MAX_TOTAL_SHORT_LOAN : CHAR
TOTAL_SHORT_LOAN : NUMBER
MAX_TITLE_SHORT_LOAN : CHAR
TITLE_SHORT_LOAN : NUMBER
MAX_DAY_SHORT_LOAN : CHAR
DAY_SHORT_LOAN : NUMBER
<<RelationalTable>>
CIRC_POLICY_GROUP
CIRC_CLUSTER_ID : NUMBER
CIRC_GROUP_ID : NUMBER
CIRC_GROUP_NAME : VARCHAR2
CLOSED_DAYS_FOR_FINES : CHAR
CLOSED_DAYS_FOR_LOANS : CHAR
EARLY_PICKUP_WINDOW : NUMBER
EXTEND_RECALL_DUE_DATE : CHAR
HOLD_LIFE : NUMBER
HOLD_SHELF_LIFE : NUMBER
LOST_PROCESS_FEE : CHAR
MAX_FINE_FEE_FOR_LOST : CHAR
PROCESS_FEE : NUMBER
RECALL_LIFE : NUMBER
RENEW_IF_HOLD : CHAR
RENEW_IF_OVERDUE : CHAR
RENEW_IF_RECALL : CHAR
UNCLAIMED_INTERVAL : NUMBER
FIXED_DUE_TIME
<<RelationalTable>>
CIRC_CLUSTER
CIRC_CLUSTER_ID : NUMBER
CIRC_CLUSTER_CODE : VARCHAR2
CIRC_CLUSTER_NAME : VARCHAR2
DEFAULT_PICKUP_LOCATION : NUMBER
<<RelationalTable>>
PATRON_GROUP
PATRON_GROUP_ID : NUMBER
PATRON_GROUP_CODE : VARCHAR2
PATRON_GROUP_NAME : VARCHAR2
PATRON_GROUP_DISPLAY : VARCHAR2
DEMERITS_APPLIES : CHAR
MAX_DEMERITS : NUMBER
SUSPENSION_DAYS : NUMBER
CIRC_CLUSTER_ID : NUMBER
<<RelationalTable>>
PATRON_BARCODE_STATUS
BARCODE_STATUS_TYPE : NUMBER
BARCODE_STATUS_DESC : VARCHAR2
<<RelationalTable>>
PATRON_STAT_CODE
PATRON_STAT_ID : NUMBER
PATRON_STAT_CODE : VARCHAR2
PATRON_STAT_DESC : VARCHAR2
<<RelationalTable>>
PATRON_BARCODE
PATRON_BARCODE_ID : NUMBER
PATRON_ID : NUMBER
PATRON_GROUP_ID : NUMBER
PATRON_BARCODE : VARCHAR2
BARCODE_STATUS : NUMBER
BARCODE_STATUS_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
HOME_BARCODE_ID : NUMBER
HOME_PATRON_GROUP_ID : NUMBER
<<RelationalTable>>
PATRON_STATS
PATRON_ID : NUMBER
PATRON_STAT_ID : NUMBER
DATE_APPLIED : DATE
<<RelationalTable>>
CIRC_POLICY_LOCS
CIRC_GROUP_ID : NUMBER
LOCATION_ID : NUMBER
CIRC_LOCATION : CHAR
COLLECT_FINES : CHAR
COURTESY_DISCHARGE : CHAR
SHELVING_INTERVAL : CHAR
SHELVING_PERIOD : NUMBER
SUPPRESS_FLY_ITEMS : CHAR
DEFAULT_ITEM_TYPE : NUMBER
DEFAULT_LOCATION : NUMBER
PRINT_DATE_DUES : CHAR
PRINT_FINE_RECEIPTS : CHAR
PRINT_DISCHARGE_RECEIPTS : CHAR
PRINT_HOLD_SLIPS : CHAR
PRINT_ROUTING_SLIPS : CHAR
TRANSIT_PERIOD : NUMBER
PRINT_LOCATION : NUMBER
AUTOMATED_STORAGE : CHAR
OPAC_CIRC_DESK : CHAR
<<RelationalTable>>
CIRC_POLICY_MATRIX
CHARGE_RENEW : CHAR
CIRC_GROUP_ID : NUMBER
CIRC_POLICY_MATRIX_ID : NUMBER
COURTESY_NOTICE_INTERVAL : NUMBER
FINE_INTERVAL : CHAR
FINE_RATE : NUMBER
FIRST_OVERDUE_INTERVAL : NUMBER
GRACE_PERIOD : NUMBER
ITEM_TYPE_ID : NUMBER
LOAN_INTERVAL : CHAR
LOAN_PERIOD : NUMBER
LOST_NOTICE_INTERVAL : NUMBER
MAX_FINE : NUMBER
MAX_RECALL_FINE : NUMBER
OTHER_NOTICE_COUNT : NUMBER
OTHER_NOTICE_INTERVAL : NUMBER
PATRON_GROUP_ID : NUMBER
PLACE_CALL_SLIP : CHAR
PLACE_HOLD : CHAR
PLACE_RECALL : CHAR
RECALL_FINE_INTERVAL : CHAR
RECALL_FINE_RATE : NUMBER
RECALL_GRACE_PERIOD : NUMBER
RECALL_MIN_LOAN : NUMBER
RECALL_NOTICE_COUNT : NUMBER
RECALL_NOTICE_INTERVAL : NUMBER
RECALL_RETURN_PERIOD : NUMBER
RENEW_FROM_DUE_DATE : CHAR
RENEWAL_COUNT : NUMBER
RENEWAL_INTERVAL : CHAR
RENEWAL_PERIOD : NUMBER
COURTESY_NOTICE_MIN_LOAN : NUMBER
<<RelationalTable>>
PROXY_PATRON
PATRON_BARCODE_ID : NUMBER
PATRON_BARCODE_ID_PROXY : NUMBER
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
CREATE_LOCATION : NUMBER
EXPIRATION_DATE : DATE
<<RelationalTable>>
LOCATION
LOCATION_ID : NUMBER
LOCATION_CODE : VARCHAR2
LOCATION_NAME : VARCHAR2
LOCATION_DISPLAY_NAME : VARCHAR2
LOCATION_SPINE_LABEL : VARCHAR2
LOCATION_OPAC : CHAR
SUPPRESS_IN_OPAC : CHAR
MFHD_COUNT : NUMBER
LIBRARY_ID : NUMBER
<<RelationalTable>>
ITEM_TYPE
ITEM_TYPE_ID : NUMBER
ITEM_TYPE_CODE : VARCHAR2
ITEM_TYPE_NAME : VARCHAR2
ITEM_TYPE_DISPLAY : VARCHAR2
<<RelationalTable>>
ITEM_STAT_CODE
ITEM_STAT_ID : NUMBER
ITEM_STAT_CODE : VARCHAR2
ITEM_STAT_CODE_DESC : VARCHAR2
<<RelationalTable>>
ITEM_STATS
ITEM_ID : NUMBER
ITEM_STAT_ID : NUMBER
DATE_APPLIED : DATE
<<RelationalTable>>
ITEM
ITEM_ID : NUMBER
PERM_LOCATION : NUMBER
TEMP_LOCATION : NUMBER
ITEM_TYPE_ID : NUMBER
TEMP_ITEM_TYPE_ID : NUMBER
COPY_NUMBER : NUMBER
ON_RESERVE : CHAR
RESERVE_CHARGES : NUMBER
PIECES : NUMBER
PRICE : NUMBER
SPINE_LABEL : VARCHAR2
HISTORICAL_CHARGES : NUMBER
HISTORICAL_BROWSES : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
CREATE_DATE : DATE
MODIFY_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
MODIFY_OPERATOR_ID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
MODIFY_LOCATION_ID : NUMBER
ITEM_SEQUENCE_NUMBER : NUMBER
HISTORICAL_BOOKINGS : NUMBER
MEDIA_TYPE_ID : NUMBER
SHORT_LOAN_CHARGES : NUMBER
<<RelationalTable>>
ITEM_STATUS
ITEM_ID : NUMBER
ITEM_STATUS : NUMBER
ITEM_STATUS_DATE : DATE
<<RelationalTable>>
ITEM_STATUS_TYPE
ITEM_STATUS_TYPE : NUMBER
ITEM_STATUS_DESC : VARCHAR2
<<RelationalTable>>
RENEW_TRANSACTIONS
CIRC_TRANSACTION_ID : NUMBER
RENEW_DATE : DATE
RENEW_DUE_DATE : DATE
RENEW_LOCATION : NUMBER
RENEW_TYPE : CHAR
RENEW_OPER_ID : VARCHAR2
<<RelationalTable>>
CIRC_TRANSACTIONS
CIRC_TRANSACTION_ID : NUMBER
ITEM_ID : NUMBER
CIRC_POLICY_MATRIX_ID : NUMBER
PATRON_ID : NUMBER
PATRON_ID_PROXY : NUMBER
PATRON_GROUP_ID : NUMBER
CHARGE_DATE : DATE
CHARGE_LOCATION : NUMBER
CHARGE_TYPE : CHAR
CHARGE_OPER_ID : VARCHAR2
CHARGE_DUE_DATE : DATE
DISCHARGE_DATE : DATE
DISCHARGE_LOCATION : NUMBER
DISCHARGE_TYPE : CHAR
DISCHARGE_OPER_ID : VARCHAR2
RENEWAL_COUNT : NUMBER
RECALL_DATE : DATE
RECALL_DUE_DATE : DATE
CURRENT_DUE_DATE : DATE
RECALL_NOTICE_COUNT : NUMBER
RECALL_NOTICE_DATE : DATE
OVERDUE_NOTICE_COUNT : NUMBER
OVERDUE_NOTICE_DATE : DATE
OVER_RECALL_NOTICE_COUNT : NUMBER
OVER_RECALL_NOTICE_DATE : DATE
COURTESY_NOTICE_DATE : DATE
DB_ID : NUMBER
<<RelationalTable>>
PATRON
PATRON_ID : NUMBER
NAME_TYPE : NUMBER
LAST_NAME : VARCHAR2
NORMAL_LAST_NAME : VARCHAR2
FIRST_NAME : VARCHAR2
NORMAL_FIRST_NAME : VARCHAR2
MIDDLE_NAME : VARCHAR2
NORMAL_MIDDLE_NAME : VARCHAR2
TITLE : VARCHAR2
SSAN : VARCHAR2
INSTITUTION_ID : VARCHAR2
NORMAL_INSTITUTION_ID : VARCHAR2
REGISTRATION_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
HOME_LOCATION : NUMBER
CREATE_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
MODIFY_LOCATION_ID : NUMBER
MODIFY_DATE : DATE
EXPIRE_DATE : DATE
PURGE_DATE : DATE
CURRENT_CHARGES : NUMBER
TOTAL_FEES_DUE : NUMBER
NOTE_COUNT : NUMBER
CURRENT_HOLD_SHELF : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
ITEMS_RECALLED : NUMBER
HISTORICAL_CHARGES : NUMBER
CLAIMS_RETURN : NUMBER
LOST_ITEMS : NUMBER
SELF_SHELVED : NUMBER
COUNTER_RESET_DATE : DATE
COUNTER_RESET_OPER_ID : VARCHAR2
CURRENT_BOOKINGS : NUMBER
LATE_MEDIA_RETURNS : NUMBER
HISTORICAL_BOOKINGS : NUMBER
CANCELLED_BOOKINGS : NUMBER
UNCLAIMED_BOOKINGS : NUMBER
MEDIA_COUNTER_RESET_DATE : DATE
MEDIA_COUNTER_RESET_OPID : VARCHAR2
CURRENT_CALL_SLIPS : NUMBER
HISTORICAL_CALL_SLIPS : NUMBER
HISTORICAL_DISTRIBUTIONS : NUMBER
CURRENT_SHORT_LOANS : NUMBER
HISTORICAL_SHORT_LOANS : NUMBER
UNCLAIMED_SHORT_LOANS : NUMBER
DB_ID : NUMBER
PATRON_ID_UB : NUMBER
CURRENT_CHARGES_UB : NUMBER
HISTORICAL_CHARGES_UB : NUMBER
REQUESTS_UB : NUMBER
HISTORICAL_REQUESTS_UB : NUMBER
CLAIMS_RETURN_UB : NUMBER
LOST_ITEMS_UB : NUMBER
TOTAL_FEES_DUE_UB : NUMBER
SELF_SHELVED_UB : NUMBER
PATRON_PIN : VARCHAR2
SUSPENSION_DATE : DATE
TOTAL_DEMERITS : NUMBER
TOTAL_DEMERITS_DUE_UB : NUMBER
Permanent location
Temporary location
Item type
Temporary item type
CIRC_TRANSACTIONS.patron_id_proxy = PATRON.patron_id
CIRC_TRANSACTIONS.patron_id = PATRON.patron_id

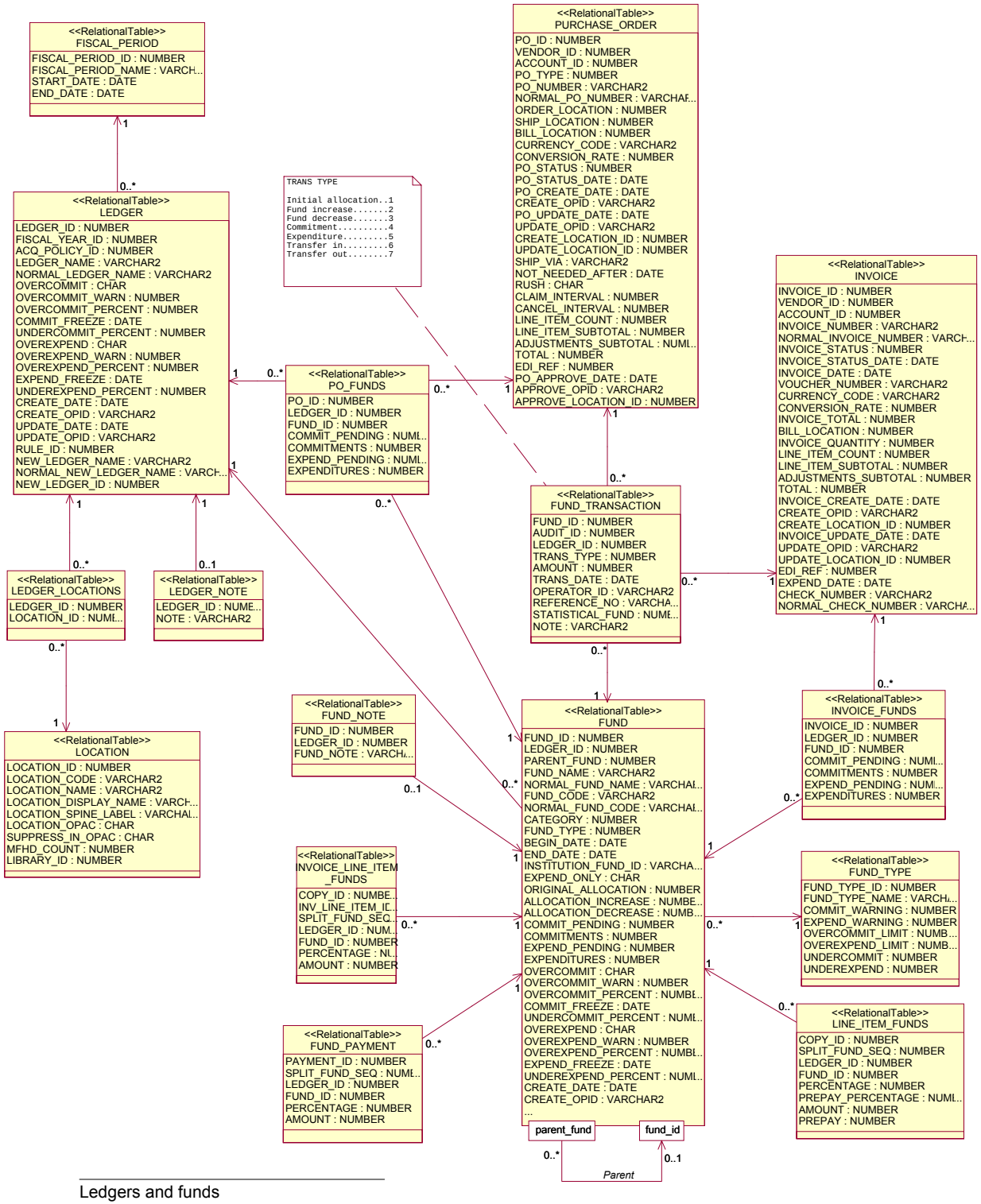

<<RelationalTable>>
CIRC_CLUSTER
CIRC_CLUSTER_ID : NUMBER
CIRC_CLUSTER_CODE : VARCHAR2
CIRC_CLUSTER_NAME : VARCHAR2
DEFAULT_PICKUP_LOCATION : NUMBER
<<RelationalTable>>
CLASS_SECTION
SECTION_ID : NUMBER
SECTION_NUMBER : VARCHAR2
NORMAL_SECTION_NUMBER : VARCHAR2
NUMBER_OF_STUDENTS : NUMBER
CIRC_CLUSTER_ID : NUMBER
<<RelationalTable>>
INSTRUCTOR
INSTRUCTOR_ID : NUMBER
LAST_NAME : VARCHAR2
NORMAL_LAST_NAME : VARCHAR2
FIRST_NAME : VARCHAR2
TITLE : VARCHAR2
CIRC_CLUSTER_ID : NUMBER
<<RelationalTable>>
COURSE
COURSE_ID : NUMBER
COURSE_NAME : VARCHAR2
NORMAL_COURSE_NAME : VARCHAR2
COURSE_NUMBER : VARCHAR2
NORMAL_COURSE_NUMBER : VARCHAR2
BEGIN_DATE : DATE
END_DATE : DATE
CIRC_CLUSTER_ID : NUMBER
<<RelationalTable>>
DEPARTMENT
DEPARTMENT_ID : NUMBER
DEPARTMENT_NAME : VARCHAR2
NORMAL_DEPT_NAME : VARCHAR2
DEPARTMENT_CODE : VARCHAR2
NORMAL_DEPT_CODE : VARCHAR2
CIRC_CLUSTER_ID : NUMBER
<<RelationalTable>>
MFHD_MASTER
MFHD_ID : NUMBER
LOCATION_ID : NUMBER
CALL_NO_TYPE : CHAR
NORMALIZED_CALL_NO : VARCHAR2
DISPLAY_CALL_NO : VARCHAR2
SUPPRESS_IN_OPAC : CHAR
SOURCE_MODULE : CHAR
RECORD_STATUS : CHAR
RECORD_TYPE : CHAR
ENCODING_LEVEL : CHAR
FIELD_007 : VARCHAR2
FIELD_008 : VARCHAR2
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUMBER
EXPORT_DATE : DATE
<<RelationalTable>>
RESERVE_LIST_COURSES
RESERVE_LIST_ID : NUMBER
DEPARTMENT_ID : NUMBER
INSTRUCTOR_ID : NUMBER
COURSE_ID : NUMBER
SECTION_ID : NUMBER
<<RelationalTable>>
RESERVE_LIST
RESERVE_LIST_ID : NUMBER
RESERVE_LOCATION : NUMBER
RESERVE_ITEM_TYPE : NUMBER
LIST_TITLE : VARCHAR2
NORMAL_LIST_TITLE : VARCHAR2
EFFECT_DATE : DATE
EXPIRE_DATE : DATE
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
UPDATE_LOCATION_ID : NUMBER
<<RelationalTable>>
EITEM
EITEM_ID : NUMBER
MFHD_ID : NUMBER
ENUMERATION : VARCHAR2
CHRONOLOGY : VARCHAR2
YEAR : VARCHAR2
CAPTION : VARCHAR2
SEQUENCE : NUMBER
LINK : VARCHAR2
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
UPDATE_LOCATION_ID : NUMBER
<<RelationalTable>>
EITEM_NOTE_TYPE
NOTE_TYPE : NUMBER
NOTE_DESC : VARCHAR2
<<RelationalTable>>
ITEM
ITEM_ID : NUMBER
PERM_LOCATION : NUMBER
TEMP_LOCATION : NUMBER
ITEM_TYPE_ID : NUMBER
TEMP_ITEM_TYPE_ID : NUMBER
COPY_NUMBER : NUMBER
ON_RESERVE : CHAR
RESERVE_CHARGES : NUMBER
PIECES : NUMBER
PRICE : NUMBER
SPINE_LABEL : VARCHAR2
HISTORICAL_CHARGES : NUMBER
HISTORICAL_BROWSES : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
CREATE_DATE : DATE
MODIFY_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
MODIFY_OPERATOR_ID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
MODIFY_LOCATION_ID : NUMBER
ITEM_SEQUENCE_NUMBER : NUMBER
HISTORICAL_BOOKINGS : NUMBER
MEDIA_TYPE_ID : NUMBER
SHORT_LOAN_CHARGES : NUMBER
<<RelationalTable>>
RESERVE_LIST_EITEMS
EITEM_ID : NUMBER
RESERVE_LIST_ID : NUMBER
<<RelationalTable>>
RESERVE_LIST_ITEMS
RESERVE_LIST_ID : NUMBER
ITEM_ID : NUMBER
<<RelationalTable>>
EITEM_NOTES
EITEM_ID : NUMBER
EITEM_NOTE_TYPE_ID : NUMBER
NOTE : VARCHAR2
<<RelationalTable>>
RESERVE_ITEM_HISTORY
ITEM_ID : NUMBER
EFFECT_DATE : DATE
EXPIRE_DATE : DATE
RESERVE_CHARGES : NUMBER

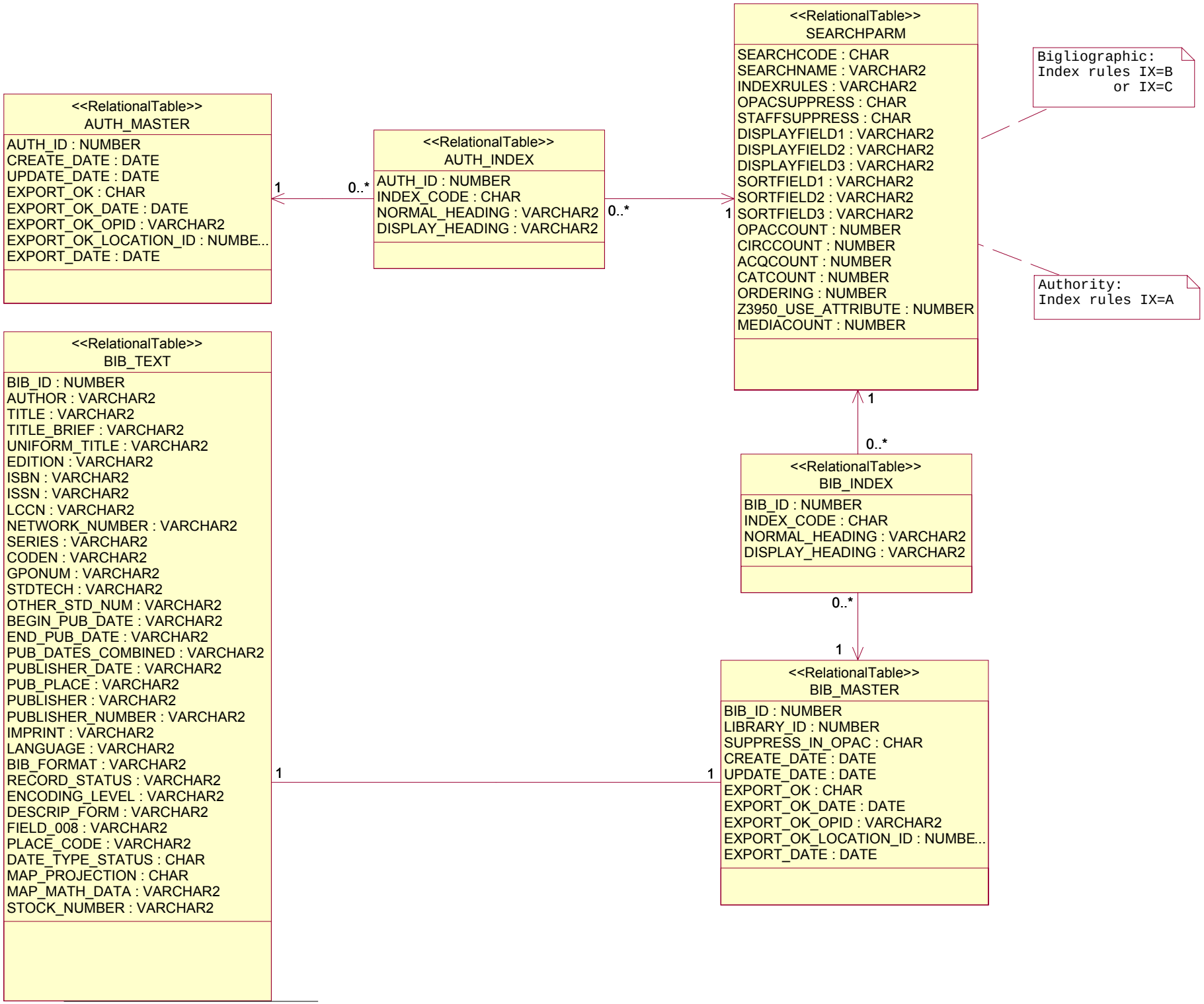


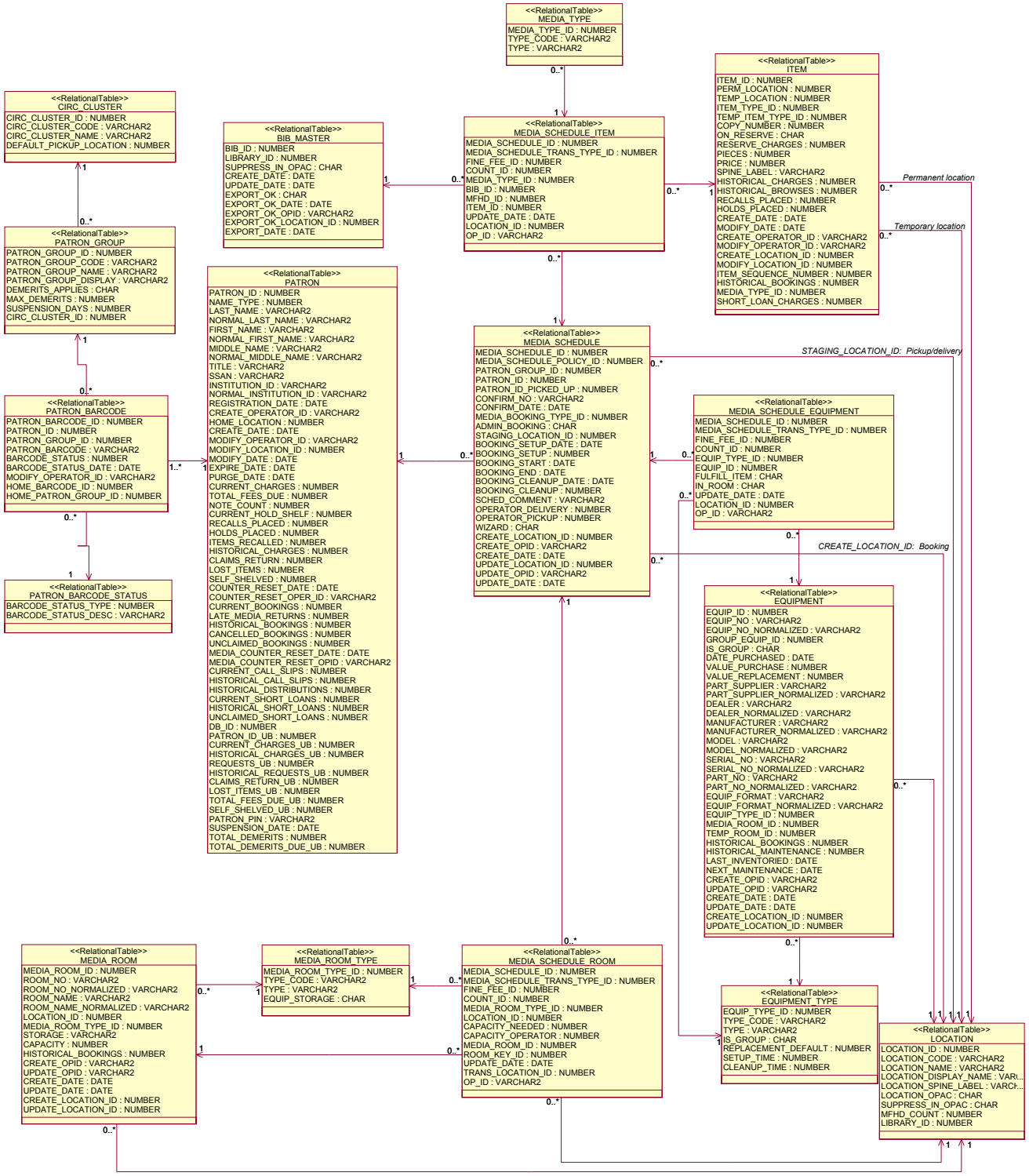

Distribution items

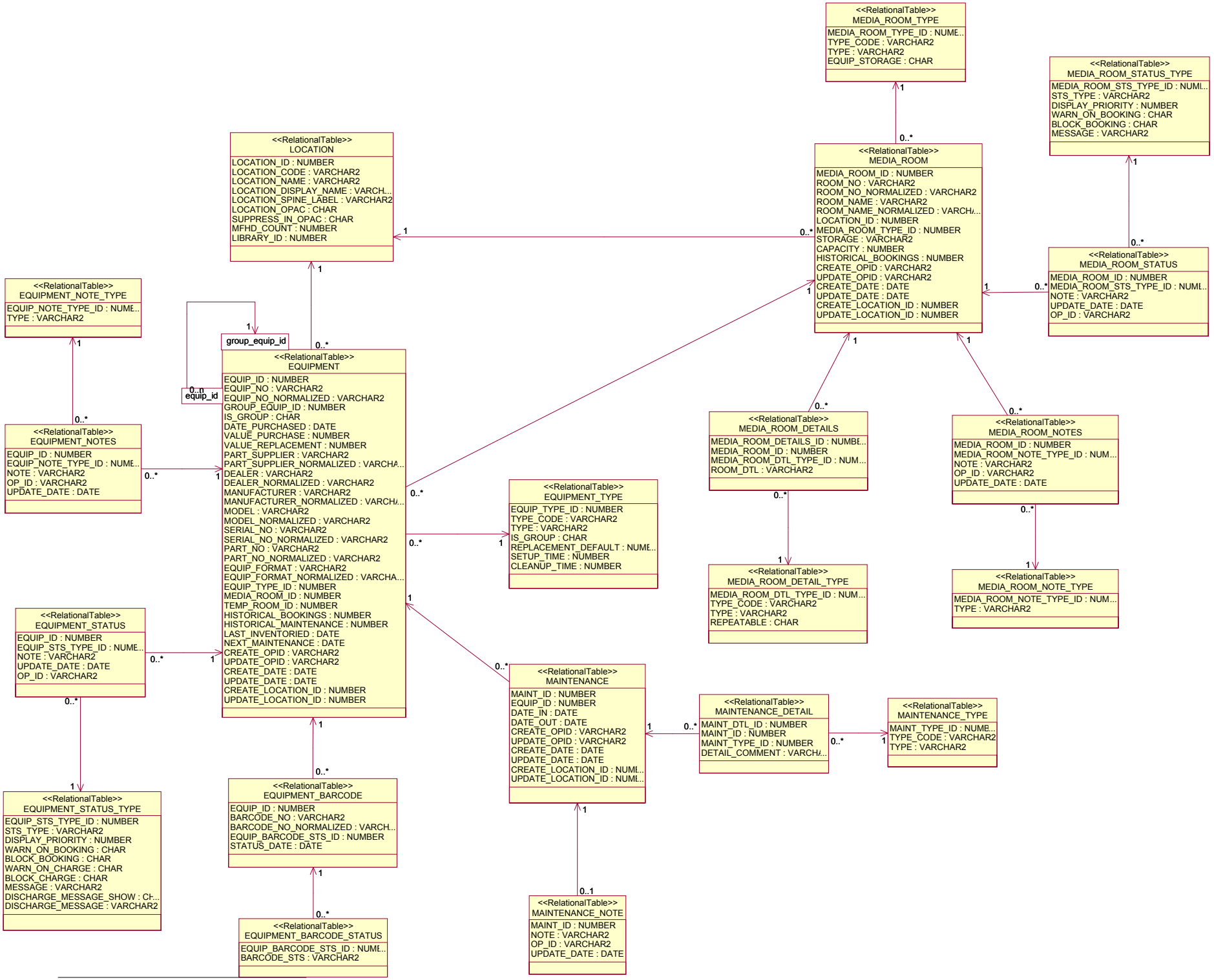

<<RelationalTable>>
INDEX_TYPE
INDEX_TYPE : CHAR
INDEX_NAME : VARCHAR2
<<RelationalTable>>
AUTH_MASTER
AUTH_ID : NUMBER
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUMBER
EXPORT_DATE : DATE
<<RelationalTable>>
AUTH_HEADING
HEADING_ID_POINTER : NUMBER
HEADING_ID_POINTEE : NUMBER
AUTH_ID : NUMBER
REFERENCE_TYPE : CHAR
DISPLAY_HEADING : VARCHAR2
SCOPE_NOTE_PRESENT : CHAR
<<RelationalTable>>
HEADING
HEADING_ID : NUMBER
NORMAL_HEADING : VARCHAR2
DISPLAY_HEADING : VARCHAR2
INDEX_TYPE : CHAR
HEADING_TYPE : CHAR
STAFFBIBS : NUMBER
OPACBIBS : NUMBER
STAFFREFS : VARCHAR2
OPACREFS : VARCHAR2
CREATE_DATE : DATE
UPDATE_DATE : DATE
<<RelationalTable>>
BIB_HEADING
HEADING_ID : NUMBER
BIB_ID : NUMBER
DISPLAY_HEADING : VARCHAR2
SUPPRESS_IN_OPAC : CHAR
<<RelationalTable>>
BIB_MASTER
BIB_ID : NUMBER
LIBRARY_ID : NUMBER
SUPPRESS_IN_OPAC : CHAR
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUMBER
EXPORT_DATE : DATE
<<RelationalTable>>
REFERENCE_TYPE
REFERENCE_TYPE : CHAR
REFERENCE_TYPE_DESC : VARCHAR2
DISPLAY_CONSTANT : VARCHAR2
<<RelationalTable>>
HEADING_SUBDIVISION
HEADING_ID : NUMBER
SUBDIV_ID : NUMBER
<<RelationalTable>>
HEADING_TYPE
INDEX_TYPE : CHAR
HEADING_TYPE : CHAR
HEADING_CODE : VARCHAR2
HEADING_TYPE_DESC : VARCHAR2
STAFFSUPPRESS : CHAR
<<RelationalTable>>
AUTH_SUBDIVISION
SUBDIV_ID_POINTER : NUMBER
SUBDIV_ID_POINTEE : NUMBER
REFERENCE_TYPE : CHAR
AUTH_ID : NUMBER
DISPLAY_SUBDIV : VARCHAR2
<<RelationalTable>>
SUBDIVISION
SUBDIV_ID : NUMBER
NORMAL_SUBDIV : VARCHAR2
DISPLAY_SUBDIV : VARCHAR2
SUBDIV_TYPE : CHAR
HEADING_TYPE : CHAR
AUTHORIZED : CHAR
CREATE_DATE : DATE
UPDATE_DATE : DATE
<<RelationalTable>>
BIB_SUBDIVISION
BIB_ID : NUMBER
SUBDIV_ID : NUMBER
DISPLAY_SUBDIV : VARCHAR2
<<RelationalTable>>
SUBDIVISION_TYPE
SUBDIV_TYPE : CHAR
SUBDIV_TYPE_DESC : VARCHAR2

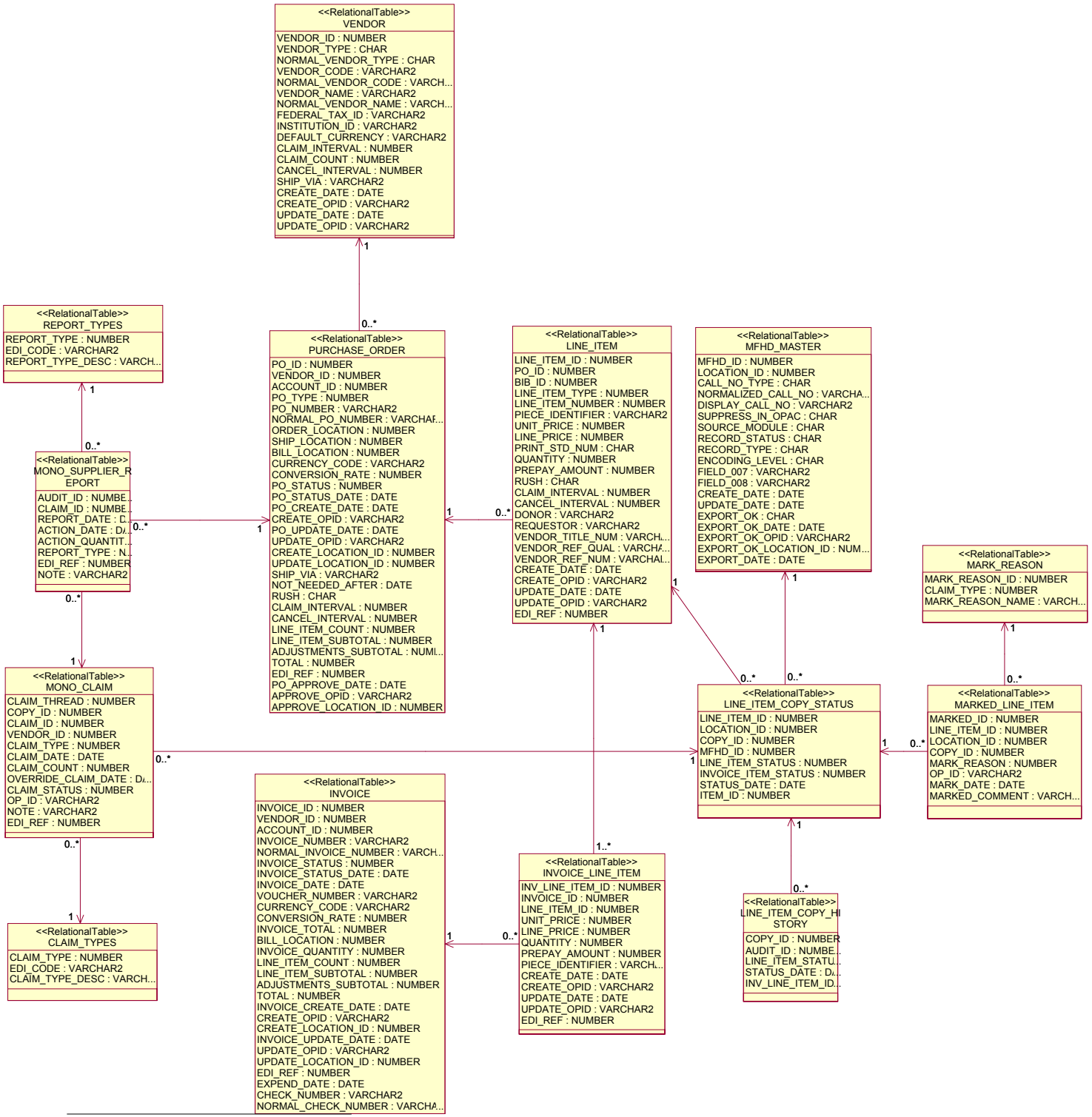

<<RelationalTable>>
CIRC_CLUSTER
CIRC_CLUSTER_ID : NUMBER
CIRC_CLUSTER_CODE : VARCHAR2
CIRC_CLUSTER_NAME : VARCHAR2
DEFAULT_PICKUP_LOCATION : NUMBER
<<RelationalTable>>
PATRON_GROUP
PATRON_GROUP_ID : NUMBER
PATRON_GROUP_CODE : VARCHAR2
PATRON_GROUP_NAME : VARCHAR2
PATRON_GROUP_DISPLAY : VARCHAR2
DEMERITS_APPLIES : CHAR
MAX_DEMERITS : NUMBER
SUSPENSION_DAYS : NUMBER
CIRC_CLUSTER_ID : NUMBER
<<RelationalTable>>
PATRON_BARCODE
PATRON_BARCODE_ID : NUMBER
PATRON_ID : NUMBER
PATRON_GROUP_ID : NUMBER
PATRON_BARCODE : VARCHAR2
BARCODE_STATUS : NUMBER
BARCODE_STATUS_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
HOME_BARCODE_ID : NUMBER
HOME_PATRON_GROUP_ID : NUMBER
<<RelationalTable>>
PATRON_BARCODE_STATUS
BARCODE_STATUS_TYPE : NUMBER
BARCODE_STATUS_DESC : VARCHAR2
<<RelationalTable>>
PATRON
PATRON_ID : NUMBER
NAME_TYPE : NUMBER
LAST_NAME : VARCHAR2
NORMAL_LAST_NAME : VARCHAR2
FIRST_NAME : VARCHAR2
NORMAL_FIRST_NAME : VARCHAR2
MIDDLE_NAME : VARCHAR2
NORMAL_MIDDLE_NAME : VARCHAR2
TITLE : VARCHAR2
SSAN : VARCHAR2
INSTITUTION_ID : VARCHAR2
NORMAL_INSTITUTION_ID : VARCHAR2
REGISTRATION_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
HOME_LOCATION : NUMBER
CREATE_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
MODIFY_LOCATION_ID : NUMBER
MODIFY_DATE : DATE
EXPIRE_DATE : DATE
PURGE_DATE : DATE
CURRENT_CHARGES : NUMBER
TOTAL_FEES_DUE : NUMBER
NOTE_COUNT : NUMBER
CURRENT_HOLD_SHELF : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
ITEMS_RECALLED : NUMBER
HISTORICAL_CHARGES : NUMBER
CLAIMS_RETURN : NUMBER
LOST_ITEMS : NUMBER
SELF_SHELVED : NUMBER
COUNTER_RESET_DATE : DATE
COUNTER_RESET_OPER_ID : VARCHAR2
CURRENT_BOOKINGS : NUMBER
LATE_MEDIA_RETURNS : NUMBER
HISTORICAL_BOOKINGS : NUMBER
CANCELLED_BOOKINGS : NUMBER
UNCLAIMED_BOOKINGS : NUMBER
MEDIA_COUNTER_RESET_DATE : DATE
MEDIA_COUNTER_RESET_OPID : VARCHA...
CURRENT_CALL_SLIPS : NUMBER
HISTORICAL_CALL_SLIPS : NUMBER
HISTORICAL_DISTRIBUTIONS : NUMBER
CURRENT_SHORT_LOANS : NUMBER
HISTORICAL_SHORT_LOANS : NUMBER
UNCLAIMED_SHORT_LOANS : NUMBER
DB_ID : NUMBER
PATRON_ID_UB : NUMBER
CURRENT_CHARGES_UB : NUMBER
HISTORICAL_CHARGES_UB : NUMBER
REQUESTS_UB : NUMBER
HISTORICAL_REQUESTS_UB : NUMBER
CLAIMS_RETURN_UB : NUMBER
LOST_ITEMS_UB : NUMBER
TOTAL_FEES_DUE_UB : NUMBER
SELF_SHELVED_UB : NUMBER
PATRON_PIN : VARCHAR2
SUSPENSION_DATE : DATE
TOTAL_DEMERITS : NUMBER
TOTAL_DEMERITS_DUE_UB : NUMBER
HOLD_RECALL_TYPE:
H=Hold
R=Recall
REQUEST_LEVEL:
T=Title
C=Copy
<<RelationalTable>>
HOLD_RECALL
HOLD_RECALL_ID : NUMBER
PATRON_ID : NUMBER
HOLD_RECALL_TYPE : CHAR
PICKUP_LOCATION : NUMBER
EXPIRE_DATE : DATE
AVAILABLE_NOTICE_COUNT : NUME...
AVAILABLE_NOTICE_DATE : DATE
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
BIB_ID : NUMBER
REQUEST_LEVEL : CHAR
REQUEST_ITEM_COUNT : NUMBER
REQUEST_GROUP_ID : NUMBER
PATRON_COMMENT : VARCHAR2
PATRON_GROUP_ID : NUMBER
CALL_SLIP_ID : NUMBER
HOLDING_DB_ID : NUMBER
<<RelationalTable>>
REQUEST_GROUP
GROUP_ID : NUMBER
GROUP_CODE : VARCHAR2
GROUP_NAME : VARCHAR2
<<RelationalTable>>
REQUEST_GROUP_LOCATION
GROUP_ID : NUMBER
LOCATION_ID : NUMBER
<<RelationalTable>>
LOCATION
LOCATION_ID : NUMBER
LOCATION_CODE : VARCHAR2
LOCATION_NAME : VARCHAR2
LOCATION_DISPLAY_NAME : VARCHAR2
LOCATION_SPINE_LABEL : VARCHAR2
LOCATION_OPAC : CHAR
SUPPRESS_IN_OPAC : CHAR
MFHD_COUNT : NUMBER
LIBRARY_ID : NUMBER
<<RelationalTable>>
HOLD_RECALL_STATUS
HR_STATUS_TYPE : NUMBER
HR_STATUS_DESC : VARCHAR2
<<RelationalTable>>
HOLD_RECALL_ITEMS
HOLD_RECALL_ID : NUMBER
ITEM_ID : NUMBER
QUEUE_POSITION : NUMBER
HOLD_RECALL_TYPE : CHAR
HOLD_RECALL_STATUS : NUMBER
HOLD_RECALL_STATUS_DATE : DATE
<<RelationalTable>>
ITEM
ITEM_ID : NUMBER
PERM_LOCATION : NUMBER
TEMP_LOCATION : NUMBER
ITEM_TYPE_ID : NUMBER
TEMP_ITEM_TYPE_ID : NUMBER
COPY_NUMBER : NUMBER
ON_RESERVE : CHAR
RESERVE_CHARGES : NUMBER
PIECES : NUMBER
PRICE : NUMBER
SPINE_LABEL : VARCHAR2
HISTORICAL_CHARGES : NUMBER
HISTORICAL_BROWSES : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
CREATE_DATE : DATE
MODIFY_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR...
MODIFY_OPERATOR_ID : VARCHAR...
CREATE_LOCATION_ID : NUMBER
MODIFY_LOCATION_ID : NUMBER
ITEM_SEQUENCE_NUMBER : NUME...
HISTORICAL_BOOKINGS : NUMBER
MEDIA_TYPE_ID : NUMBER
SHORT_LOAN_CHARGES : NUMBER
Temporary location
Permanent location
<<RelationalTable>>
ITEM_STATUS
ITEM_ID : NUMBER
ITEM_STATUS : NUMBER
ITEM_STATUS_DATE : DATE
<<RelationalTable>>
ITEM_STATUS_TYPE
ITEM_STATUS_TYPE : NUMBER
ITEM_STATUS_DESC : VARCHAR2
<<RelationalTable>>
BIB_TEXT
BIB_ID : NUMBER
AUTHOR : VARCHAR2
TITLE : VARCHAR2
TITLE_BRIEF : VARCHAR2
UNIFORM_TITLE : VARCHAR2
EDITION : VARCHAR2
ISBN : VARCHAR2
ISSN : VARCHAR2
LCCN : VARCHAR2
NETWORK_NUMBER : VARCHAR2
SERIES : VARCHAR2
CODEN : VARCHAR2
GPONUM : VARCHAR2
STDTECH : VARCHAR2
OTHER_STD_NUM : VARCHAR2
BEGIN_PUB_DATE : VARCHAR2
END_PUB_DATE : VARCHAR2
PUB_DATES_COMBINED : VARCHA...
PUBLISHER_DATE : VARCHAR2
PUB_PLACE : VARCHAR2
PUBLISHER : VARCHAR2
PUBLISHER_NUMBER : VARCHAR2
IMPRINT : VARCHAR2
LANGUAGE : VARCHAR2
BIB_FORMAT : VARCHAR2
RECORD_STATUS : VARCHAR2
ENCODING_LEVEL : VARCHAR2
DESCRIP_FORM : VARCHAR2
FIELD_008 : VARCHAR2
PLACE_CODE : VARCHAR2
DATE_TYPE_STATUS : CHAR
MAP_PROJECTION : CHAR
MAP_MATH_DATA : VARCHAR2
STOCK_NUMBER : VARCHAR2
<<RelationalTable>>
BIB_MASTER
BIB_ID : NUMBER
LIBRARY_ID : NUMBER
SUPPRESS_IN_OPAC : CHAR
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUMBER
EXPORT_DATE : DATE
<<RelationalTable>>
BIB_ITEM
BIB_ID : NUMBER
ITEM_ID : NUMBER
ADD_DATE : DATE
OPERATOR_ID : VARCHAR2
<<RelationalTable>>
HOLD_RECALL_ARCHIVE
HOLD_RECALL_ID : NUMBER
HOLD_RECALL_TYPE : CHAR
PICKUP_LOCATION : NUMBER
EXPIRE_DATE : DATE
AVAILABLE_NOTICE_COUNT : NUME...
AVAILABLE_NOTICE_DATE : DATE
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
BIB_ID : NUMBER
REQUEST_LEVEL : CHAR
REQUEST_ITEM_COUNT : NUMBER
REQUEST_GROUP_ID : NUMBER
PATRON_COMMENT : VARCHAR2
PATRON_ID : NUMBER
PATRON_GROUP_ID : NUMBER
CALL_SLIP_ID : NUMBER
HOLDING_DB_ID : NUMBER
<<RelationalTable>>
HOLD_RECALL_ITEM_ARCHIVE
HOLD_RECALL_ID : NUMBER
ITEM_ID : NUMBER
HOLD_RECALL_TYPE : CHAR
HOLD_RECALL_STATUS : NUMBER
HOLD_RECALL_STATUS_DATE : DATE
<<RelationalTable>>
HOLD_RECALL_STATS
HOLD_RECALL_ID : NUMBER
PATRON_STAT_ID : NUMBER

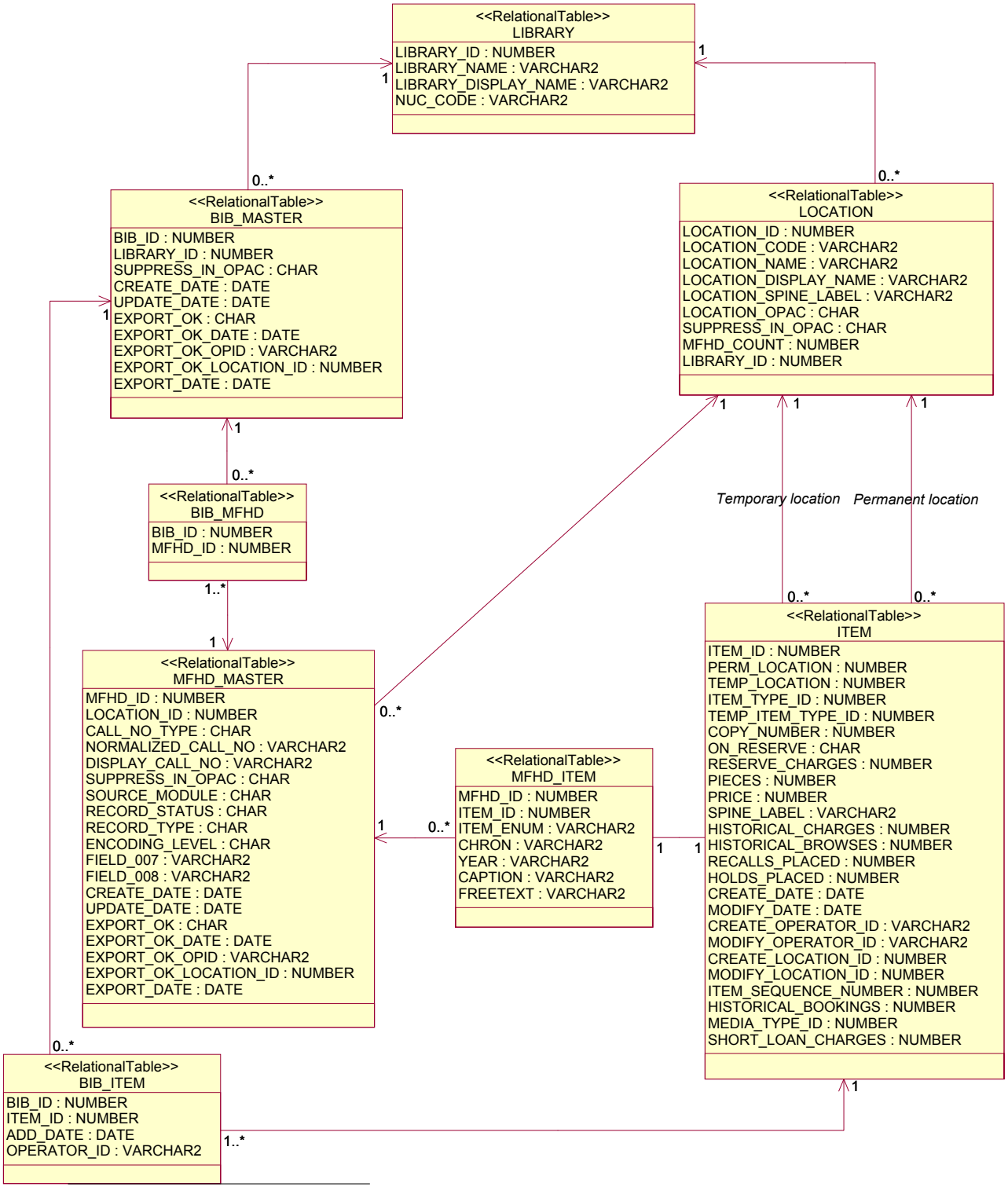

<<RelationalTable>>
FISCAL_PERIOD
FISCAL_PERIOD_ID : NUMBER
FISCAL_PERIOD_NAME : VARCH...
START_DATE : DATE
END_DATE : DATE
<<RelationalTable>>
PURCHASE_ORDER
PO_ID : NUMBER
VENDOR_ID : NUMBER
ACCOUNT_ID : NUMBER
PO_TYPE : NUMBER
PO_NUMBER : VARCHAR2
NORMAL_PO_NUMBER : VARCHAR...
ORDER_LOCATION : NUMBER
SHIP_LOCATION : NUMBER
BILL_LOCATION : NUMBER
CURRENCY_CODE : VARCHAR2
CONVERSION_RATE : NUMBER
PO_STATUS : NUMBER
PO_STATUS_DATE : DATE
PO_CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
PO_UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
UPDATE_LOCATION_ID : NUMBER
SHIP_VIA : VARCHAR2
NOT_NEEDED_AFTER : DATE
RUSH : CHAR
CLAIM_INTERVAL : NUMBER
CANCEL_INTERVAL : NUMBER
LINE_ITEM_COUNT : NUMBER
LINE_ITEM_SUBTOTAL : NUMBER
ADJUSTMENTS_SUBTOTAL : NUMB...
TOTAL : NUMBER
EDI_REF : NUMBER
PO_APPROVE_DATE : DATE
APPROVE_OPID : VARCHAR2
APPROVE_LOCATION_ID : NUMBER
TRANS TYPE
Initial allocation..1
Fund increase.....2
Fund decrease.....3
Commitment.....4
Expenditure.....5
Transfer in.....6
Transfer out.....7
<<RelationalTable>>
LEDGER
LEDGER_ID : NUMBER
FISCAL_YEAR_ID : NUMBER
ACQ_POLICY_ID : NUMBER
LEDGER_NAME : VARCHAR2
NORMAL_LEDGER_NAME : VARCHAR2
OVERCOMMIT : CHAR
OVERCOMMIT_WARN : NUMBER
OVERCOMMIT_PERCENT : NUMBER
COMMIT_FREEZE : DATE
UNDERCOMMIT_PERCENT : NUMBER
OVEREXPEND : CHAR
OVEREXPEND_WARN : NUMBER
OVEREXPEND_PERCENT : NUMBER
EXPEND_FREEZE : DATE
UNDEREXPEND_PERCENT : NUMBER
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
RULE_ID : NUMBER
NEW_LEDGER_NAME : VARCHAR2
NORMAL_NEW_LEDGER_NAME : VARCH...
NEW_LEDGER_ID : NUMBER
<<RelationalTable>>
PO_FUNDS
PO_ID : NUMBER
LEDGER_ID : NUMBER
FUND_ID : NUMBER
COMMIT_PENDING : NUMB...
COMMITMENTS : NUMBER
EXPEND_PENDING : NUMB...
EXPENDITURES : NUMBER
<<RelationalTable>>
INVOICE
INVOICE_ID : NUMBER
VENDOR_ID : NUMBER
ACCOUNT_ID : NUMBER
INVOICE_NUMBER : VARCHAR2
NORMAL_INVOICE_NUMBER : VARCH...
INVOICE_STATUS : NUMBER
INVOICE_STATUS_DATE : DATE
INVOICE_DATE : DATE
VOUCHER_NUMBER : VARCHAR2
CURRENCY_CODE : VARCHAR2
CONVERSION_RATE : NUMBER
INVOICE_TOTAL : NUMBER
BILL_LOCATION : NUMBER
INVOICE_QUANTITY : NUMBER
LINE_ITEM_COUNT : NUMBER
LINE_ITEM_SUBTOTAL : NUMBER
ADJUSTMENTS_SUBTOTAL : NUMBER
TOTAL : NUMBER
INVOICE_CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
INVOICE_UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
UPDATE_LOCATION_ID : NUMBER
EDI_REF : NUMBER
EXPEND_DATE : DATE
CHECK_NUMBER : VARCHAR2
NORMAL_CHECK_NUMBER : VARCHA...
<<RelationalTable>>
FUND_TRANSACTION
FUND_ID : NUMBER
AUDIT_ID : NUMBER
LEDGER_ID : NUMBER
TRANS_TYPE : NUMBER
AMOUNT : NUMBER
TRANS_DATE : DATE
OPERATOR_ID : VARCHAR2
REFERENCE_NO : VARCHA...
STATISTICAL_FUND : NUME...
NOTE : VARCHAR2
<<RelationalTable>>
LEDGER_LOCATIONS
LEDGER_ID : NUMBER
LOCATION_ID : NUME...
<<RelationalTable>>
LEDGER_NOTE
LEDGER_ID : NUME...
NOTE : VARCHAR2
<<RelationalTable>>
LOCATION
LOCATION_ID : NUMBER
LOCATION_CODE : VARCHAR2
LOCATION_NAME : VARCHAR2
LOCATION_DISPLAY_NAME : VARCH...
LOCATION_SPINE_LABEL : VARCHAL...
LOCATION_OPAC : CHAR
SUPPRESS_IN_OPAC : CHAR
MFHD_COUNT : NUMBER
LIBRARY_ID : NUMBER
<<RelationalTable>>
FUND_NOTE
FUND_ID : NUMBER
LEDGER_ID : NUMBER
FUND_NOTE : VARCHA...
<<RelationalTable>>
FUND
FUND_ID : NUMBER
LEDGER_ID : NUMBER
PARENT_FUND : NUMBER
FUND_NAME : VARCHAR2
NORMAL_FUND_NAME : VARCHAL...
FUND_CODE : VARCHAR2
NORMAL_FUND_CODE : VARCHAL...
CATEGORY : NUMBER
FUND_TYPE : NUMBER
BEGIN_DATE : DATE
END_DATE : DATE
INSTITUTION_FUND_ID : VARCHA...
EXPEND_ONLY : CHAR
ORIGINAL_ALLOCATION : NUMBER
ALLOCATION_INCREASE : NUMBE...
ALLOCATION_DECREASE : NUMB...
COMMIT_PENDING : NUMBER
COMMITMENTS : NUMBER
EXPEND_PENDING : NUMBER
EXPENDITURES : NUMBER
OVERCOMMIT : CHAR
OVERCOMMIT_WARN : NUMBER
OVERCOMMIT_PERCENT : NUMBE...
COMMIT_FREEZE : DATE
UNDERCOMMIT_PERCENT : NUMB...
OVEREXPEND : CHAR
OVEREXPEND_WARN : NUMBER
OVEREXPEND_PERCENT : NUMBE...
EXPEND_FREEZE : DATE
UNDEREXPEND_PERCENT : NUMB...
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
...
parent_fund
fund_id
Parent
<<RelationalTable>>
INVOICE_FUNDS
INVOICE_ID : NUMBER
LEDGER_ID : NUMBER
FUND_ID : NUMBER
COMMIT_PENDING : NUMB...
COMMITMENTS : NUMBER
EXPEND_PENDING : NUMB...
EXPENDITURES : NUMBER
<<RelationalTable>>
INVOICE_LINE_ITEM
_FUNDS
COPY_ID : NUMBE...
INV_LINE_ITEM_ID...
SPLIT_FUND_SEQ...
LEDGER_ID : NUM...
FUND_ID : NUMBER
PERCENTAGE : NU...
AMOUNT : NUMBER
<<RelationalTable>>
FUND_TYPE
FUND_TYPE_ID : NUMBER
FUND_TYPE_NAME : VARCH...
COMMIT_WARNING : NUMBER
EXPEND_WARNING : NUMBER
OVERCOMMIT_LIMIT : NUMB...
OVEREXPEND_LIMIT : NUMB...
UNDERCOMMIT : NUMBER
UNDEREXPEND : NUMBER
<<RelationalTable>>
FUND_PAYMENT
PAYMENT_ID : NUMBER
SPLIT_FUND_SEQ : NUMB...
LEDGER_ID : NUMBER
FUND_ID : NUMBER
PERCENTAGE : NUMBER
AMOUNT : NUMBER
<<RelationalTable>>
LINE_ITEM_FUNDS
COPY_ID : NUMBER
SPLIT_FUND_SEQ : NUMBER
LEDGER_ID : NUMBER
FUND_ID : NUMBER
PERCENTAGE : NUMBER
PREPAY_PERCENTAGE : NUMB...
AMOUNT : NUMBER
PREPAY : NUMBER


<<RelationalTable>>
AUTH_MASTER
AUTH_ID : NUMBER
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUMBE...
EXPORT_DATE : DATE
1
0..*
<<RelationalTable>>
AUTH_INDEX
AUTH_ID : NUMBER
INDEX_CODE : CHAR
NORMAL_HEADING : VARCHAR2
DISPLAY_HEADING : VARCHAR2
0..*
1
<<RelationalTable>>
SEARCHPARM
SEARCHCODE : CHAR
SEARCHNAME : VARCHAR2
INDEXRULES : VARCHAR2
OPACSUPPRESS : CHAR
STAFFSUPPRESS : CHAR
DISPLAYFIELD1 : VARCHAR2
DISPLAYFIELD2 : VARCHAR2
DISPLAYFIELD3 : VARCHAR2
SORTFIELD1 : VARCHAR2
SORTFIELD2 : VARCHAR2
SORTFIELD3 : VARCHAR2
OPACCOUNT : NUMBER
CIRCCOUNT : NUMBER
ACQCOUNT : NUMBER
CATCOUNT : NUMBER
ORDERING : NUMBER
Z3950_USE_ATTRIBUTE : NUMBER
MEDIACOUNT : NUMBER
Bigliographic:
Index rules IX=B
or IX=C
Authority:
Index rules IX=A
1
0..*
<<RelationalTable>>
BIB_INDEX
BIB_ID : NUMBER
INDEX_CODE : CHAR
NORMAL_HEADING : VARCHAR2
DISPLAY_HEADING : VARCHAR2
0..*
1
<<RelationalTable>>
BIB_TEXT
BIB_ID : NUMBER
AUTHOR : VARCHAR2
TITLE : VARCHAR2
TITLE_BRIEF : VARCHAR2
UNIFORM_TITLE : VARCHAR2
EDITION : VARCHAR2
ISBN : VARCHAR2
ISSN : VARCHAR2
LCCN : VARCHAR2
NETWORK_NUMBER : VARCHAR2
SERIES : VARCHAR2
CODEN : VARCHAR2
GPONUM : VARCHAR2
STDTECH : VARCHAR2
OTHER_STD_NUM : VARCHAR2
BEGIN_PUB_DATE : VARCHAR2
END_PUB_DATE : VARCHAR2
PUB_DATES_COMBINED : VARCHAR2
PUBLISHER_DATE : VARCHAR2
PUB_PLACE : VARCHAR2
PUBLISHER : VARCHAR2
PUBLISHER_NUMBER : VARCHAR2
IMPRINT : VARCHAR2
LANGUAGE : VARCHAR2
BIB_FORMAT : VARCHAR2
RECORD_STATUS : VARCHAR2
ENCODING_LEVEL : VARCHAR2
DESCRIP_FORM : VARCHAR2
FIELD_008 : VARCHAR2
PLACE_CODE : VARCHAR2
DATE_TYPE_STATUS : CHAR
MAP_PROJECTION : CHAR
MAP_MATH_DATA : VARCHAR2
STOCK_NUMBER : VARCHAR2
1
1
<<RelationalTable>>
BIB_MASTER
BIB_ID : NUMBER
LIBRARY_ID : NUMBER
SUPPRESS_IN_OPAC : CHAR
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUMBE...
EXPORT_DATE : DATE
Left-anchored indexes

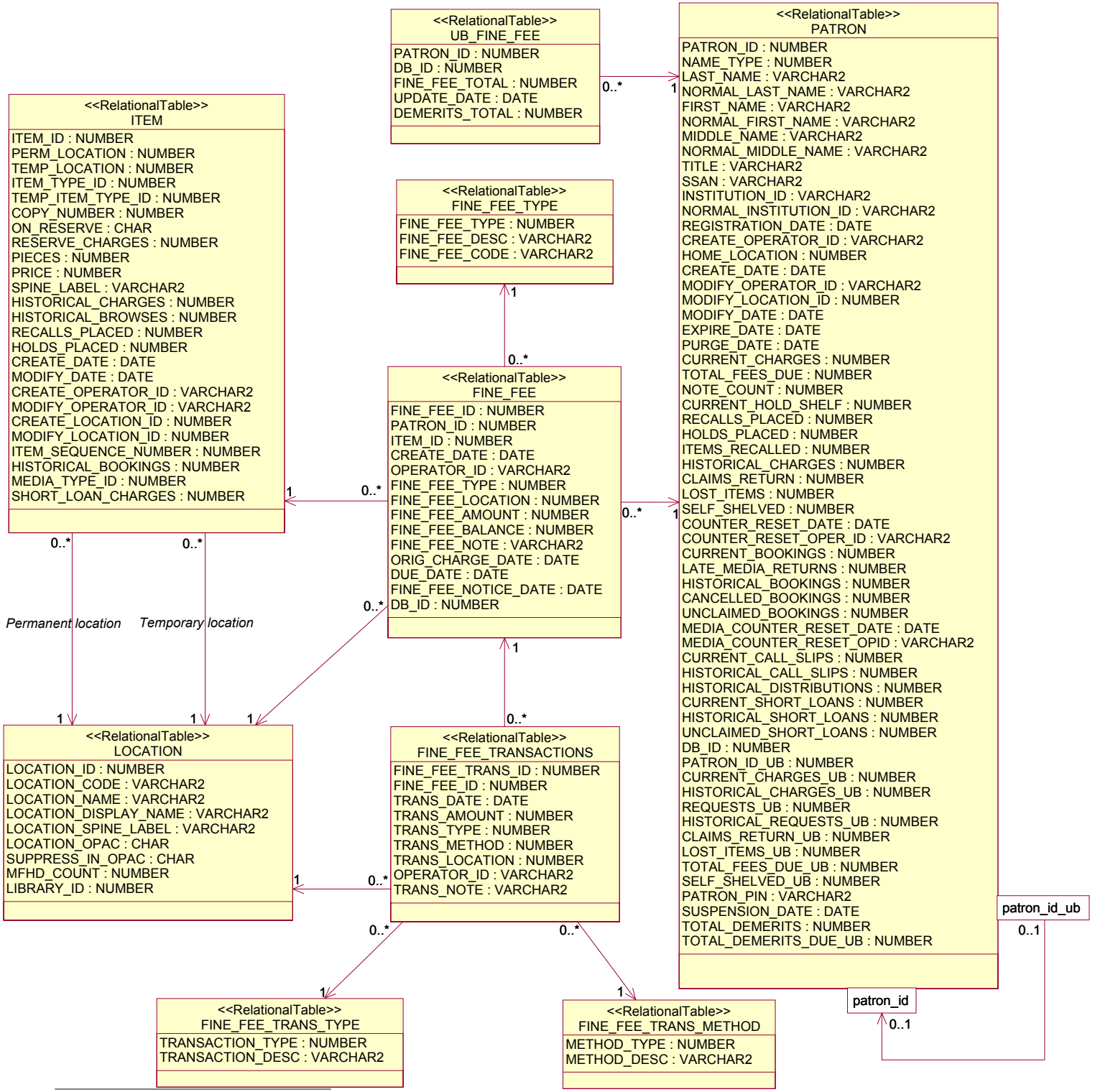

<<RelationalTable>>
MEDIA_TYPE
MEDIA_TYPE_ID : NUMBER
TYPE_CODE : VARCHAR2
TYPE : VARCHAR2
<<RelationalTable>>
ITEM
ITEM_ID : NUMBER
PERM_LOCATION : NUMBER
TEMP_LOCATION : NUMBER
ITEM_TYPE_ID : NUMBER
TEMP_ITEM_TYPE_ID : NUMBER
COPY_NUMBER : NUMBER
ON_RESERVE : CHAR
RESERVE_CHARGES : NUMBER
PIECES : NUMBER
PRICE : NUMBER
SPINE_LABEL : VARCHAR2
HISTORICAL_CHARGES : NUMBER
HISTORICAL_BROWSES : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
CREATE_DATE : DATE
MODIFY_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
MODIFY_OPERATOR_ID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
MODIFY_LOCATION_ID : NUMBER
ITEM_SEQUENCE_NUMBER : NUMBER
HISTORICAL_BOOKINGS : NUMBER
MEDIA_TYPE_ID : NUMBER
SHORT_LOAN_CHARGES : NUMBER
Permanent location
Temporary location
<<RelationalTable>>
CIRC_CLUSTER
CIRC_CLUSTER_ID : NUMBER
CIRC_CLUSTER_CODE : VARCHAR2
CIRC_CLUSTER_NAME : VARCHAR2
DEFAULT_PICKUP_LOCATION : NUMBER
<<RelationalTable>>
BIB_MASTER
BIB_ID : NUMBER
LIBRARY_ID : NUMBER
SUPPRESS_IN_OPAC : CHAR
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUMBER
EXPORT_DATE : DATE
<<RelationalTable>>
MEDIA_SCHEDULE_ITEM
MEDIA_SCHEDULE_ID : NUMBER
MEDIA_SCHEDULE_TRANS_TYPE_ID : NUMBER
FINE_FEE_ID : NUMBER
COUNT_ID : NUMBER
MEDIA_TYPE_ID : NUMBER
BIB_ID : NUMBER
MFHD_ID : NUMBER
ITEM_ID : NUMBER
UPDATE_DATE : DATE
LOCATION_ID : NUMBER
OP_ID : VARCHAR2
<<RelationalTable>>
PATRON_GROUP
PATRON_GROUP_ID : NUMBER
PATRON_GROUP_CODE : VARCHAR2
PATRON_GROUP_NAME : VARCHAR2
PATRON_GROUP_DISPLAY : VARCHAR2
DEMERITS_APPLIES : CHAR
MAX_DEMERITS : NUMBER
SUSPENSION_DAYS : NUMBER
CIRC_CLUSTER_ID : NUMBER
<<RelationalTable>>
PATRON
PATRON_ID : NUMBER
NAME_TYPE : NUMBER
LAST_NAME : VARCHAR2
NORMAL_LAST_NAME : VARCHAR2
FIRST_NAME : VARCHAR2
NORMAL_FIRST_NAME : VARCHAR2
MIDDLE_NAME : VARCHAR2
NORMAL_MIDDLE_NAME : VARCHAR2
TITLE : VARCHAR2
SSAN : VARCHAR2
INSTITUTION_ID : VARCHAR2
NORMAL_INSTITUTION_ID : VARCHAR2
REGISTRATION_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
HOME_LOCATION : NUMBER
CREATE_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
MODIFY_LOCATION_ID : NUMBER
MODIFY_DATE : DATE
EXPIRE_DATE : DATE
PURGE_DATE : DATE
CURRENT_CHARGES : NUMBER
TOTAL_FEES_DUE : NUMBER
NOTE_COUNT : NUMBER
CURRENT_HOLD_SHELF : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
ITEMS_RECALLED : NUMBER
HISTORICAL_CHARGES : NUMBER
CLAIMS_RETURN : NUMBER
LOST_ITEMS : NUMBER
SELF_SHELVED : NUMBER
COUNTER_RESET_DATE : DATE
COUNTER_RESET_OPER_ID : VARCHAR2
CURRENT_BOOKINGS : NUMBER
LATE_MEDIA_RETURNS : NUMBER
HISTORICAL_BOOKINGS : NUMBER
CANCELLED_BOOKINGS : NUMBER
UNCLAIMED_BOOKINGS : NUMBER
MEDIA_COUNTER_RESET_DATE : DATE
MEDIA_COUNTER_RESET_OPID : VARCHAR2
CURRENT_CALL_SLIPS : NUMBER
HISTORICAL_CALL_SLIPS : NUMBER
HISTORICAL_DISTRIBUTIONS : NUMBER
CURRENT_SHORT_LOANS : NUMBER
HISTORICAL_SHORT_LOANS : NUMBER
UNCLAIMED_SHORT_LOANS : NUMBER
DB_ID : NUMBER
PATRON_ID_UB : NUMBER
CURRENT_CHARGES_UB : NUMBER
HISTORICAL_CHARGES_UB : NUMBER
REQUESTS_UB : NUMBER
HISTORICAL_REQUESTS_UB : NUMBER
CLAIMS_RETURN_UB : NUMBER
LOST_ITEMS_UB : NUMBER
TOTAL_FEES_DUE_UB : NUMBER
SELF_SHELVED_UB : NUMBER
PATRON_PIN : VARCHAR2
SUSPENSION_DATE : DATE
TOTAL_DEMERITS : NUMBER
TOTAL_DEMERITS_DUE_UB : NUMBER
<<RelationalTable>>
MEDIA_SCHEDULE
MEDIA_SCHEDULE_ID : NUMBER
MEDIA_SCHEDULE_POLICY_ID : NUMBER
PATRON_GROUP_ID : NUMBER
PATRON_ID : NUMBER
PATRON_ID_PICKED_UP : NUMBER
CONFIRM_NO : VARCHAR2
CONFIRM_DATE : DATE
MEDIA_BOOKING_TYPE_ID : NUMBER
ADMIN_BOOKING : CHAR
STAGING_LOCATION_ID : NUMBER
BOOKING_SETUP_DATE : DATE
BOOKING_SETUP : NUMBER
BOOKING_START : DATE
BOOKING_END : DATE
BOOKING_CLEANUP_DATE : DATE
BOOKING_CLEANUP : NUMBER
SCHED_COMMENT : VARCHAR2
OPERATOR_DELIVERY : NUMBER
OPERATOR_PICKUP : NUMBER
WIZARD : CHAR
CREATE_LOCATION_ID : NUMBER
CREATE_OPID : VARCHAR2
CREATE_DATE : DATE
UPDATE_LOCATION_ID : NUMBER
UPDATE_OPID : VARCHAR2
UPDATE_DATE : DATE
STAGING_LOCATION_ID: Pickup/delivery
CREATE_LOCATION_ID: Booking
<<RelationalTable>>
MEDIA_SCHEDULE_EQUIPMENT
MEDIA_SCHEDULE_ID : NUMBER
MEDIA_SCHEDULE_TRANS_TYPE_ID : NUMBER
FINE_FEE_ID : NUMBER
COUNT_ID : NUMBER
EQUIP_TYPE_ID : NUMBER
EQUIP_ID : NUMBER
FULFILL_ITEM : CHAR
IN_ROOM : CHAR
UPDATE_DATE : DATE
LOCATION_ID : NUMBER
OP_ID : VARCHAR2
<<RelationalTable>>
PATRON_BARCODE
PATRON_BARCODE_ID : NUMBER
PATRON_ID : NUMBER
PATRON_GROUP_ID : NUMBER
PATRON_BARCODE : VARCHAR2
BARCODE_STATUS : NUMBER
BARCODE_STATUS_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
HOME_BARCODE_ID : NUMBER
HOME_PATRON_GROUP_ID : NUMBER
<<RelationalTable>>
PATRON_BARCODE_STATUS
BARCODE_STATUS_TYPE : NUMBER
BARCODE_STATUS_DESC : VARCHAR2
<<RelationalTable>>
EQUIPMENT
EQUIP_ID : NUMBER
EQUIP_NO : VARCHAR2
EQUIP_NO_NORMALIZED : VARCHAR2
GROUP_EQUIP_ID : NUMBER
IS_GROUP : CHAR
DATE_PURCHASED : DATE
VALUE_PURCHASE : NUMBER
VALUE_REPLACEMENT : NUMBER
PART_SUPPLIER : VARCHAR2
PART_SUPPLIER_NORMALIZED : VARCHAR2
DEALER : VARCHAR2
DEALER_NORMALIZED : VARCHAR2
MANUFACTURER : VARCHAR2
MANUFACTURER_NORMALIZED : VARCHAR2
MODEL : VARCHAR2
MODEL_NORMALIZED : VARCHAR2
SERIAL_NO : VARCHAR2
SERIAL_NO_NORMALIZED : VARCHAR2
PART_NO : VARCHAR2
PART_NO_NORMALIZED : VARCHAR2
EQUIP_FORMAT : VARCHAR2
EQUIP_FORMAT_NORMALIZED : VARCHAR2
EQUIP_TYPE_ID : NUMBER
MEDIA_ROOM_ID : NUMBER
TEMP_ROOM_ID : NUMBER
HISTORICAL_BOOKINGS : NUMBER
HISTORICAL_MAINTENANCE : NUMBER
LAST_INVENTORIED : DATE
NEXT_MAINTENANCE : DATE
CREATE_OPID : VARCHAR2
UPDATE_OPID : VARCHAR2
CREATE_DATE : DATE
UPDATE_DATE : DATE
CREATE_LOCATION_ID : NUMBER
UPDATE_LOCATION_ID : NUMBER
<<RelationalTable>>
MEDIA_ROOM
MEDIA_ROOM_ID : NUMBER
ROOM_NO : VARCHAR2
ROOM_NO_NORMALIZED : VARCHAR2
ROOM_NAME : VARCHAR2
ROOM_NAME_NORMALIZED : VARCHAR2
LOCATION_ID : NUMBER
MEDIA_ROOM_TYPE_ID : NUMBER
STORAGE : VARCHAR2
CAPACITY : NUMBER
HISTORICAL_BOOKINGS : NUMBER
CREATE_OPID : VARCHAR2
UPDATE_OPID : VARCHAR2
CREATE_DATE : DATE
UPDATE_DATE : DATE
CREATE_LOCATION_ID : NUMBER
UPDATE_LOCATION_ID : NUMBER
<<RelationalTable>>
MEDIA_ROOM_TYPE
MEDIA_ROOM_TYPE_ID : NUMBER
TYPE_CODE : VARCHAR2
TYPE : VARCHAR2
EQUIP_STORAGE : CHAR
<<RelationalTable>>
MEDIA_SCHEDULE_ROOM
MEDIA_SCHEDULE_ID : NUMBER
MEDIA_SCHEDULE_TRANS_TYPE_ID : NUMBER
FINE_FEE_ID : NUMBER
COUNT_ID : NUMBER
MEDIA_ROOM_TYPE_ID : NUMBER
LOCATION_ID : NUMBER
CAPACITY_NEEDED : NUMBER
CAPACITY_OPERATOR : NUMBER
MEDIA_ROOM_ID : NUMBER
ROOM_KEY_ID : NUMBER
UPDATE_DATE : DATE
TRANS_LOCATION_ID : NUMBER
OP_ID : VARCHAR2
<<RelationalTable>>
EQUIPMENT_TYPE
EQUIP_TYPE_ID : NUMBER
TYPE_CODE : VARCHAR2
TYPE : VARCHAR2
IS_GROUP : CHAR
REPLACEMENT_DEFAULT : NUMBER
SETUP_TIME : NUMBER
CLEANUP_TIME : NUMBER
<<RelationalTable>>
LOCATION
LOCATION_ID : NUMBER
LOCATION_CODE : VARCHAR2
LOCATION_NAME : VARCHAR2
LOCATION_DISPLAY_NAME : VARI...
LOCATION_SPINE_LABEL : VARCH...
LOCATION_OPAC : CHAR
SUPPRESS_IN_OPAC : CHAR
MFHD_COUNT : NUMBER
LIBRARY_ID : NUMBER

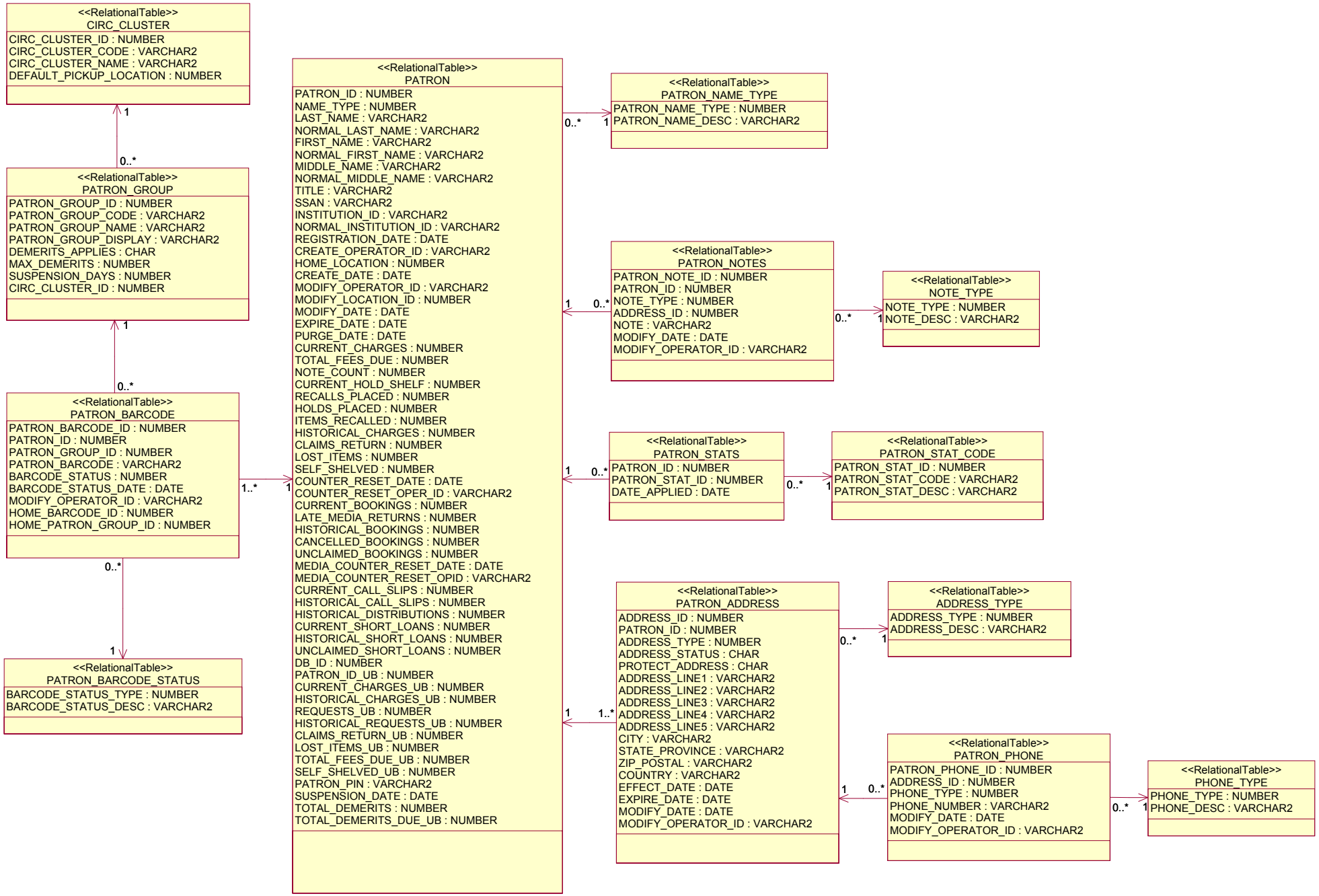

<<RelationalTable>>
MEDIA_ROOM_TYPE
MEDIA_ROOM_TYPE_ID : NUME...
TYPE_CODE : VARCHAR2
TYPE : VARCHAR2
EQUIP_STORAGE : CHAR
<<RelationalTable>>
MEDIA_ROOM_STATUS_TYPE
MEDIA_ROOM_STS_TYPE_ID : NUMI...
STS_TYPE : VARCHAR2
DISPLAY_PRIORITY : NUMBER
WARN_ON_BOOKING : CHAR
BLOCK_BOOKING : CHAR
MESSAGE : VARCHAR2
<<RelationalTable>>
LOCATION
LOCATION_ID : NUMBER
LOCATION_CODE : VARCHAR2
LOCATION_NAME : VARCHAR2
LOCATION_DISPLAY_NAME : VARCH...
LOCATION_SPINE_LABEL : VARCHAR2
LOCATION_OPAC : CHAR
SUPPRESS_IN_OPAC : CHAR
MFHD_COUNT : NUMBER
LIBRARY_ID : NUMBER
<<RelationalTable>>
MEDIA_ROOM
MEDIA_ROOM_ID : NUMBER
ROOM_NO : VARCHAR2
ROOM_NO_NORMALIZED : VARCHAR2
ROOM_NAME : VARCHAR2
ROOM_NAME_NORMALIZED : VARCHA...
LOCATION_ID : NUMBER
MEDIA_ROOM_TYPE_ID : NUMBER
STORAGE : VARCHAR2
CAPACITY : NUMBER
HISTORICAL_BOOKINGS : NUMBER
CREATE_OPID : VARCHAR2
UPDATE_OPID : VARCHAR2
CREATE_DATE : DATE
UPDATE_DATE : DATE
CREATE_LOCATION_ID : NUMBER
UPDATE_LOCATION_ID : NUMBER
<<RelationalTable>>
MEDIA_ROOM_STATUS
MEDIA_ROOM_ID : NUMBER
MEDIA_ROOM_STS_TYPE_ID : NUMI...
NOTE : VARCHAR2
UPDATE_DATE : DATE
OP_ID : VARCHAR2
<<RelationalTable>>
EQUIPMENT_NOTE_TYPE
EQUIP_NOTE_TYPE_ID : NUME...
TYPE : VARCHAR2
group_equip_id
equip_id
<<RelationalTable>>
EQUIPMENT
EQUIP_ID : NUMBER
EQUIP_NO : VARCHAR2
EQUIP_NO_NORMALIZED : VARCHAR2
GROUP_EQUIP_ID : NUMBER
IS_GROUP : CHAR
DATE_PURCHASED : DATE
VALUE_PURCHASE : NUMBER
VALUE_REPLACEMENT : NUMBER
PART_SUPPLIER : VARCHAR2
PART_SUPPLIER_NORMALIZED : VARCHA...
DEALER : VARCHAR2
DEALER_NORMALIZED : VARCHAR2
MANUFACTURER : VARCHAR2
MANUFACTURER_NORMALIZED : VARCHA...
MODEL : VARCHAR2
MODEL_NORMALIZED : VARCHAR2
SERIAL_NO : VARCHAR2
SERIAL_NO_NORMALIZED : VARCHAR2
PART_NO : VARCHAR2
PART_NO_NORMALIZED : VARCHAR2
EQUIP_FORMAT : VARCHAR2
EQUIP_FORMAT_NORMALIZED : VARCHA...
EQUIP_TYPE_ID : NUMBER
MEDIA_ROOM_ID : NUMBER
TEMP_ROOM_ID : NUMBER
HISTORICAL_BOOKINGS : NUMBER
HISTORICAL_MAINTENANCE : NUMBER
LAST_INVENTORIED : DATE
NEXT_MAINTENANCE : DATE
CREATE_OPID : VARCHAR2
UPDATE_OPID : VARCHAR2
CREATE_DATE : DATE
UPDATE_DATE : DATE
CREATE_LOCATION_ID : NUMBER
UPDATE_LOCATION_ID : NUMBER
<<RelationalTable>>
EQUIPMENT_NOTES
EQUIP_ID : NUMBER
EQUIP_NOTE_TYPE_ID : NUME...
NOTE : VARCHAR2
OP_ID : VARCHAR2
UPDATE_DATE : DATE
<<RelationalTable>>
EQUIPMENT_TYPE
EQUIP_TYPE_ID : NUMBER
TYPE_CODE : VARCHAR2
TYPE : VARCHAR2
IS_GROUP : CHAR
REPLACEMENT_DEFAULT : NUME...
SETUP_TIME : NUMBER
CLEANUP_TIME : NUMBER
<<RelationalTable>>
MEDIA_ROOM_DETAILS
MEDIA_ROOM_DETAILS_ID : NUMBE...
MEDIA_ROOM_ID : NUMBER
MEDIA_ROOM_DTL_TYPE_ID : NUM...
ROOM_DTL : VARCHAR2
<<RelationalTable>>
MEDIA_ROOM_NOTES
MEDIA_ROOM_ID : NUMBER
MEDIA_ROOM_NOTE_TYPE_ID : NUM...
NOTE : VARCHAR2
OP_ID : VARCHAR2
UPDATE_DATE : DATE
<<RelationalTable>>
MEDIA_ROOM_DETAIL_TYPE
MEDIA_ROOM_DTL_TYPE_ID : NUM...
TYPE_CODE : VARCHAR2
TYPE : VARCHAR2
REPEATABLE : CHAR
<<RelationalTable>>
MEDIA_ROOM_NOTE_TYPE
MEDIA_ROOM_NOTE_TYPE_ID : NUM...
TYPE : VARCHAR2
<<RelationalTable>>
EQUIPMENT_STATUS
EQUIP_ID : NUMBER
EQUIP_STS_TYPE_ID : NUME...
NOTE : VARCHAR2
UPDATE_DATE : DATE
OP_ID : VARCHAR2
<<RelationalTable>>
MAINTENANCE
MAINT_ID : NUMBER
EQUIP_ID : NUMBER
DATE_IN : DATE
DATE_OUT : DATE
CREATE_OPID : VARCHAR2
UPDATE_OPID : VARCHAR2
CREATE_DATE : DATE
UPDATE_DATE : DATE
CREATE_LOCATION_ID : NUMI...
UPDATE_LOCATION_ID : NUMI...
<<RelationalTable>>
MAINTENANCE_DETAIL
MAINT_DTL_ID : NUMBER
MAINT_ID : NUMBER
MAINT_TYPE_ID : NUMBER
DETAIL_COMMENT : VARCHA...
<<RelationalTable>>
MAINTENANCE_TYPE
MAINT_TYPE_ID : NUME...
TYPE_CODE : VARCHAR2
TYPE : VARCHAR2
<<RelationalTable>>
EQUIPMENT_STATUS_TYPE
EQUIP_STS_TYPE_ID : NUMBER
STS_TYPE : VARCHAR2
DISPLAY_PRIORITY : NUMBER
WARN_ON_BOOKING : CHAR
BLOCK_BOOKING : CHAR
WARN_ON_CHARGE : CHAR
BLOCK_CHARGE : CHAR
MESSAGE : VARCHAR2
DISCHARGE_MESSAGE_SHOW : CH...
DISCHARGE_MESSAGE : VARCHAR2
<<RelationalTable>>
EQUIPMENT_BARCODE
EQUIP_ID : NUMBER
BARCODE_NO : VARCHAR2
BARCODE_NO_NORMALIZED : VARCH...
EQUIP_BARCODE_STS_ID : NUMBER
STATUS_DATE : DATE
<<RelationalTable>>
MAINTENANCE_NOTE
MAINT_ID : NUMBER
NOTE : VARCHAR2
OP_ID : VARCHAR2
UPDATE_DATE : DATE
<<RelationalTable>>
EQUIPMENT_BARCODE_STATUS
EQUIP_BARCODE_STS_ID : NUMI...
BARCODE_STS : VARCHAR2

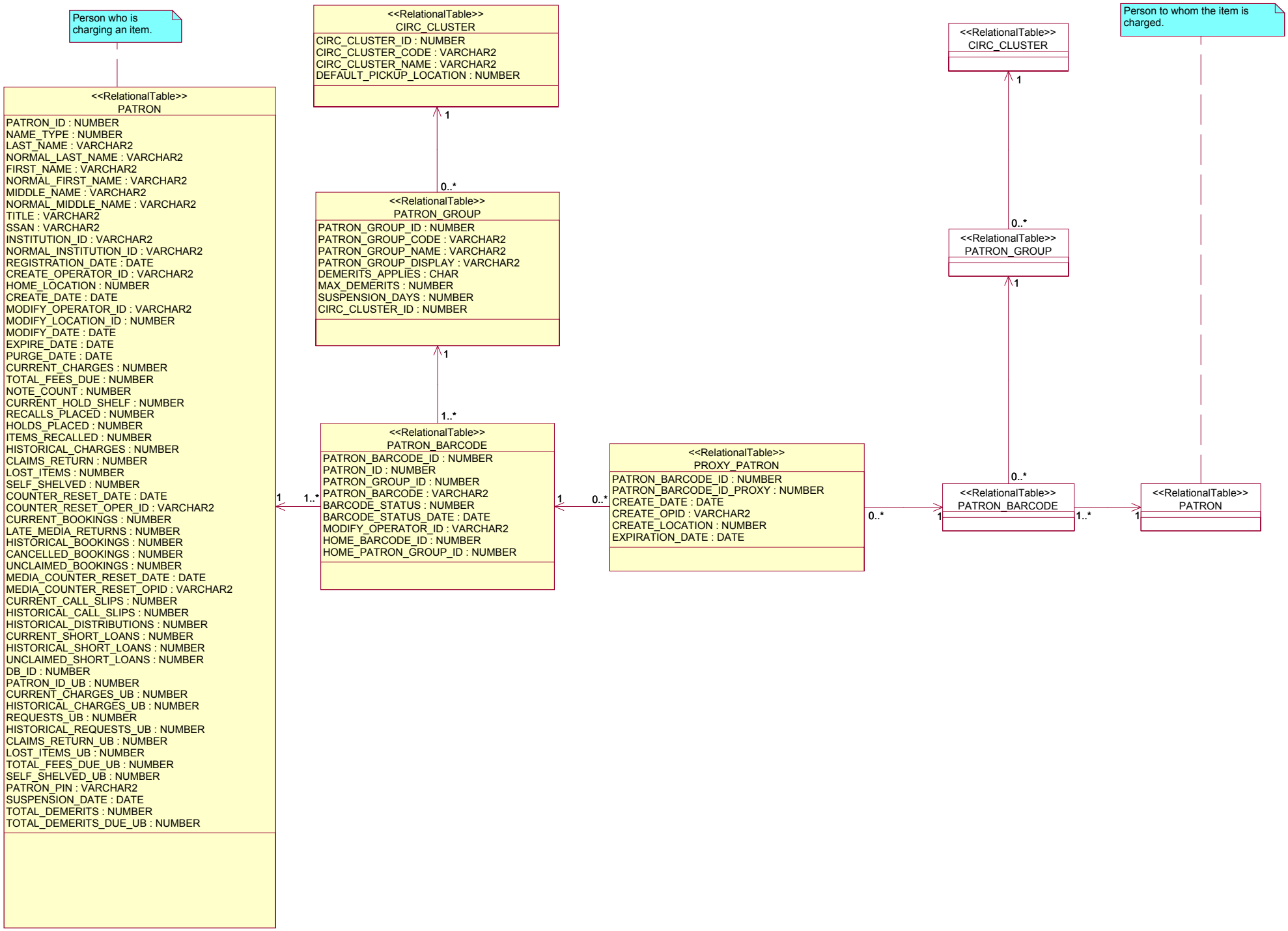

<<RelationalTable>>
VENDOR
VENDOR_ID : NUMBER
VENDOR_TYPE : CHAR
NORMAL_VENDOR_TYPE : CHAR
VENDOR_CODE : VARCHAR2
NORMAL_VENDOR_CODE : VARCH...
VENDOR_NAME : VARCHAR2
NORMAL_VENDOR_NAME : VARCH...
FEDERAL_TAX_ID : VARCHAR2
INSTITUTION_ID : VARCHAR2
DEFAULT_CURRENCY : VARCHAR2
CLAIM_INTERVAL : NUMBER
CLAIM_COUNT : NUMBER
CANCEL_INTERVAL : NUMBER
SHIP_VIA : VARCHAR2
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
<<RelationalTable>>
REPORT_TYPES
REPORT_TYPE : NUMBER
EDI_CODE : VARCHAR2
REPORT_TYPE_DESC : VARCH...
<<RelationalTable>>
PURCHASE_ORDER
PO_ID : NUMBER
VENDOR_ID : NUMBER
ACCOUNT_ID : NUMBER
PO_TYPE : NUMBER
PO_NUMBER : VARCHAR2
NORMAL_PO_NUMBER : VARCHAR...
ORDER_LOCATION : NUMBER
SHIP_LOCATION : NUMBER
BILL_LOCATION : NUMBER
CURRENCY_CODE : VARCHAR2
CONVERSION_RATE : NUMBER
PO_STATUS : NUMBER
PO_STATUS_DATE : DATE
PO_CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
PO_UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
UPDATE_LOCATION_ID : NUMBER
SHIP_VIA : VARCHAR2
NOT_NEEDED_AFTER : DATE
RUSH : CHAR
CLAIM_INTERVAL : NUMBER
CANCEL_INTERVAL : NUMBER
LINE_ITEM_COUNT : NUMBER
LINE_ITEM_SUBTOTAL : NUMBER
ADJUSTMENTS_SUBTOTAL : NUMB...
TOTAL : NUMBER
EDI_REF : NUMBER
PO_APPROVE_DATE : DATE
APPROVE_OPID : VARCHAR2
APPROVE_LOCATION_ID : NUMBER
<<RelationalTable>>
LINE_ITEM
LINE_ITEM_ID : NUMBER
PO_ID : NUMBER
BIB_ID : NUMBER
LINE_ITEM_TYPE : NUMBER
LINE_ITEM_NUMBER : NUMBER
PIECE_IDENTIFIER : VARCHAR2
UNIT_PRICE : NUMBER
LINE_PRICE : NUMBER
PRINT_STD_NUM : CHAR
QUANTITY : NUMBER
PREPAY_AMOUNT : NUMBER
RUSH : CHAR
CLAIM_INTERVAL : NUMBER
CANCEL_INTERVAL : NUMBER
DONOR : VARCHAR2
REQUESTOR : VARCHAR2
VENDOR_TITLE_NUM : VARCH...
VENDOR_REF_QUAL : VARCHA...
VENDOR_REF_NUM : VARCHAL...
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
EDI_REF : NUMBER
<<RelationalTable>>
MFHD_MASTER
MFHD_ID : NUMBER
LOCATION_ID : NUMBER
CALL_NO_TYPE : CHAR
NORMALIZED_CALL_NO : VARCHA...
DISPLAY_CALL_NO : VARCHAR2
SUPPRESS_IN_OPAC : CHAR
SOURCE_MODULE : CHAR
RECORD_STATUS : CHAR
RECORD_TYPE : CHAR
ENCODING_LEVEL : CHAR
FIELD_007 : VARCHAR2
FIELD_008 : VARCHAR2
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUM...
EXPORT_DATE : DATE
<<RelationalTable>>
MONO_SUPPLIER_REPORT
AUDIT_ID : NUMBE...
CLAIM_ID : NUMBE...
REPORT_DATE : D...
ACTION_DATE : D...
ACTION_QUANTIT...
REPORT_TYPE : N...
EDI_REF : NUMBER
NOTE : VARCHAR2
<<RelationalTable>>
MONO_CLAIM
CLAIM_THREAD : NUMBER
COPY_ID : NUMBER
CLAIM_ID : NUMBER
VENDOR_ID : NUMBER
CLAIM_TYPE : NUMBER
CLAIM_DATE : DATE
CLAIM_COUNT : NUMBER
OVERRIDE_CLAIM_DATE : D...
CLAIM_STATUS : NUMBER
OP_ID : VARCHAR2
NOTE : VARCHAR2
EDI_REF : NUMBER
<<RelationalTable>>
CLAIM_TYPES
CLAIM_TYPE : NUMBER
EDI_CODE : VARCHAR2
CLAIM_TYPE_DESC : VARCH...
<<RelationalTable>>
INVOICE
INVOICE_ID : NUMBER
VENDOR_ID : NUMBER
ACCOUNT_ID : NUMBER
INVOICE_NUMBER : VARCHAR2
NORMAL_INVOICE_NUMBER : VARCH...
INVOICE_STATUS : NUMBER
INVOICE_STATUS_DATE : DATE
INVOICE_DATE : DATE
VOUCHER_NUMBER : VARCHAR2
CURRENCY_CODE : VARCHAR2
CONVERSION_RATE : NUMBER
INVOICE_TOTAL : NUMBER
BILL_LOCATION : NUMBER
INVOICE_QUANTITY : NUMBER
LINE_ITEM_COUNT : NUMBER
LINE_ITEM_SUBTOTAL : NUMBER
ADJUSTMENTS_SUBTOTAL : NUMBER
TOTAL : NUMBER
INVOICE_CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
INVOICE_UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
UPDATE_LOCATION_ID : NUMBER
EDI_REF : NUMBER
EXPEND_DATE : DATE
CHECK_NUMBER : VARCHAR2
NORMAL_CHECK_NUMBER : VARCHA...
<<RelationalTable>>
INVOICE_LINE_ITEM
INV_LINE_ITEM_ID : NUMBER
INVOICE_ID : NUMBER
LINE_ITEM_ID : NUMBER
UNIT_PRICE : NUMBER
LINE_PRICE : NUMBER
QUANTITY : NUMBER
PREPAY_AMOUNT : NUMBER
PIECE_IDENTIFIER : VARCH...
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
EDI_REF : NUMBER
<<RelationalTable>>
LINE_ITEM_COPY_STATUS
LINE_ITEM_ID : NUMBER
LOCATION_ID : NUMBER
COPY_ID : NUMBER
MFHD_ID : NUMBER
LINE_ITEM_STATUS : NUMBER
INVOICE_ITEM_STATUS : NUMBER
STATUS_DATE : DATE
ITEM_ID : NUMBER
<<RelationalTable>>
LINE_ITEM_COPY_HISTORY
COPY_ID : NUMBER
AUDIT_ID : NUMBE...
LINE_ITEM_STATU...
STATUS_DATE : D...
INV_LINE_ITEM_ID...
<<RelationalTable>>
MARK_REASON
MARK_REASON_ID : NUMBER
CLAIM_TYPE : NUMBER
MARK_REASON_NAME : VARCH...
<<RelationalTable>>
MARKED_LINE_ITEM
MARKED_ID : NUMBER
LINE_ITEM_ID : NUMBER
LOCATION_ID : NUMBER
COPY_ID : NUMBER
MARK_REASON : NUMBER
OP_ID : VARCHAR2
MARK_DATE : DATE
MARKED_COMMENT : VARCH...



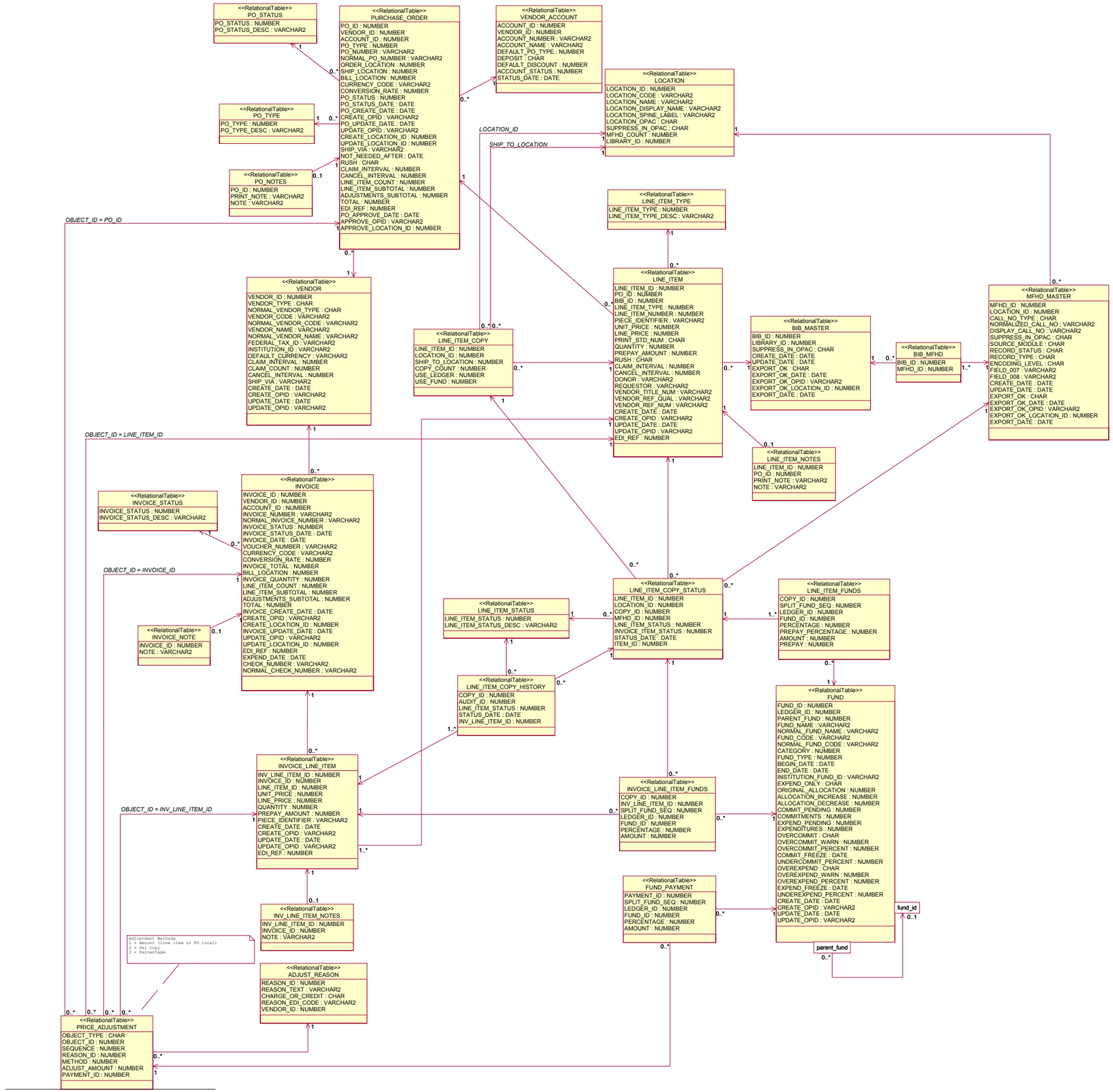

Owning library, location, bibliographic holdings and item record relationships

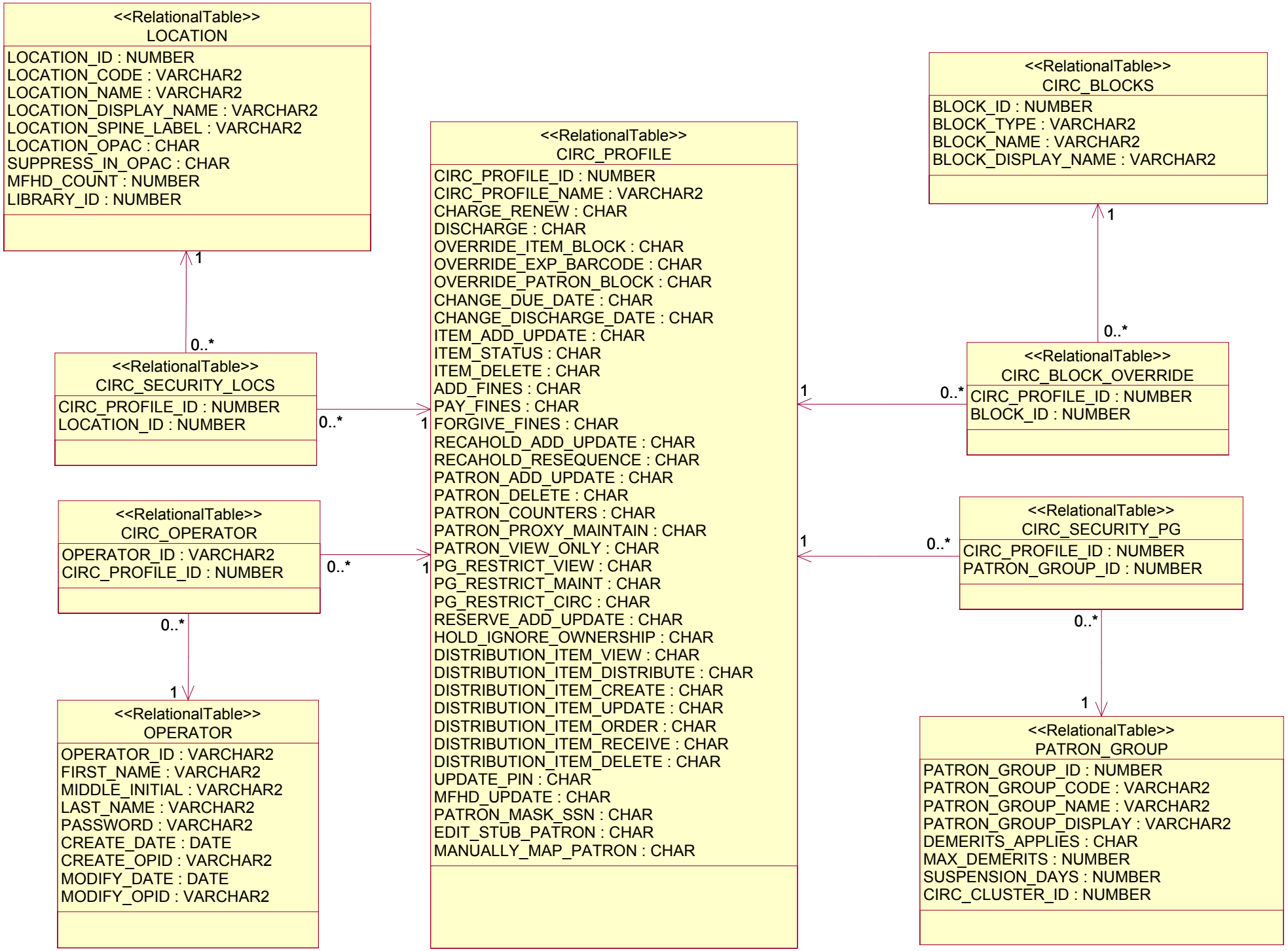

<<RelationalTable>>
UB_FINE_FEE
PATRON_ID : NUMBER
DB_ID : NUMBER
FINE_FEE_TOTAL : NUMBER
UPDATE_DATE : DATE
DEMERITS_TOTAL : NUMBER
0..*
1
<<RelationalTable>>
PATRON
PATRON_ID : NUMBER
NAME_TYPE : NUMBER
LAST_NAME : VARCHAR2
NORMAL_LAST_NAME : VARCHAR2
FIRST_NAME : VARCHAR2
NORMAL_FIRST_NAME : VARCHAR2
MIDDLE_NAME : VARCHAR2
NORMAL_MIDDLE_NAME : VARCHAR2
TITLE : VARCHAR2
SSAN : VARCHAR2
INSTITUTION_ID : VARCHAR2
NORMAL_INSTITUTION_ID : VARCHAR2
REGISTRATION_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
HOME_LOCATION : NUMBER
CREATE_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
MODIFY_LOCATION_ID : NUMBER
MODIFY_DATE : DATE
EXPIRE_DATE : DATE
PURGE_DATE : DATE
CURRENT_CHARGES : NUMBER
TOTAL_FEES_DUE : NUMBER
NOTE_COUNT : NUMBER
CURRENT_HOLD_SHELF : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
ITEMS_RECALLED : NUMBER
HISTORICAL_CHARGES : NUMBER
CLAIMS_RETURN : NUMBER
LOST_ITEMS : NUMBER
SELF_SHELVED : NUMBER
COUNTER_RESET_DATE : DATE
COUNTER_RESET_OPER_ID : VARCHAR2
CURRENT_BOOKINGS : NUMBER
LATE_MEDIA_RETURNS : NUMBER
HISTORICAL_BOOKINGS : NUMBER
CANCELLED_BOOKINGS : NUMBER
UNCLAIMED_BOOKINGS : NUMBER
MEDIA_COUNTER_RESET_DATE : DATE
MEDIA_COUNTER_RESET_OPID : VARCHAR2
CURRENT_CALL_SLIPS : NUMBER
HISTORICAL_CALL_SLIPS : NUMBER
HISTORICAL_DISTRIBUTIONS : NUMBER
CURRENT_SHORT_LOANS : NUMBER
HISTORICAL_SHORT_LOANS : NUMBER
UNCLAIMED_SHORT_LOANS : NUMBER
DB_ID : NUMBER
PATRON_ID_UB : NUMBER
CURRENT_CHARGES_UB : NUMBER
HISTORICAL_CHARGES_UB : NUMBER
REQUESTS_UB : NUMBER
HISTORICAL_REQUESTS_UB : NUMBER
CLAIMS_RETURN_UB : NUMBER
LOST_ITEMS_UB : NUMBER
TOTAL_FEES_DUE_UB : NUMBER
SELF_SHELVED_UB : NUMBER
PATRON_PIN : VARCHAR2
SUSPENSION_DATE : DATE
TOTAL_DEMERITS : NUMBER
TOTAL_DEMERITS_DUE_UB : NUMBER
<<RelationalTable>>
ITEM
ITEM_ID : NUMBER
PERM_LOCATION : NUMBER
TEMP_LOCATION : NUMBER
ITEM_TYPE_ID : NUMBER
TEMP_ITEM_TYPE_ID : NUMBER
COPY_NUMBER : NUMBER
ON_RESERVE : CHAR
RESERVE_CHARGES : NUMBER
PIECES : NUMBER
PRICE : NUMBER
SPINE_LABEL : VARCHAR2
HISTORICAL_CHARGES : NUMBER
HISTORICAL_BROWSES : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
CREATE_DATE : DATE
MODIFY_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
MODIFY_OPERATOR_ID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
MODIFY_LOCATION_ID : NUMBER
ITEM_SEQUENCE_NUMBER : NUMBER
HISTORICAL_BOOKINGS : NUMBER
MEDIA_TYPE_ID : NUMBER
SHORT_LOAN_CHARGES : NUMBER
<<RelationalTable>>
FINE_FEE_TYPE
FINE_FEE_TYPE : NUMBER
FINE_FEE_DESC : VARCHAR2
FINE_FEE_CODE : VARCHAR2
1
0..*
<<RelationalTable>>
FINE_FEE
FINE_FEE_ID : NUMBER
PATRON_ID : NUMBER
ITEM_ID : NUMBER
CREATE_DATE : DATE
OPERATOR_ID : VARCHAR2
FINE_FEE_TYPE : NUMBER
FINE_FEE_LOCATION : NUMBER
FINE_FEE_AMOUNT : NUMBER
FINE_FEE_BALANCE : NUMBER
FINE_FEE_NOTE : VARCHAR2
ORIG_CHARGE_DATE : DATE
DUE_DATE : DATE
FINE_FEE_NOTICE_DATE : DATE
DB_ID : NUMBER
1
0..*
0..*
1
0..*
1
0..*
1
0..*
1
Permanent location
Temporary location
<<RelationalTable>>
LOCATION
LOCATION_ID : NUMBER
LOCATION_CODE : VARCHAR2
LOCATION_NAME : VARCHAR2
LOCATION_DISPLAY_NAME : VARCHAR2
LOCATION_SPINE_LABEL : VARCHAR2
LOCATION_OPAC : CHAR
SUPPRESS_IN_OPAC : CHAR
MFHD_COUNT : NUMBER
LIBRARY_ID : NUMBER
<<RelationalTable>>
FINE_FEE_TRANSACTIONS
FINE_FEE_TRANS_ID : NUMBER
FINE_FEE_ID : NUMBER
TRANS_DATE : DATE
TRANS_AMOUNT : NUMBER
TRANS_TYPE : NUMBER
TRANS_METHOD : NUMBER
TRANS_LOCATION : NUMBER
OPERATOR_ID : VARCHAR2
TRANS_NOTE : VARCHAR2
1
0..*
0..*
0..*
1
1
<<RelationalTable>>
FINE_FEE_TRANS_TYPE
TRANSACTION_TYPE : NUMBER
TRANSACTION_DESC : VARCHAR2
<<RelationalTable>>
FINE_FEE_TRANS_METHOD
METHOD_TYPE : NUMBER
METHOD_DESC : VARCHAR2
patron_id_ub
0..1
patron_id
0..1

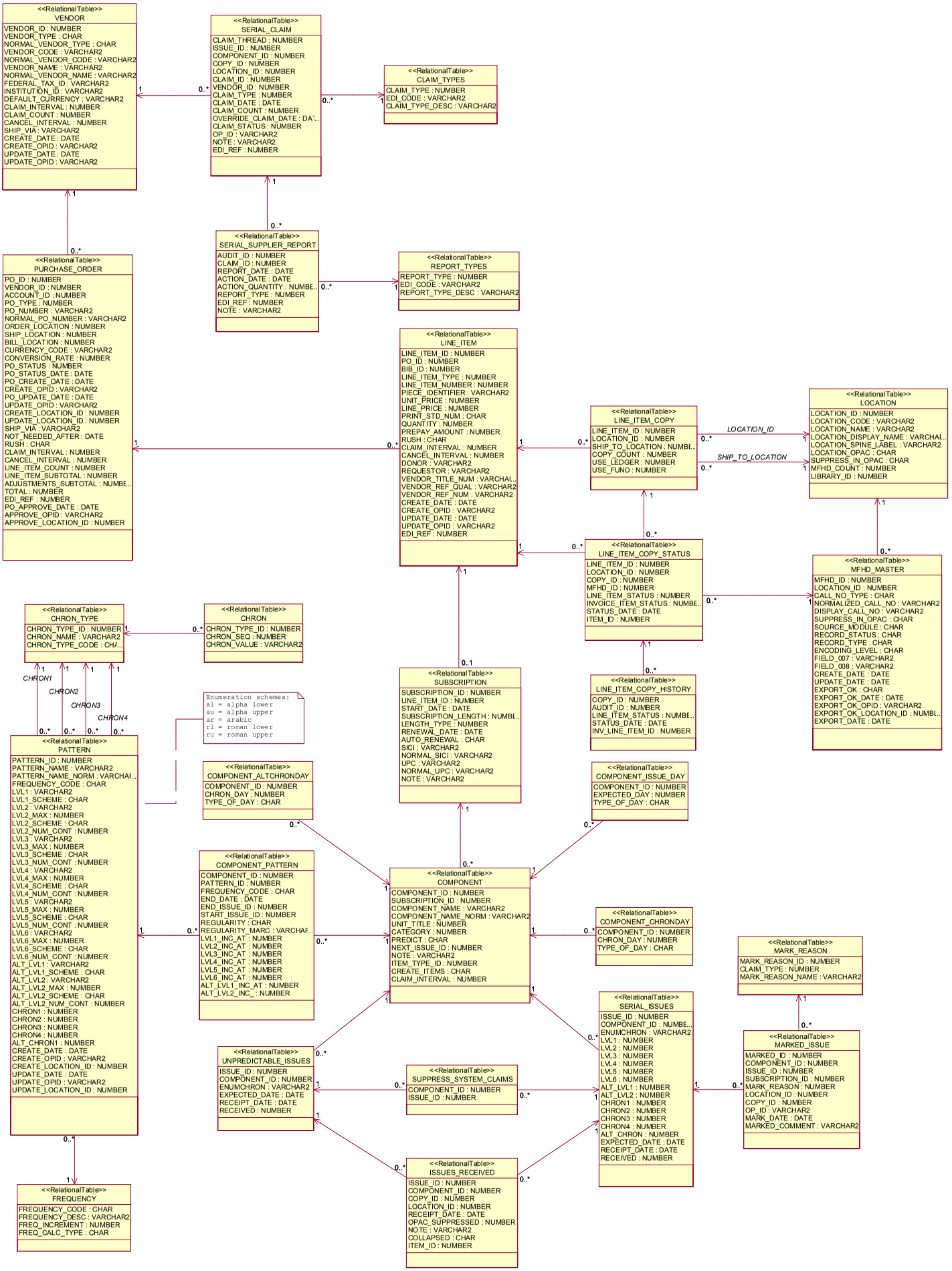

<<RelationalTable>>
CIRC_CLUSTER
CIRC_CLUSTER_ID : NUMBER
CIRC_CLUSTER_CODE : VARCHAR2
CIRC_CLUSTER_NAME : VARCHAR2
DEFAULT_PICKUP_LOCATION : NUMBER
1
0..*
<<RelationalTable>>
PATRON_GROUP
PATRON_GROUP_ID : NUMBER
PATRON_GROUP_CODE : VARCHAR2
PATRON_GROUP_NAME : VARCHAR2
PATRON_GROUP_DISPLAY : VARCHAR2
DEMERITS_APPLIES : CHAR
MAX_DEMERITS : NUMBER
SUSPENSION_DAYS : NUMBER
CIRC_CLUSTER_ID : NUMBER
1
0..*
<<RelationalTable>>
PATRON_BARCODE
PATRON_BARCODE_ID : NUMBER
PATRON_ID : NUMBER
PATRON_GROUP_ID : NUMBER
PATRON_BARCODE : VARCHAR2
BARCODE_STATUS : NUMBER
BARCODE_STATUS_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
HOME_BARCODE_ID : NUMBER
HOME_PATRON_GROUP_ID : NUMBER
0..*
1
<<RelationalTable>>
PATRON_BARCODE_STATUS
BARCODE_STATUS_TYPE : NUMBER
BARCODE_STATUS_DESC : VARCHAR2
1..*
1
<<RelationalTable>>
PATRON
PATRON_ID : NUMBER
NAME_TYPE : NUMBER
LAST_NAME : VARCHAR2
NORMAL_LAST_NAME : VARCHAR2
FIRST_NAME : VARCHAR2
NORMAL_FIRST_NAME : VARCHAR2
MIDDLE_NAME : VARCHAR2
NORMAL_MIDDLE_NAME : VARCHAR2
TITLE : VARCHAR2
SSAN : VARCHAR2
INSTITUTION_ID : VARCHAR2
NORMAL_INSTITUTION_ID : VARCHAR2
REGISTRATION_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
HOME_LOCATION : NUMBER
CREATE_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
MODIFY_LOCATION_ID : NUMBER
MODIFY_DATE : DATE
EXPIRE_DATE : DATE
PURGE_DATE : DATE
CURRENT_CHARGES : NUMBER
TOTAL_FEES_DUE : NUMBER
NOTE_COUNT : NUMBER
CURRENT_HOLD_SHELF : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
ITEMS_RECALLED : NUMBER
HISTORICAL_CHARGES : NUMBER
CLAIMS_RETURN : NUMBER
LOST_ITEMS : NUMBER
SELF_SHELVED : NUMBER
COUNTER_RESET_DATE : DATE
COUNTER_RESET_OPER_ID : VARCHAR2
CURRENT_BOOKINGS : NUMBER
LATE_MEDIA_RETURNS : NUMBER
HISTORICAL_BOOKINGS : NUMBER
CANCELLED_BOOKINGS : NUMBER
UNCLAIMED_BOOKINGS : NUMBER
MEDIA_COUNTER_RESET_DATE : DATE
MEDIA_COUNTER_RESET_OPID : VARCHAR2
CURRENT_CALL_SLIPS : NUMBER
HISTORICAL_CALL_SLIPS : NUMBER
HISTORICAL_DISTRIBUTIONS : NUMBER
CURRENT_SHORT_LOANS : NUMBER
HISTORICAL_SHORT_LOANS : NUMBER
UNCLAIMED_SHORT_LOANS : NUMBER
DB_ID : NUMBER
PATRON_ID_UB : NUMBER
CURRENT_CHARGES_UB : NUMBER
HISTORICAL_CHARGES_UB : NUMBER
REQUESTS_UB : NUMBER
HISTORICAL_REQUESTS_UB : NUMBER
CLAIMS_RETURN_UB : NUMBER
LOST_ITEMS_UB : NUMBER
TOTAL_FEES_DUE_UB : NUMBER
SELF_SHELVED_UB : NUMBER
PATRON_PIN : VARCHAR2
SUSPENSION_DATE : DATE
TOTAL_DEMERITS : NUMBER
TOTAL_DEMERITS_DUE_UB : NUMBER
0..*
1
<<RelationalTable>>
PATRON_NAME_TYPE
PATRON_NAME_TYPE : NUMBER
PATRON_NAME_DESC : VARCHAR2
1
0..*
<<RelationalTable>>
PATRON_NOTES
PATRON_NOTE_ID : NUMBER
PATRON_ID : NUMBER
NOTE_TYPE : NUMBER
ADDRESS_ID : NUMBER
NOTE : VARCHAR2
MODIFY_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
0..*
1
<<RelationalTable>>
NOTE_TYPE
NOTE_TYPE : NUMBER
NOTE_DESC : VARCHAR2
1
0..*
<<RelationalTable>>
PATRON_STATS
PATRON_ID : NUMBER
PATRON_STAT_ID : NUMBER
DATE_APPLIED : DATE
0..*
1
<<RelationalTable>>
PATRON_STAT_CODE
PATRON_STAT_ID : NUMBER
PATRON_STAT_CODE : VARCHAR2
PATRON_STAT_DESC : VARCHAR2
1
1..*
<<RelationalTable>>
PATRON_ADDRESS
ADDRESS_ID : NUMBER
PATRON_ID : NUMBER
ADDRESS_TYPE : NUMBER
ADDRESS_STATUS : CHAR
PROTECT_ADDRESS : CHAR
ADDRESS_LINE1 : VARCHAR2
ADDRESS_LINE2 : VARCHAR2
ADDRESS_LINE3 : VARCHAR2
ADDRESS_LINE4 : VARCHAR2
ADDRESS_LINE5 : VARCHAR2
CITY : VARCHAR2
STATE_PROVINCE : VARCHAR2
ZIP_POSTAL : VARCHAR2
COUNTRY : VARCHAR2
EFFECT_DATE : DATE
EXPIRE_DATE : DATE
MODIFY_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
0..*
1
<<RelationalTable>>
ADDRESS_TYPE
ADDRESS_TYPE : NUMBER
ADDRESS_DESC : VARCHAR2
1
0..*
<<RelationalTable>>
PATRON_PHONE
PATRON_PHONE_ID : NUMBER
ADDRESS_ID : NUMBER
PHONE_TYPE : NUMBER
PHONE_NUMBER : VARCHAR2
MODIFY_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
0..*
1
<<RelationalTable>>
PHONE_TYPE
PHONE_TYPE : NUMBER
PHONE_DESC : VARCHAR2

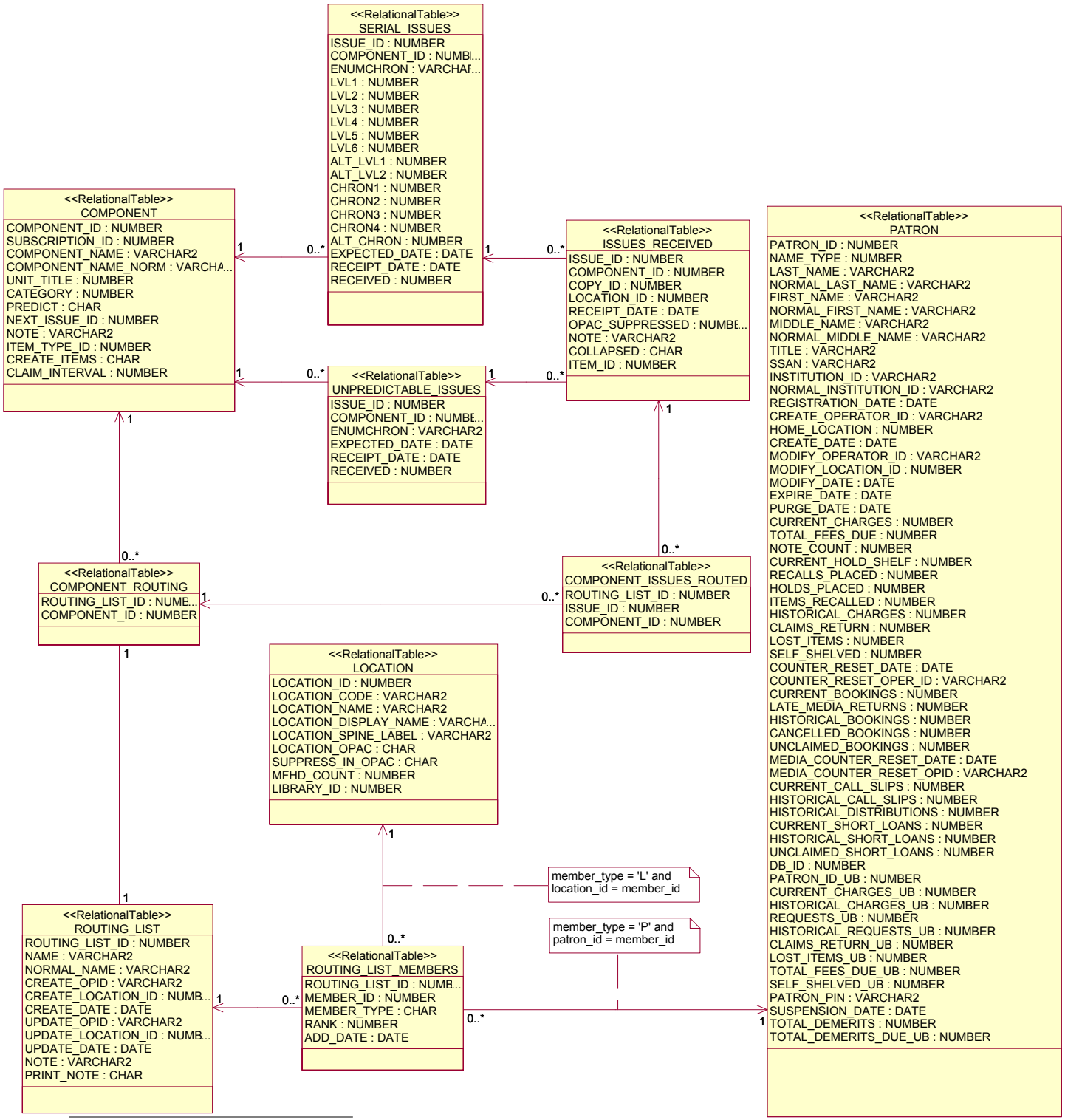



Proxy patrons

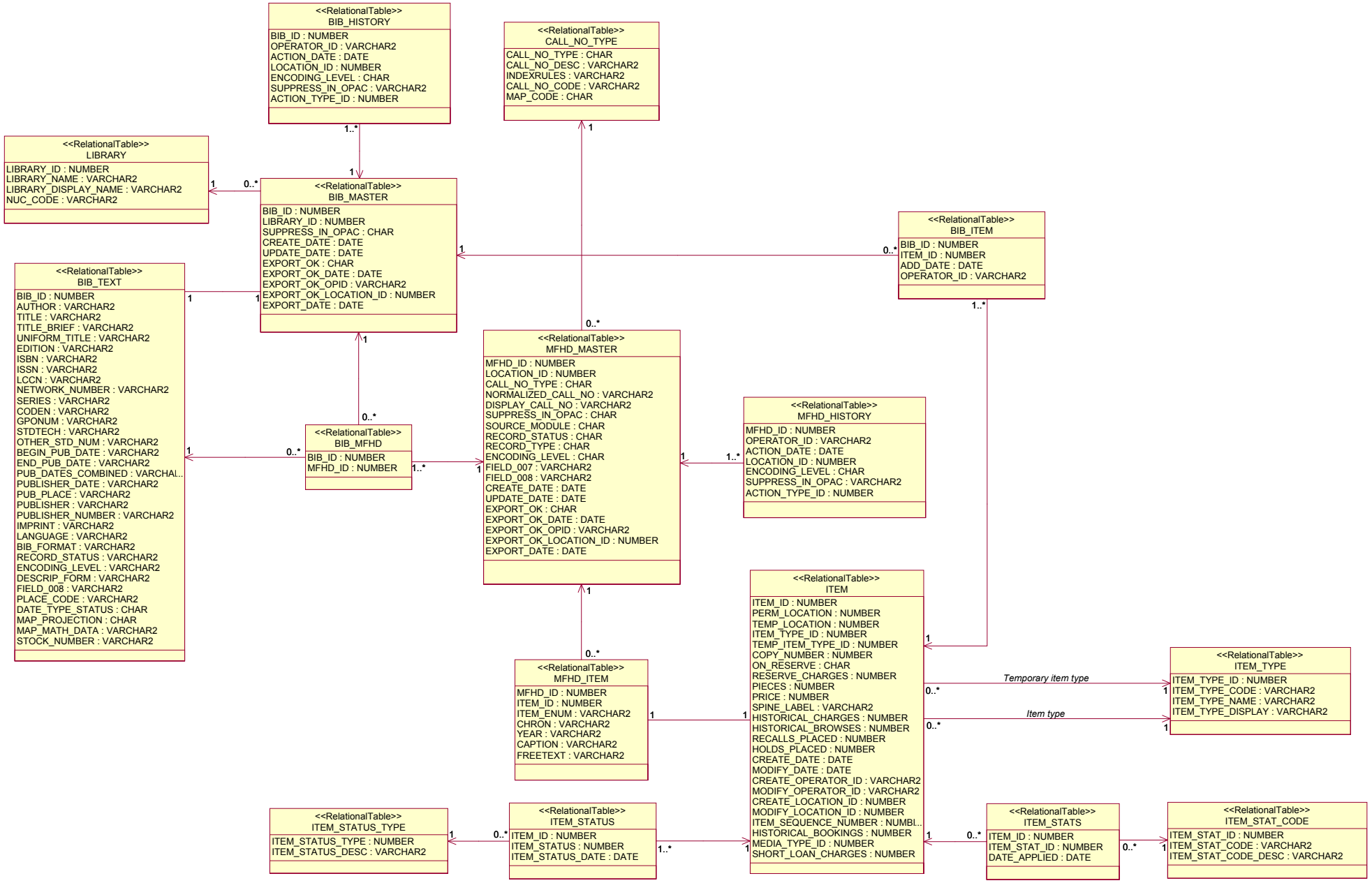

PO_STATUS
PO_STATUS : NUMBER
PO_STATUS_DESC : VARCHAR2
PURCHASE_ORDER
PO_ID : NUMBER
VENDOR_ID : NUMBER
ACCOUNT_ID : NUMBER
PO_TYPE : NUMBER
PO_NUMBER : VARCHAR2
NORMAL_PO_NUMBER : VARCHAR2
ORDER_LOCATION : NUMBER
SHIP_LOCATION : NUMBER
BILL_LOCATION : NUMBER
CURRENCY_CODE : VARCHAR2
CONVERSION_RATE : NUMBER
PO_STATUS : NUMBER
PO_STATUS_DATE : DATE
PO_CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
PO_UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
UPDATE_LOCATION_ID : NUMBER
SHIP_VIA : VARCHAR2
NOT_NEEDED_AFTER : DATE
RUSH : CHAR
CLAIM_INTERVAL : NUMBER
CANCEL_INTERVAL : NUMBER
LINE_ITEM_COUNT : NUMBER
LINE_ITEM_SUBTOTAL : NUMBER
ADJUSTMENTS_SUBTOTAL : NUMBER
TOTAL : NUMBER
EDI_REF : NUMBER
PO_APPROVE_DATE : DATE
APPROVE_OPID : VARCHAR2
APPROVE_LOCATION_ID : NUMBER
VENDOR_ACCOUNT
ACCOUNT_ID : NUMBER
VENDOR_ID : NUMBER
ACCOUNT_NUMBER : VARCHAR2
ACCOUNT_NAME : VARCHAR2
DEFAULT_PO_TYPE : NUMBER
DEPOSIT : CHAR
DEFAULT_DISCOUNT : NUMBER
ACCOUNT_STATUS : NUMBER
STATUS_DATE : DATE
LOCATION
LOCATION_ID : NUMBER
LOCATION_CODE : VARCHAR2
LOCATION_NAME : VARCHAR2
LOCATION_DISPLAY_NAME : VARCHAR2
LOCATION_SPINE_LABEL : VARCHAR2
LOCATION_OPAC : CHAR
SUPPRESS_IN_OPAC : CHAR
MFHD_COUNT : NUMBER
LIBRARY_ID : NUMBER
PO_TYPE
PO_TYPE : NUMBER
PO_TYPE_DESC : VARCHAR2
PO_NOTES
PO_ID : NUMBER
PRINT_NOTE : VARCHAR2
NOTE : VARCHAR2
LOCATION_ID
SHIP_TO_LOCATION
OBJECT_ID = PO_ID
LINE_ITEM_TYPE
LINE_ITEM_TYPE : NUMBER
LINE_ITEM_TYPE_DESC : VARCHAR2
VENDOR
VENDOR_ID : NUMBER
VENDOR_TYPE : CHAR
NORMAL_VENDOR_TYPE : CHAR
VENDOR_CODE : VARCHAR2
NORMAL_VENDOR_CODE : VARCHAR2
VENDOR_NAME : VARCHAR2
NORMAL_VENDOR_NAME : VARCHAR2
FEDERAL_TAX_ID : VARCHAR2
INSTITUTION_ID : VARCHAR2
DEFAULT_CURRENCY : VARCHAR2
CLAIM_INTERVAL : NUMBER
CLAIM_COUNT : NUMBER
CANCEL_INTERVAL : NUMBER
SHIP_VIA : VARCHAR2
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
LINE_ITEM
LINE_ITEM_ID : NUMBER
PO_ID : NUMBER
BIB_ID : NUMBER
LINE_ITEM_TYPE : NUMBER
LINE_ITEM_NUMBER : NUMBER
PIECE_IDENTIFIER : VARCHAR2
UNIT_PRICE : NUMBER
LINE_PRICE : NUMBER
PRINT_STD_NUM : CHAR
QUANTITY : NUMBER
PREPAY_AMOUNT : NUMBER
RUSH : CHAR
CLAIM_INTERVAL : NUMBER
CANCEL_INTERVAL : NUMBER
DONOR : VARCHAR2
REQUESTOR : VARCHAR2
VENDOR_TITLE_NUM : VARCHAR2
VENDOR_REF_QUAL : VARCHAR2
VENDOR_REF_NUM : VARCHAR2
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
EDI_REF : NUMBER
LINE_ITEM_COPY
LINE_ITEM_ID : NUMBER
LOCATION_ID : NUMBER
SHIP_TO_LOCATION : NUMBER
COPY_COUNT : NUMBER
USE_LEDGER : NUMBER
USE_FUND : NUMBER
BIB_MASTER
BIB_ID : NUMBER
LIBRARY_ID : NUMBER
SUPPRESS_IN_OPAC : CHAR
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUMBER
EXPORT_DATE : DATE
BIB_MFHD
BIB_ID : NUMBER
MFHD_ID : NUMBER
MFHD_MASTER
MFHD_ID : NUMBER
LOCATION_ID : NUMBER
CALL_NO_TYPE : CHAR
NORMALIZED_CALL_NO : VARCHAR2
DISPLAY_CALL_NO : VARCHAR2
SUPPRESS_IN_OPAC : CHAR
SOURCE_MODULE : CHAR
RECORD_STATUS : CHAR
RECORD_TYPE : CHAR
ENCODING_LEVEL : CHAR
FIELD_007 : VARCHAR2
FIELD_008 : VARCHAR2
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUMBER
EXPORT_DATE : DATE
LINE_ITEM_NOTES
LINE_ITEM_ID : NUMBER
PO_ID : NUMBER
PRINT_NOTE : VARCHAR2
NOTE : VARCHAR2
OBJECT_ID = LINE_ITEM_ID
INVOICE_STATUS
INVOICE_STATUS : NUMBER
INVOICE_STATUS_DESC : VARCHAR2
INVOICE
INVOICE_ID : NUMBER
VENDOR_ID : NUMBER
ACCOUNT_ID : NUMBER
INVOICE_NUMBER : VARCHAR2
NORMAL_INVOICE_NUMBER : VARCHAR2
INVOICE_STATUS : NUMBER
INVOICE_STATUS_DATE : DATE
INVOICE_DATE : DATE
VOUCHER_NUMBER : VARCHAR2
CURRENCY_CODE : VARCHAR2
CONVERSION_RATE : NUMBER
INVOICE_TOTAL : NUMBER
BILL_LOCATION : NUMBER
INVOICE_QUANTITY : NUMBER
LINE_ITEM_COUNT : NUMBER
LINE_ITEM_SUBTOTAL : NUMBER
ADJUSTMENTS_SUBTOTAL : NUMBER
TOTAL : NUMBER
INVOICE_CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
INVOICE_UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
UPDATE_LOCATION_ID : NUMBER
EDI_REF : NUMBER
EXPEND_DATE : DATE
CHECK_NUMBER : VARCHAR2
NORMAL_CHECK_NUMBER : VARCHAR2
OBJECT_ID = INVOICE_ID
INVOICE_NOTE
INVOICE_ID : NUMBER
NOTE : VARCHAR2
LINE_ITEM_STATUS
LINE_ITEM_STATUS : NUMBER
LINE_ITEM_STATUS_DESC : VARCHAR2
LINE_ITEM_COPY_STATUS
LINE_ITEM_ID : NUMBER
LOCATION_ID : NUMBER
COPY_ID : NUMBER
MFHD_ID : NUMBER
LINE_ITEM_STATUS : NUMBER
INVOICE_ITEM_STATUS : NUMBER
STATUS_DATE : DATE
ITEM_ID : NUMBER
LINE_ITEM_FUNDS
COPY_ID : NUMBER
SPLIT_FUND_SEQ : NUMBER
LEDGER_ID : NUMBER
FUND_ID : NUMBER
PERCENTAGE : NUMBER
PREPAY_PERCENTAGE : NUMBER
AMOUNT : NUMBER
PREPAY : NUMBER
LINE_ITEM_COPY_HISTORY
COPY_ID : NUMBER
AUDIT_ID : NUMBER
LINE_ITEM_STATUS : NUMBER
STATUS_DATE : DATE
INV_LINE_ITEM_ID : NUMBER
FUND
FUND_ID : NUMBER
LEDGER_ID : NUMBER
PARENT_FUND : NUMBER
FUND_NAME : VARCHAR2
NORMAL_FUND_NAME : VARCHAR2
FUND_CODE : VARCHAR2
NORMAL_FUND_CODE : VARCHAR2
CATEGORY : NUMBER
FUND_TYPE : NUMBER
BEGIN_DATE : DATE
END_DATE : DATE
INSTITUTION_FUND_ID : VARCHAR2
EXPEND_ONLY : CHAR
ORIGINAL_ALLOCATION : NUMBER
ALLOCATION_INCREASE : NUMBER
ALLOCATION_DECREASE : NUMBER
COMMIT_PENDING : NUMBER
COMMITMENTS : NUMBER
EXPEND_PENDING : NUMBER
EXPENDITURES : NUMBER
OVERCOMMIT : CHAR
OVERCOMMIT_WARN : NUMBER
OVERCOMMIT_PERCENT : NUMBER
COMMIT_FREEZE : DATE
UNDERCOMMIT_PERCENT : NUMBER
OVEREXPEND : CHAR
OVEREXPEND_WARN : NUMBER
OVEREXPEND_PERCENT : NUMBER
EXPEND_FREEZE : DATE
UNDEREXPEND_PERCENT : NUMBER
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
INVOICE_LINE_ITEM
INV_LINE_ITEM_ID : NUMBER
INVOICE_ID : NUMBER
LINE_ITEM_ID : NUMBER
UNIT_PRICE : NUMBER
LINE_PRICE : NUMBER
QUANTITY : NUMBER
PREPAY_AMOUNT : NUMBER
PIECE_IDENTIFIER : VARCHAR2
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
EDI_REF : NUMBER
INVOICE_LINE_ITEM_FUNDS
COPY_ID : NUMBER
INV_LINE_ITEM_ID : NUMBER
SPLIT_FUND_SEQ : NUMBER
LEDGER_ID : NUMBER
FUND_ID : NUMBER
PERCENTAGE : NUMBER
AMOUNT : NUMBER
FUND_PAYMENT
PAYMENT_ID : NUMBER
SPLIT_FUND_SEQ : NUMBER
LEDGER_ID : NUMBER
FUND_ID : NUMBER
PERCENTAGE : NUMBER
AMOUNT : NUMBER
OBJECT_ID = INV_LINE_ITEM_ID
INV_LINE_ITEM_NOTES
INV_LINE_ITEM_ID : NUMBER
INVOICE_ID : NUMBER
NOTE : VARCHAR2
Adjustment Methods
1 = Amount (line item or PO total)
2 = Per Copy
3 = Percentage
ADJUST_REASON
REASON_ID : NUMBER
REASON_TEXT : VARCHAR2
CHARGE_OR_CREDIT : CHAR
REASON_EDI_CODE : VARCHAR2
VENDOR_ID : NUMBER
PRICE_ADJUSTMENT
OBJECT_TYPE : CHAR
OBJECT_ID : NUMBER
SEQUENCE : NUMBER
REASON_ID : NUMBER
METHOD : NUMBER
ADJUST_AMOUNT : NUMBER
PAYMENT_ID : NUMBER
fund_id
parent_fund


<<RelationalTable>>
LOCATION
LOCATION_ID : NUMBER
LOCATION_CODE : VARCHAR2
LOCATION_NAME : VARCHAR2
LOCATION_DISPLAY_NAME : VARCHAR2
LOCATION_SPINE_LABEL : VARCHAR2
LOCATION_OPAC : CHAR
SUPPRESS_IN_OPAC : CHAR
MFHD_COUNT : NUMBER
LIBRARY_ID : NUMBER
1
0..*
<<RelationalTable>>
CIRC_SECURITY_LOCS
CIRC_PROFILE_ID : NUMBER
LOCATION_ID : NUMBER
0..*
1
<<RelationalTable>>
CIRC_OPERATOR
OPERATOR_ID : VARCHAR2
CIRC_PROFILE_ID : NUMBER
0..*
1
0..*
1
<<RelationalTable>>
OPERATOR
OPERATOR_ID : VARCHAR2
FIRST_NAME : VARCHAR2
MIDDLE_INITIAL : VARCHAR2
LAST_NAME : VARCHAR2
PASSWORD : VARCHAR2
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
MODIFY_DATE : DATE
MODIFY_OPID : VARCHAR2
<<RelationalTable>>
CIRC_PROFILE
CIRC_PROFILE_ID : NUMBER
CIRC_PROFILE_NAME : VARCHAR2
CHARGE_RENEW : CHAR
DISCHARGE : CHAR
OVERRIDE_ITEM_BLOCK : CHAR
OVERRIDE_EXP_BARCODE : CHAR
OVERRIDE_PATRON_BLOCK : CHAR
CHANGE_DUE_DATE : CHAR
CHANGE_DISCHARGE_DATE : CHAR
ITEM_ADD_UPDATE : CHAR
ITEM_STATUS : CHAR
ITEM_DELETE : CHAR
ADD_FINES : CHAR
PAY_FINES : CHAR
FORGIVE_FINES : CHAR
RECAHOLD_ADD_UPDATE : CHAR
RECAHOLD_RESEQUENCE : CHAR
PATRON_ADD_UPDATE : CHAR
PATRON_DELETE : CHAR
PATRON_COUNTERS : CHAR
PATRON_PROXY_MAINTAIN : CHAR
PATRON_VIEW_ONLY : CHAR
PG_RESTRICT_VIEW : CHAR
PG_RESTRICT_MAINT : CHAR
PG_RESTRICT_CIRC : CHAR
RESERVE_ADD_UPDATE : CHAR
HOLD_IGNORE_OWNERSHIP : CHAR
DISTRIBUTION_ITEM_VIEW : CHAR
DISTRIBUTION_ITEM_DISTRIBUTE : CHAR
DISTRIBUTION_ITEM_CREATE : CHAR
DISTRIBUTION_ITEM_UPDATE : CHAR
DISTRIBUTION_ITEM_ORDER : CHAR
DISTRIBUTION_ITEM_RECEIVE : CHAR
DISTRIBUTION_ITEM_DELETE : CHAR
UPDATE_PIN : CHAR
MFHD_UPDATE : CHAR
PATRON_MASK_SSN : CHAR
EDIT_STUB_PATRON : CHAR
MANUALLY_MAP_PATRON : CHAR
<<RelationalTable>>
CIRC_BLOCKS
BLOCK_ID : NUMBER
BLOCK_TYPE : VARCHAR2
BLOCK_NAME : VARCHAR2
BLOCK_DISPLAY_NAME : VARCHAR2
1
0..*
<<RelationalTable>>
CIRC_BLOCK_OVERRIDE
CIRC_PROFILE_ID : NUMBER
BLOCK_ID : NUMBER
1
0..*
<<RelationalTable>>
CIRC_SECURITY_PG
CIRC_PROFILE_ID : NUMBER
PATRON_GROUP_ID : NUMBER
1
0..*
0..*
1
<<RelationalTable>>
PATRON_GROUP
PATRON_GROUP_ID : NUMBER
PATRON_GROUP_CODE : VARCHAR2
PATRON_GROUP_NAME : VARCHAR2
PATRON_GROUP_DISPLAY : VARCHAR2
DEMERITS_APPLIES : CHAR
MAX_DEMERITS : NUMBER
SUSPENSION_DAYS : NUMBER
CIRC_CLUSTER_ID : NUMBER


<<RelationalTable>>
VENDOR
VENDOR_ID : NUMBER
VENDOR_TYPE : CHAR
NORMAL_VENDOR_TYPE : CHAR
VENDOR_CODE : VARCHAR2
NORMAL_VENDOR_CODE : VARCHAR2
VENDOR_NAME : VARCHAR2
NORMAL_VENDOR_NAME : VARCHAR2
FEDERAL_TAX_ID : VARCHAR2
INSTITUTION_ID : VARCHAR2
DEFAULT_CURRENCY : VARCHAR2
CLAIM_INTERVAL : NUMBER
CLAIM_COUNT : NUMBER
CANCEL_INTERVAL : NUMBER
SHIP_VIA : VARCHAR2
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
<<RelationalTable>>
SERIAL_CLAIM
CLAIM_THREAD : NUMBER
ISSUE_ID : NUMBER
COMPONENT_ID : NUMBER
COPY_ID : NUMBER
LOCATION_ID : NUMBER
CLAIM_ID : NUMBER
VENDOR_ID : NUMBER
CLAIM_TYPE : NUMBER
CLAIM_DATE : DATE
CLAIM_COUNT : NUMBER
OVERRIDE_CLAIM_DATE : DAT...
CLAIM_STATUS : NUMBER
OP_ID : VARCHAR2
NOTE : VARCHAR2
EDI_REF : NUMBER
<<RelationalTable>>
CLAIM_TYPES
CLAIM_TYPE : NUMBER
EDI_CODE : VARCHAR2
CLAIM_TYPE_DESC : VARCHAR2
<<RelationalTable>>
SERIAL_SUPPLIER_REPORT
AUDIT_ID : NUMBER
CLAIM_ID : NUMBER
REPORT_DATE : DATE
ACTION_DATE : DATE
ACTION_QUANTITY : NUMBE...
REPORT_TYPE : NUMBER
EDI_REF : NUMBER
NOTE : VARCHAR2
<<RelationalTable>>
REPORT_TYPES
REPORT_TYPE : NUMBER
EDI_CODE : VARCHAR2
REPORT_TYPE_DESC : VARCHAR2
<<RelationalTable>>
PURCHASE_ORDER
PO_ID : NUMBER
VENDOR_ID : NUMBER
ACCOUNT_ID : NUMBER
PO_TYPE : NUMBER
PO_NUMBER : VARCHAR2
NORMAL_PO_NUMBER : VARCHAR2
ORDER_LOCATION : NUMBER
SHIP_LOCATION : NUMBER
BILL_LOCATION : NUMBER
CURRENCY_CODE : VARCHAR2
CONVERSION_RATE : NUMBER
PO_STATUS : NUMBER
PO_STATUS_DATE : DATE
PO_CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
PO_UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
UPDATE_LOCATION_ID : NUMBER
SHIP_VIA : VARCHAR2
NOT_NEEDED_AFTER : DATE
RUSH : CHAR
CLAIM_INTERVAL : NUMBER
CANCEL_INTERVAL : NUMBER
LINE_ITEM_COUNT : NUMBER
LINE_ITEM_SUBTOTAL : NUMBER
ADJUSTMENTS_SUBTOTAL : NUMBE...
TOTAL : NUMBER
EDI_REF : NUMBER
PO_APPROVE_DATE : DATE
APPROVE_OPID : VARCHAR2
APPROVE_LOCATION_ID : NUMBER
<<RelationalTable>>
LINE_ITEM
LINE_ITEM_ID : NUMBER
PO_ID : NUMBER
BIB_ID : NUMBER
LINE_ITEM_TYPE : NUMBER
LINE_ITEM_NUMBER : NUMBER
PIECE_IDENTIFIER : VARCHAR2
UNIT_PRICE : NUMBER
LINE_PRICE : NUMBER
PRINT_STD_NUM : CHAR
QUANTITY : NUMBER
PREPAY_AMOUNT : NUMBER
RUSH : CHAR
CLAIM_INTERVAL : NUMBER
CANCEL_INTERVAL : NUMBER
DONOR : VARCHAR2
REQUESTOR : VARCHAR2
VENDOR_TITLE_NUM : VARCHAI...
VENDOR_REF_QUAL : VARCHAR2
VENDOR_REF_NUM : VARCHAR2
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
EDI_REF : NUMBER
<<RelationalTable>>
LINE_ITEM_COPY
LINE_ITEM_ID : NUMBER
LOCATION_ID : NUMBER
SHIP_TO_LOCATION : NUMBE...
COPY_COUNT : NUMBER
USE_LEDGER : NUMBER
USE_FUND : NUMBER
LOCATION_ID
SHIP_TO_LOCATION
<<RelationalTable>>
LOCATION
LOCATION_ID : NUMBER
LOCATION_CODE : VARCHAR2
LOCATION_NAME : VARCHAR2
LOCATION_DISPLAY_NAME : VARCHAI...
LOCATION_SPINE_LABEL : VARCHAR2
LOCATION_OPAC : CHAR
SUPPRESS_IN_OPAC : CHAR
MFHD_COUNT : NUMBER
LIBRARY_ID : NUMBER
<<RelationalTable>>
LINE_ITEM_COPY_STATUS
LINE_ITEM_ID : NUMBER
LOCATION_ID : NUMBER
COPY_ID : NUMBER
MFHD_ID : NUMBER
LINE_ITEM_STATUS : NUMBER
INVOICE_ITEM_STATUS : NUMBE...
STATUS_DATE : DATE
ITEM_ID : NUMBER
<<RelationalTable>>
MFHD_MASTER
MFHD_ID : NUMBER
LOCATION_ID : NUMBER
CALL_NO_TYPE : CHAR
NORMALIZED_CALL_NO : VARCHAR2
DISPLAY_CALL_NO : VARCHAR2
SUPPRESS_IN_OPAC : CHAR
SOURCE_MODULE : CHAR
RECORD_STATUS : CHAR
RECORD_TYPE : CHAR
ENCODING_LEVEL : CHAR
FIELD_007 : VARCHAR2
FIELD_008 : VARCHAR2
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUMBI...
EXPORT_DATE : DATE
<<RelationalTable>>
CHRON_TYPE
CHRON_TYPE_ID : NUMBER
CHRON_NAME : VARCHAR2
CHRON_TYPE_CODE : CHA...
<<RelationalTable>>
CHRON
CHRON_TYPE_ID : NUMBER
CHRON_SEQ : NUMBER
CHRON_VALUE : VARCHAR2
CHRON1
CHRON2
CHRON3
CHRON4
Enumeration schemes:
al = alpha lower
au = alpha upper
ar = arabic
rl = roman lower
ru = roman upper
<<RelationalTable>>
SUBSCRIPTION
SUBSCRIPTION_ID : NUMBER
LINE_ITEM_ID : NUMBER
START_DATE : DATE
SUBSCRIPTION_LENGTH : NUMBE...
LENGTH_TYPE : NUMBER
RENEWAL_DATE : DATE
AUTO_RENEWAL : CHAR
SICI : VARCHAR2
NORMAL_SICI : VARCHAR2
UPC : VARCHAR2
NORMAL_UPC : VARCHAR2
NOTE : VARCHAR2
<<RelationalTable>>
LINE_ITEM_COPY_HISTORY
COPY_ID : NUMBER
AUDIT_ID : NUMBER
LINE_ITEM_STATUS : NUMBE...
STATUS_DATE : DATE
INV_LINE_ITEM_ID : NUMBER
<<RelationalTable>>
PATTERN
PATTERN_ID : NUMBER
PATTERN_NAME : VARCHAR2
PATTERN_NAME_NORM : VARCHAI...
FREQUENCY_CODE : CHAR
LVL1 : VARCHAR2
LVL1_SCHEME : CHAR
LVL2 : VARCHAR2
LVL2_MAX : NUMBER
LVL2_SCHEME : CHAR
LVL2_NUM_CONT : NUMBER
LVL3 : VARCHAR2
LVL3_MAX : NUMBER
LVL3_SCHEME : CHAR
LVL3_NUM_CONT : NUMBER
LVL4 : VARCHAR2
LVL4_MAX : NUMBER
LVL4_SCHEME : CHAR
LVL4_NUM_CONT : NUMBER
LVL5 : VARCHAR2
LVL5_MAX : NUMBER
LVL5_SCHEME : CHAR
LVL5_NUM_CONT : NUMBER
LVL6 : VARCHAR2
LVL6_MAX : NUMBER
LVL6_SCHEME : CHAR
LVL6_NUM_CONT : NUMBER
ALT_LVL1 : VARCHAR2
ALT_LVL1_SCHEME : CHAR
ALT_LVL2 : VARCHAR2
ALT_LVL2_MAX : NUMBER
ALT_LVL2_SCHEME : CHAR
ALT_LVL2_NUM_CONT : NUMBER
CHRON1 : NUMBER
CHRON2 : NUMBER
CHRON3 : NUMBER
CHRON4 : NUMBER
ALT_CHRON1 : NUMBER
CREATE_DATE : DATE
CREATE_OPID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
UPDATE_DATE : DATE
UPDATE_OPID : VARCHAR2
UPDATE_LOCATION_ID : NUMBER
<<RelationalTable>>
COMPONENT_ALTCHRONDAY
COMPONENT_ID : NUMBER
CHRON_DAY : NUMBER
TYPE_OF_DAY : CHAR
<<RelationalTable>>
COMPONENT_ISSUE_DAY
COMPONENT_ID : NUMBER
EXPECTED_DAY : NUMBER
TYPE_OF_DAY : CHAR
<<RelationalTable>>
COMPONENT_PATTERN
COMPONENT_ID : NUMBER
PATTERN_ID : NUMBER
FREQUENCY_CODE : CHAR
END_DATE : DATE
END_ISSUE_ID : NUMBER
START_ISSUE_ID : NUMBER
REGULARITY : CHAR
REGULARITY_MARC : VARCHAR...
LVL1_INC_AT : NUMBER
LVL2_INC_AT : NUMBER
LVL3_INC_AT : NUMBER
LVL4_INC_AT : NUMBER
LVL5_INC_AT : NUMBER
LVL6_INC_AT : NUMBER
ALT_LVL1_INC_AT : NUMBER
ALT_LVL2_INC_ : NUMBER
<<RelationalTable>>
COMPONENT
COMPONENT_ID : NUMBER
SUBSCRIPTION_ID : NUMBER
COMPONENT_NAME : VARCHAR2
COMPONENT_NAME_NORM : VARCHAR2
UNIT_TITLE : NUMBER
CATEGORY : NUMBER
PREDICT : CHAR
NEXT_ISSUE_ID : NUMBER
NOTE : VARCHAR2
ITEM_TYPE_ID : NUMBER
CREATE_ITEMS : CHAR
CLAIM_INTERVAL : NUMBER
<<RelationalTable>>
COMPONENT_CHRONDAY
COMPONENT_ID : NUMBER
CHRON_DAY : NUMBER
TYPE_OF_DAY : CHAR
<<RelationalTable>>
MARK_REASON
MARK_REASON_ID : NUMBER
CLAIM_TYPE : NUMBER
MARK_REASON_NAME : VARCHAR2
<<RelationalTable>>
SERIAL_ISSUES
ISSUE_ID : NUMBER
COMPONENT_ID : NUMBE...
ENUMCHRON : VARCHAR2
LVL1 : NUMBER
LVL2 : NUMBER
LVL3 : NUMBER
LVL4 : NUMBER
LVL5 : NUMBER
LVL6 : NUMBER
ALT_LVL1 : NUMBER
ALT_LVL2 : NUMBER
CHRON1 : NUMBER
CHRON2 : NUMBER
CHRON3 : NUMBER
CHRON4 : NUMBER
ALT_CHRON : NUMBER
EXPECTED_DATE : DATE
RECEIPT_DATE : DATE
RECEIVED : NUMBER
<<RelationalTable>>
MARKED_ISSUE
MARKED_ID : NUMBER
COMPONENT_ID : NUMBER
ISSUE_ID : NUMBER
SUBSCRIPTION_ID : NUMBER
MARK_REASON : NUMBER
LOCATION_ID : NUMBER
COPY_ID : NUMBER
OP_ID : VARCHAR2
MARK_DATE : DATE
MARKED_COMMENT : VARCHAR2
<<RelationalTable>>
UNPREDICTABLE_ISSUES
ISSUE_ID : NUMBER
COMPONENT_ID : NUMBER
ENUMCHRON : VARCHAR2
EXPECTED_DATE : DATE
RECEIPT_DATE : DATE
RECEIVED : NUMBER
<<RelationalTable>>
SUPPRESS_SYSTEM_CLAIMS
COMPONENT_ID : NUMBER
ISSUE_ID : NUMBER
<<RelationalTable>>
ISSUES_RECEIVED
ISSUE_ID : NUMBER
COMPONENT_ID : NUMBER
COPY_ID : NUMBER
LOCATION_ID : NUMBER
RECEIPT_DATE : DATE
OPAC_SUPPRESSED : NUMBER
NOTE : VARCHAR2
COLLAPSED : CHAR
ITEM_ID : NUMBER
<<RelationalTable>>
FREQUENCY
FREQUENCY_CODE : CHAR
FREQUENCY_DESC : VARCHAR2
FREQ_INCREMENT : NUMBER
FREQ_CALC_TYPE : CHAR




Serials routing


<<RelationalTable>>
BIB_HISTORY
BIB_ID : NUMBER
OPERATOR_ID : VARCHAR2
ACTION_DATE : DATE
LOCATION_ID : NUMBER
ENCODING_LEVEL : CHAR
SUPPRESS_IN_OPAC : VARCHAR2
ACTION_TYPE_ID : NUMBER
<<RelationalTable>>
CALL_NO_TYPE
CALL_NO_TYPE : CHAR
CALL_NO_DESC : VARCHAR2
INDEXRULES : VARCHAR2
CALL_NO_CODE : VARCHAR2
MAP_CODE : CHAR
<<RelationalTable>>
LIBRARY
LIBRARY_ID : NUMBER
LIBRARY_NAME : VARCHAR2
LIBRARY_DISPLAY_NAME : VARCHAR2
NUC_CODE : VARCHAR2
<<RelationalTable>>
BIB_MASTER
BIB_ID : NUMBER
LIBRARY_ID : NUMBER
SUPPRESS_IN_OPAC : CHAR
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUMBER
EXPORT_DATE : DATE
<<RelationalTable>>
BIB_ITEM
BIB_ID : NUMBER
ITEM_ID : NUMBER
ADD_DATE : DATE
OPERATOR_ID : VARCHAR2
<<RelationalTable>>
BIB_TEXT
BIB_ID : NUMBER
AUTHOR : VARCHAR2
TITLE : VARCHAR2
TITLE_BRIEF : VARCHAR2
UNIFORM_TITLE : VARCHAR2
EDITION : VARCHAR2
ISBN : VARCHAR2
ISSN : VARCHAR2
LCCN : VARCHAR2
NETWORK_NUMBER : VARCHAR2
SERIES : VARCHAR2
CODEN : VARCHAR2
GPONUM : VARCHAR2
STDTECH : VARCHAR2
OTHER_STD_NUM : VARCHAR2
BEGIN_PUB_DATE : VARCHAR2
END_PUB_DATE : VARCHAR2
PUB_DATES_COMBINED : VARCHAR...
PUBLISHER_DATE : VARCHAR2
PUB_PLACE : VARCHAR2
PUBLISHER : VARCHAR2
PUBLISHER_NUMBER : VARCHAR2
IMPRINT : VARCHAR2
LANGUAGE : VARCHAR2
BIB_FORMAT : VARCHAR2
RECORD_STATUS : VARCHAR2
ENCODING_LEVEL : VARCHAR2
DESCRIP_FORM : VARCHAR2
FIELD_008 : VARCHAR2
PLACE_CODE : VARCHAR2
DATE_TYPE_STATUS : CHAR
MAP_PROJECTION : CHAR
MAP_MATH_DATA : VARCHAR2
STOCK_NUMBER : VARCHAR2
<<RelationalTable>>
BIB_MFHD
BIB_ID : NUMBER
MFHD_ID : NUMBER
<<RelationalTable>>
MFHD_MASTER
MFHD_ID : NUMBER
LOCATION_ID : NUMBER
CALL_NO_TYPE : CHAR
NORMALIZED_CALL_NO : VARCHAR2
DISPLAY_CALL_NO : VARCHAR2
SUPPRESS_IN_OPAC : CHAR
SOURCE_MODULE : CHAR
RECORD_STATUS : CHAR
RECORD_TYPE : CHAR
ENCODING_LEVEL : CHAR
FIELD_007 : VARCHAR2
FIELD_008 : VARCHAR2
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUMBER
EXPORT_DATE : DATE
<<RelationalTable>>
MFHD_HISTORY
MFHD_ID : NUMBER
OPERATOR_ID : VARCHAR2
ACTION_DATE : DATE
LOCATION_ID : NUMBER
ENCODING_LEVEL : CHAR
SUPPRESS_IN_OPAC : VARCHAR2
ACTION_TYPE_ID : NUMBER
<<RelationalTable>>
ITEM
ITEM_ID : NUMBER
PERM_LOCATION : NUMBER
TEMP_LOCATION : NUMBER
ITEM_TYPE_ID : NUMBER
TEMP_ITEM_TYPE_ID : NUMBER
COPY_NUMBER : NUMBER
ON_RESERVE : CHAR
RESERVE_CHARGES : NUMBER
PIECES : NUMBER
PRICE : NUMBER
SPINE_LABEL : VARCHAR2
HISTORICAL_CHARGES : NUMBER
HISTORICAL_BROWSES : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
CREATE_DATE : DATE
MODIFY_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
MODIFY_OPERATOR_ID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
MODIFY_LOCATION_ID : NUMBER
ITEM_SEQUENCE_NUMBER : NUMBI...
HISTORICAL_BOOKINGS : NUMBER
MEDIA_TYPE_ID : NUMBER
SHORT_LOAN_CHARGES : NUMBER
<<RelationalTable>>
MFHD_ITEM
MFHD_ID : NUMBER
ITEM_ID : NUMBER
ITEM_ENUM : VARCHAR2
CHRON : VARCHAR2
YEAR : VARCHAR2
CAPTION : VARCHAR2
FREETEXT : VARCHAR2
Temporary item type
Item type
<<RelationalTable>>
ITEM_TYPE
ITEM_TYPE_ID : NUMBER
ITEM_TYPE_CODE : VARCHAR2
ITEM_TYPE_NAME : VARCHAR2
ITEM_TYPE_DISPLAY : VARCHAR2
<<RelationalTable>>
ITEM_STATUS_TYPE
ITEM_STATUS_TYPE : NUMBER
ITEM_STATUS_DESC : VARCHAR2
<<RelationalTable>>
ITEM_STATUS
ITEM_ID : NUMBER
ITEM_STATUS : NUMBER
ITEM_STATUS_DATE : DATE
<<RelationalTable>>
ITEM_STATS
ITEM_ID : NUMBER
ITEM_STAT_ID : NUMBER
DATE_APPLIED : DATE
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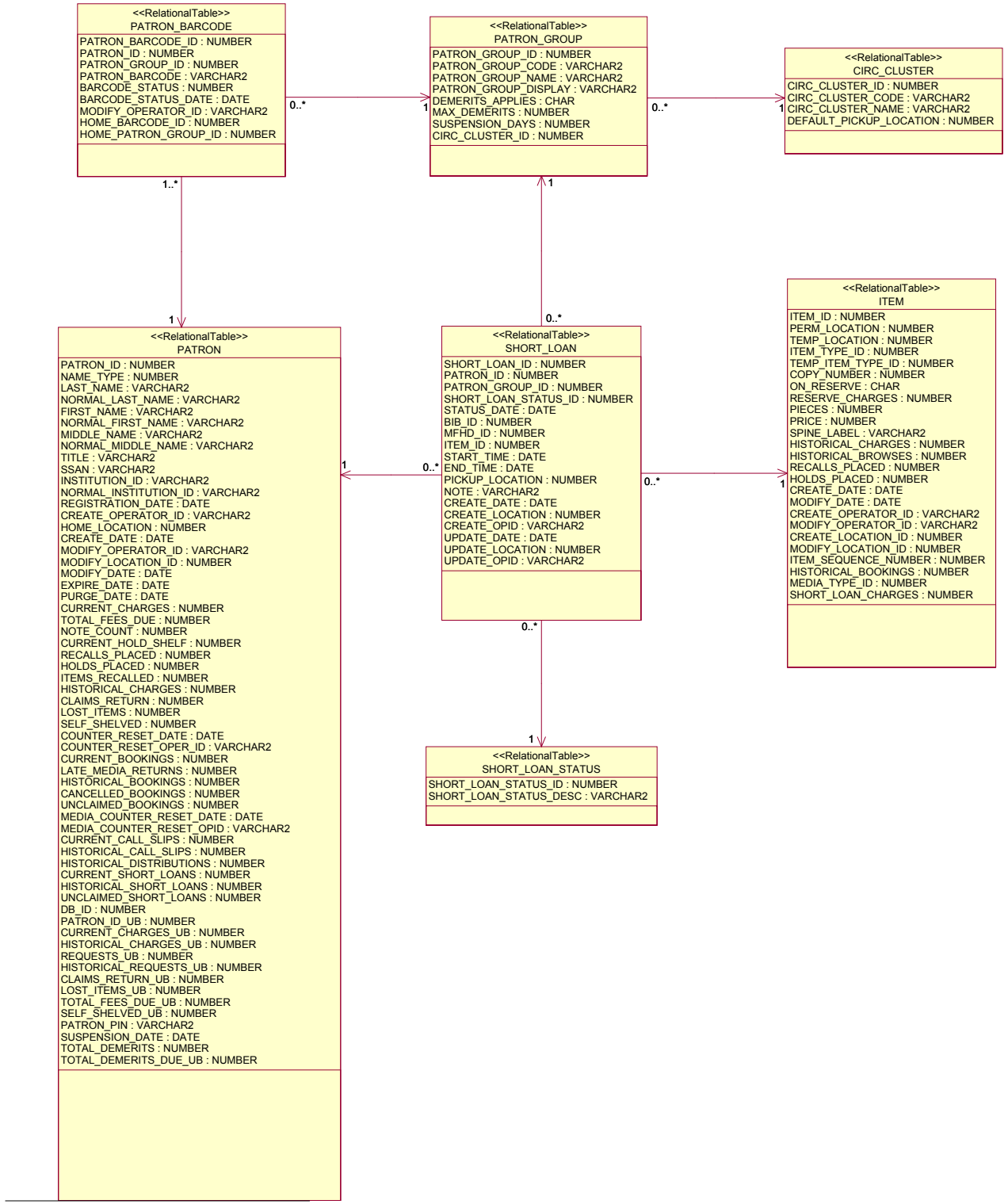
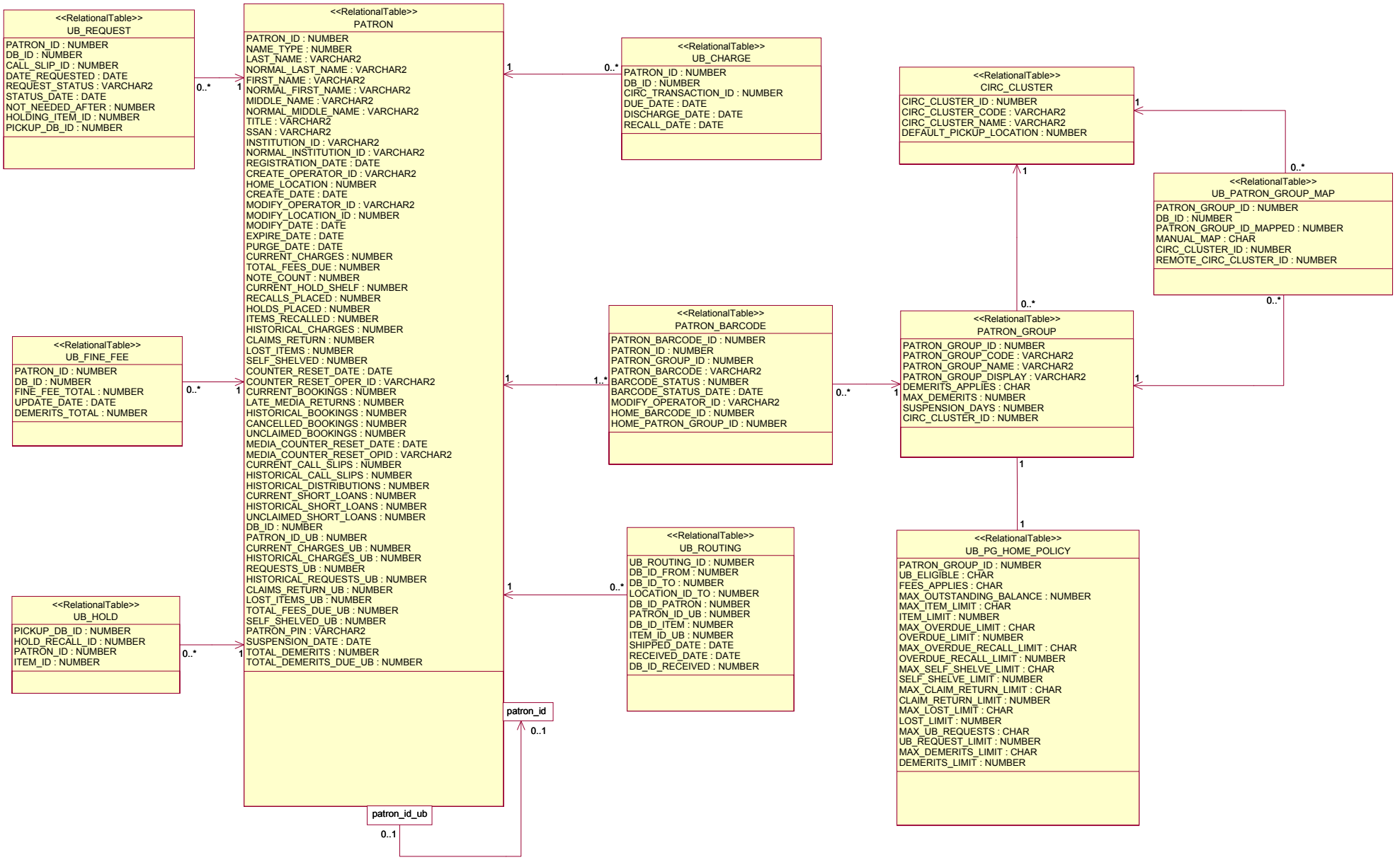
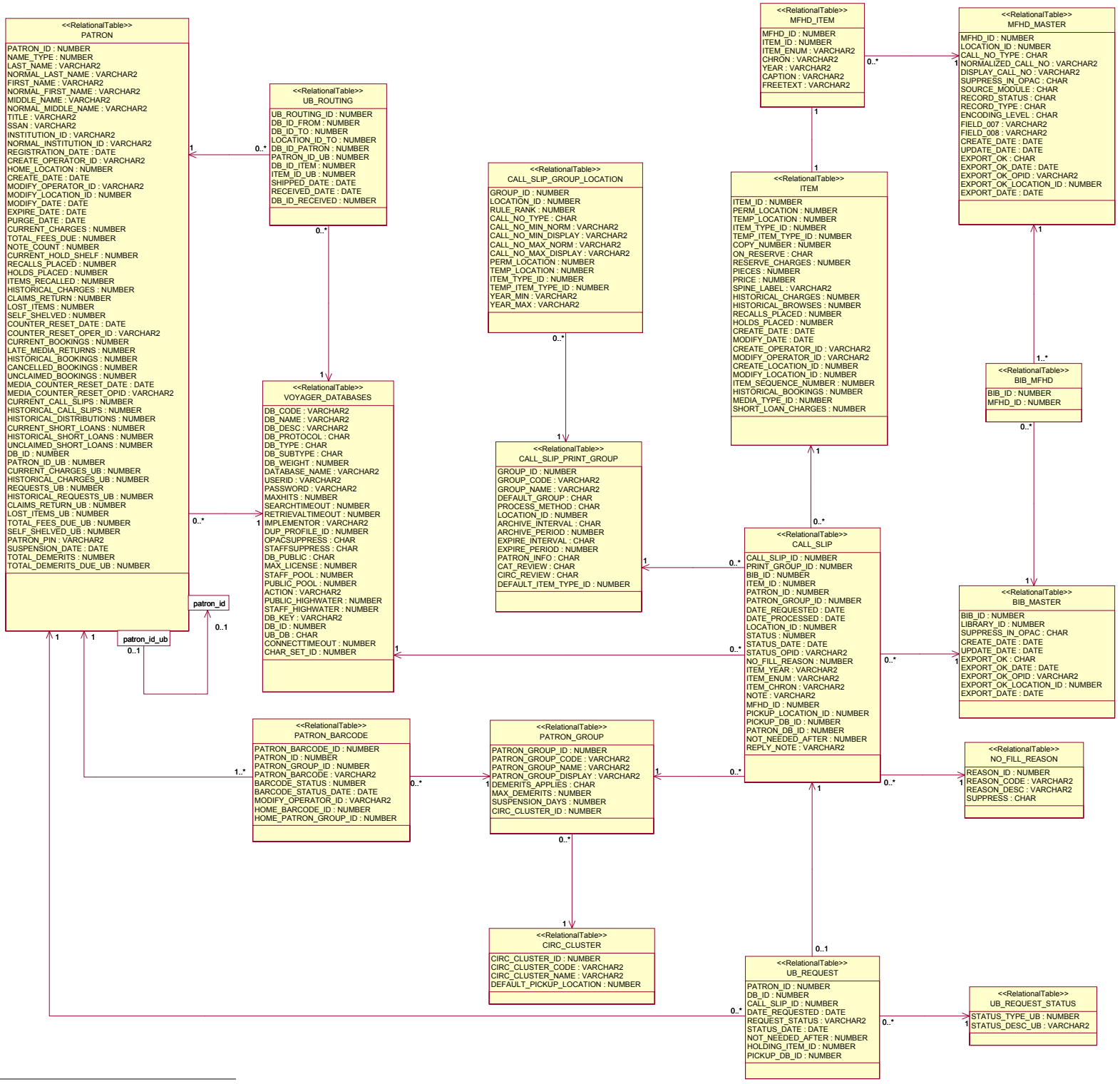
ITEM_STAT_CODE
ITEM_STAT_ID : NUMBER
ITEM_STAT_CODE : VARCHAR2
ITEM_STAT_CODE_DESC : VARCHAR2


<<RelationalTable>>
PATRON_BARCODE
PATRON_BARCODE_ID : NUMBER
PATRON_ID : NUMBER
PATRON_GROUP_ID : NUMBER
PATRON_BARCODE : VARCHAR2
BARCODE_STATUS : NUMBER
BARCODE_STATUS_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
HOME_BARCODE_ID : NUMBER
HOME_PATRON_GROUP_ID : NUMBER
<<RelationalTable>>
PATRON_GROUP
PATRON_GROUP_ID : NUMBER
PATRON_GROUP_CODE : VARCHAR2
PATRON_GROUP_NAME : VARCHAR2
PATRON_GROUP_DISPLAY : VARCHAR2
DEMERITS_APPLIES : CHAR
MAX_DEMERITS : NUMBER
SUSPENSION_DAYS : NUMBER
CIRC_CLUSTER_ID : NUMBER
<<RelationalTable>>
CIRC_CLUSTER
CIRC_CLUSTER_ID : NUMBER
CIRC_CLUSTER_CODE : VARCHAR2
CIRC_CLUSTER_NAME : VARCHAR2
DEFAULT_PICKUP_LOCATION : NUMBER
<<RelationalTable>>
PATRON
PATRON_ID : NUMBER
NAME_TYPE : NUMBER
LAST_NAME : VARCHAR2
NORMAL_LAST_NAME : VARCHAR2
FIRST_NAME : VARCHAR2
NORMAL_FIRST_NAME : VARCHAR2
MIDDLE_NAME : VARCHAR2
NORMAL_MIDDLE_NAME : VARCHAR2
TITLE : VARCHAR2
SSAN : VARCHAR2
INSTITUTION_ID : VARCHAR2
NORMAL_INSTITUTION_ID : VARCHAR2
REGISTRATION_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
HOME_LOCATION : NUMBER
CREATE_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
MODIFY_LOCATION_ID : NUMBER
MODIFY_DATE : DATE
EXPIRE_DATE : DATE
PURGE_DATE : DATE
CURRENT_CHARGES : NUMBER
TOTAL_FEES_DUE : NUMBER
NOTE_COUNT : NUMBER
CURRENT_HOLD_SHELF : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
ITEMS_RECALLED : NUMBER
HISTORICAL_CHARGES : NUMBER
CLAIMS_RETURN : NUMBER
LOST_ITEMS : NUMBER
SELF_SHELVED : NUMBER
COUNTER_RESET_DATE : DATE
COUNTER_RESET_OPER_ID : VARCHAR2
CURRENT_BOOKINGS : NUMBER
LATE_MEDIA_RETURNS : NUMBER
HISTORICAL_BOOKINGS : NUMBER
CANCELLED_BOOKINGS : NUMBER
UNCLAIMED_BOOKINGS : NUMBER
MEDIA_COUNTER_RESET_DATE : DATE
MEDIA_COUNTER_RESET_OPID : VARCHAR2
CURRENT_CALL_SLIPS : NUMBER
HISTORICAL_CALL_SLIPS : NUMBER
HISTORICAL_DISTRIBUTIONS : NUMBER
CURRENT_SHORT_LOANS : NUMBER
HISTORICAL_SHORT_LOANS : NUMBER
UNCLAIMED_SHORT_LOANS : NUMBER
DB_ID : NUMBER
PATRON_ID_UB : NUMBER
CURRENT_CHARGES_UB : NUMBER
HISTORICAL_CHARGES_UB : NUMBER
REQUESTS_UB : NUMBER
HISTORICAL_REQUESTS_UB : NUMBER
CLAIMS_RETURN_UB : NUMBER
LOST_ITEMS_UB : NUMBER
TOTAL_FEES_DUE_UB : NUMBER
SELF_SHELVED_UB : NUMBER
PATRON_PIN : VARCHAR2
SUSPENSION_DATE : DATE
TOTAL_DEMERITS : NUMBER
TOTAL_DEMERITS_DUE_UB : NUMBER
<<RelationalTable>>
SHORT_LOAN
SHORT_LOAN_ID : NUMBER
PATRON_ID : NUMBER
PATRON_GROUP_ID : NUMBER
SHORT_LOAN_STATUS_ID : NUMBER
STATUS_DATE : DATE
BIB_ID : NUMBER
MFHD_ID : NUMBER
ITEM_ID : NUMBER
START_TIME : DATE
END_TIME : DATE
PICKUP_LOCATION : NUMBER
NOTE : VARCHAR2
CREATE_DATE : DATE
CREATE_LOCATION : NUMBER
CREATE_OPID : VARCHAR2
UPDATE_DATE : DATE
UPDATE_LOCATION : NUMBER
UPDATE_OPID : VARCHAR2
<<RelationalTable>>
ITEM
ITEM_ID : NUMBER
PERM_LOCATION : NUMBER
TEMP_LOCATION : NUMBER
ITEM_TYPE_ID : NUMBER
TEMP_ITEM_TYPE_ID : NUMBER
COPY_NUMBER : NUMBER
ON_RESERVE : CHAR
RESERVE_CHARGES : NUMBER
PIECES : NUMBER
PRICE : NUMBER
SPINE_LABEL : VARCHAR2
HISTORICAL_CHARGES : NUMBER
HISTORICAL_BROWSES : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
CREATE_DATE : DATE
MODIFY_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
MODIFY_OPERATOR_ID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
MODIFY_LOCATION_ID : NUMBER
ITEM_SEQUENCE_NUMBER : NUMBER
HISTORICAL_BOOKINGS : NUMBER
MEDIA_TYPE_ID : NUMBER
SHORT_LOAN_CHARGES : NUMBER
<<RelationalTable>>
SHORT_LOAN_STATUS
SHORT_LOAN_STATUS_ID : NUMBER
SHORT_LOAN_STATUS_DESC : VARCHAR2
0..*
1
1..*
1
0..*
1
0..*
1
1
0..*
1
0..*
0..*
1


<<RelationalTable>>
UB_REQUEST
PATRON_ID : NUMBER
DB_ID : NUMBER
CALL_SLIP_ID : NUMBER
DATE_REQUESTED : DATE
REQUEST_STATUS : VARCHAR2
STATUS_DATE : DATE
NOT_NEEDED_AFTER : NUMBER
HOLDING_ITEM_ID : NUMBER
PICKUP_DB_ID : NUMBER
<<RelationalTable>>
PATRON
PATRON_ID : NUMBER
NAME_TYPE : NUMBER
LAST_NAME : VARCHAR2
NORMAL_LAST_NAME : VARCHAR2
FIRST_NAME : VARCHAR2
NORMAL_FIRST_NAME : VARCHAR2
MIDDLE_NAME : VARCHAR2
NORMAL_MIDDLE_NAME : VARCHAR2
TITLE : VARCHAR2
SSAN : VARCHAR2
INSTITUTION_ID : VARCHAR2
NORMAL_INSTITUTION_ID : VARCHAR2
REGISTRATION_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
HOME_LOCATION : NUMBER
CREATE_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
MODIFY_LOCATION_ID : NUMBER
MODIFY_DATE : DATE
EXPIRE_DATE : DATE
PURGE_DATE : DATE
CURRENT_CHARGES : NUMBER
TOTAL_FEES_DUE : NUMBER
NOTE_COUNT : NUMBER
CURRENT_HOLD_SHELF : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
ITEMS_RECALLED : NUMBER
HISTORICAL_CHARGES : NUMBER
CLAIMS_RETURN : NUMBER
LOST_ITEMS : NUMBER
SELF_SHELVED : NUMBER
COUNTER_RESET_DATE : DATE
COUNTER_RESET_OPER_ID : VARCHAR2
CURRENT_BOOKINGS : NUMBER
LATE_MEDIA_RETURNS : NUMBER
HISTORICAL_BOOKINGS : NUMBER
CANCELLED_BOOKINGS : NUMBER
UNCLAIMED_BOOKINGS : NUMBER
MEDIA_COUNTER_RESET_DATE : DATE
MEDIA_COUNTER_RESET_OPID : VARCHAR2
CURRENT_CALL_SLIPS : NUMBER
HISTORICAL_CALL_SLIPS : NUMBER
HISTORICAL_DISTRIBUTIONS : NUMBER
CURRENT_SHORT_LOANS : NUMBER
HISTORICAL_SHORT_LOANS : NUMBER
UNCLAIMED_SHORT_LOANS : NUMBER
DB_ID : NUMBER
PATRON_ID_UB : NUMBER
CURRENT_CHARGES_UB : NUMBER
HISTORICAL_CHARGES_UB : NUMBER
REQUESTS_UB : NUMBER
HISTORICAL_REQUESTS_UB : NUMBER
CLAIMS_RETURN_UB : NUMBER
LOST_ITEMS_UB : NUMBER
TOTAL_FEES_DUE_UB : NUMBER
SELF_SHELVED_UB : NUMBER
PATRON_PIN : VARCHAR2
SUSPENSION_DATE : DATE
TOTAL_DEMERITS : NUMBER
TOTAL_DEMERITS_DUE_UB : NUMBER
<<RelationalTable>>
UB_CHARGE
PATRON_ID : NUMBER
DB_ID : NUMBER
CIRC_TRANSACTION_ID : NUMBER
DUE_DATE : DATE
DISCHARGE_DATE : DATE
RECALL_DATE : DATE
<<RelationalTable>>
CIRC_CLUSTER
CIRC_CLUSTER_ID : NUMBER
CIRC_CLUSTER_CODE : VARCHAR2
CIRC_CLUSTER_NAME : VARCHAR2
DEFAULT_PICKUP_LOCATION : NUMBER
<<RelationalTable>>
UB_PATRON_GROUP_MAP
PATRON_GROUP_ID : NUMBER
DB_ID : NUMBER
PATRON_GROUP_ID_MAPPED : NUMBER
MANUAL_MAP : CHAR
CIRC_CLUSTER_ID : NUMBER
REMOTE_CIRC_CLUSTER_ID : NUMBER
<<RelationalTable>>
UB_FINE_FEE
PATRON_ID : NUMBER
DB_ID : NUMBER
FINE_FEE_TOTAL : NUMBER
UPDATE_DATE : DATE
DEMERITS_TOTAL : NUMBER
<<RelationalTable>>
PATRON_BARCODE
PATRON_BARCODE_ID : NUMBER
PATRON_ID : NUMBER
PATRON_GROUP_ID : NUMBER
PATRON_BARCODE : VARCHAR2
BARCODE_STATUS : NUMBER
BARCODE_STATUS_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
HOME_BARCODE_ID : NUMBER
HOME_PATRON_GROUP_ID : NUMBER
<<RelationalTable>>
PATRON_GROUP
PATRON_GROUP_ID : NUMBER
PATRON_GROUP_CODE : VARCHAR2
PATRON_GROUP_NAME : VARCHAR2
PATRON_GROUP_DISPLAY : VARCHAR2
DEMERITS_APPLIES : CHAR
MAX_DEMERITS : NUMBER
SUSPENSION_DAYS : NUMBER
CIRC_CLUSTER_ID : NUMBER
<<RelationalTable>>
UB_HOLD
PICKUP_DB_ID : NUMBER
HOLD_RECALL_ID : NUMBER
PATRON_ID : NUMBER
ITEM_ID : NUMBER
<<RelationalTable>>
UB_ROUTING
UB_ROUTING_ID : NUMBER
DB_ID_FROM : NUMBER
DB_ID_TO : NUMBER
LOCATION_ID_TO : NUMBER
DB_ID_PATRON : NUMBER
PATRON_ID_UB : NUMBER
DB_ID_ITEM : NUMBER
ITEM_ID_UB : NUMBER
SHIPPED_DATE : DATE
RECEIVED_DATE : DATE
DB_ID_RECEIVED : NUMBER
<<RelationalTable>>
UB_PG_HOME_POLICY
PATRON_GROUP_ID : NUMBER
UB_ELIGIBLE : CHAR
FEES_APPLIES : CHAR
MAX_OUTSTANDING_BALANCE : NUMBER
MAX_ITEM_LIMIT : CHAR
ITEM_LIMIT : NUMBER
MAX_OVERDUE_LIMIT : CHAR
OVERDUE_LIMIT : NUMBER
MAX_OVERDUE_RECALL_LIMIT : CHAR
OVERDUE_RECALL_LIMIT : NUMBER
MAX_SELF_SHELVE_LIMIT : CHAR
SELF_SHELVE_LIMIT : NUMBER
MAX_CLAIM_RETURN_LIMIT : CHAR
CLAIM_RETURN_LIMIT : NUMBER
MAX_LOST_LIMIT : CHAR
LOST_LIMIT : NUMBER
MAX_UB_REQUESTS : CHAR
UB_REQUEST_LIMIT : NUMBER
MAX_DEMERITS_LIMIT : CHAR
DEMERITS_LIMIT : NUMBER
patron_id
patron_id_ub
0..*
1
0..1
1..*


<<RelationalTable>>
PATRON
PATRON_ID : NUMBER
NAME_TYPE : NUMBER
LAST_NAME : VARCHAR2
NORMAL_LAST_NAME : VARCHAR2
FIRST_NAME : VARCHAR2
NORMAL_FIRST_NAME : VARCHAR2
MIDDLE_NAME : VARCHAR2
NORMAL_MIDDLE_NAME : VARCHAR2
TITLE : VARCHAR2
SSAN : VARCHAR2
INSTITUTION_ID : VARCHAR2
NORMAL_INSTITUTION_ID : VARCHAR2
REGISTRATION_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
HOME_LOCATION : NUMBER
CREATE_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
MODIFY_LOCATION_ID : NUMBER
MODIFY_DATE : DATE
EXPIRE_DATE : DATE
PURGE_DATE : DATE
CURRENT_CHARGES : NUMBER
TOTAL_FEES_DUE : NUMBER
NOTE_COUNT : NUMBER
CURRENT_HOLD_SHELF : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
ITEMS_RECALLED : NUMBER
HISTORICAL_CHARGES : NUMBER
CLAIMS_RETURN : NUMBER
LOST_ITEMS : NUMBER
SELF_SHELVED : NUMBER
COUNTER_RESET_DATE : DATE
COUNTER_RESET_OPER_ID : VARCHAR2
CURRENT_BOOKINGS : NUMBER
LATE_MEDIA_RETURNS : NUMBER
HISTORICAL_BOOKINGS : NUMBER
CANCELLED_BOOKINGS : NUMBER
UNCLAIMED_BOOKINGS : NUMBER
MEDIA_COUNTER_RESET_DATE : DATE
MEDIA_COUNTER_RESET_OPID : VARCHAR2
CURRENT_CALL_SLIPS : NUMBER
HISTORICAL_CALL_SLIPS : NUMBER
HISTORICAL_DISTRIBUTIONS : NUMBER
CURRENT_SHORT_LOANS : NUMBER
HISTORICAL_SHORT_LOANS : NUMBER
UNCLAIMED_SHORT_LOANS : NUMBER
DB_ID : NUMBER
PATRON_ID_UB : NUMBER
CURRENT_CHARGES_UB : NUMBER
HISTORICAL_CHARGES_UB : NUMBER
REQUESTS_UB : NUMBER
HISTORICAL_REQUESTS_UB : NUMBER
CLAIMS_RETURN_UB : NUMBER
LOST_ITEMS_UB : NUMBER
TOTAL_FEES_DUE_UB : NUMBER
SELF_SHELVED_UB : NUMBER
PATRON_PIN : VARCHAR2
SUSPENSION_DATE : DATE
TOTAL_DEMERITS : NUMBER
TOTAL_DEMERITS_DUE_UB : NUMBER
patron_id
patron_id_ub
<<RelationalTable>>
UB_ROUTING
UB_ROUTING_ID : NUMBER
DB_ID_FROM : NUMBER
DB_ID_TO : NUMBER
LOCATION_ID_TO : NUMBER
DB_ID_PATRON : NUMBER
PATRON_ID_UB : NUMBER
DB_ID_ITEM : NUMBER
ITEM_ID_UB : NUMBER
SHIPPED_DATE : DATE
RECEIVED_DATE : DATE
DB_ID_RECEIVED : NUMBER
<<RelationalTable>>
VOYAGER_DATABASES
DB_CODE : VARCHAR2
DB_NAME : VARCHAR2
DB_DESC : VARCHAR2
DB_PROTOCOL : CHAR
DB_TYPE : CHAR
DB_SUBTYPE : CHAR
DB_WEIGHT : NUMBER
DATABASE_NAME : VARCHAR2
USERID : VARCHAR2
PASSWORD : VARCHAR2
MAXHITS : NUMBER
SEARCHTIMEOUT : NUMBER
RETRIEVALTIMEOUT : NUMBER
IMPLEMENTOR : VARCHAR2
DUP_PROFILE_ID : NUMBER
OPACSUPPRESS : CHAR
STAFFSUPPRESS : CHAR
DB_PUBLIC : CHAR
MAX_LICENSE : NUMBER
STAFF_POOL : NUMBER
PUBLIC_POOL : NUMBER
ACTION : VARCHAR2
PUBLIC_HIGHWATER : NUMBER
STAFF_HIGHWATER : NUMBER
DB_KEY : VARCHAR2
DB_ID : NUMBER
UB_DB : CHAR
CONNECTTIMEOUT : NUMBER
CHAR_SET_ID : NUMBER
<<RelationalTable>>
PATRON_BARCODE
PATRON_BARCODE_ID : NUMBER
PATRON_ID : NUMBER
PATRON_GROUP_ID : NUMBER
PATRON_BARCODE : VARCHAR2
BARCODE_STATUS : NUMBER
BARCODE_STATUS_DATE : DATE
MODIFY_OPERATOR_ID : VARCHAR2
HOME_BARCODE_ID : NUMBER
HOME_PATRON_GROUP_ID : NUMBER
<<RelationalTable>>
CALL_SLIP_GROUP_LOCATION
GROUP_ID : NUMBER
LOCATION_ID : NUMBER
RULE_RANK : NUMBER
CALL_NO_TYPE : CHAR
CALL_NO_MIN_NORM : VARCHAR2
CALL_NO_MIN_DISPLAY : VARCHAR2
CALL_NO_MAX_NORM : VARCHAR2
CALL_NO_MAX_DISPLAY : VARCHAR2
PERM_LOCATION : NUMBER
TEMP_LOCATION : NUMBER
ITEM_TYPE_ID : NUMBER
TEMP_ITEM_TYPE_ID : NUMBER
YEAR_MIN : VARCHAR2
YEAR_MAX : VARCHAR2
<<RelationalTable>>
CALL_SLIP_PRINT_GROUP
GROUP_ID : NUMBER
GROUP_CODE : VARCHAR2
GROUP_NAME : VARCHAR2
DEFAULT_GROUP : CHAR
PROCESS_METHOD : CHAR
LOCATION_ID : NUMBER
ARCHIVE_INTERVAL : CHAR
ARCHIVE_PERIOD : NUMBER
EXPIRE_INTERVAL : CHAR
EXPIRE_PERIOD : NUMBER
PATRON_INFO : CHAR
CAT_REVIEW : CHAR
CIRC_REVIEW : CHAR
DEFAULT_ITEM_TYPE_ID : NUMBER
<<RelationalTable>>
PATRON_GROUP
PATRON_GROUP_ID : NUMBER
PATRON_GROUP_CODE : VARCHAR2
PATRON_GROUP_NAME : VARCHAR2
PATRON_GROUP_DISPLAY : VARCHAR2
DEMERITS_APPLIES : CHAR
MAX_DEMERITS : NUMBER
SUSPENSION_DAYS : NUMBER
CIRC_CLUSTER_ID : NUMBER
<<RelationalTable>>
CIRC_CLUSTER
CIRC_CLUSTER_ID : NUMBER
CIRC_CLUSTER_CODE : VARCHAR2
CIRC_CLUSTER_NAME : VARCHAR2
DEFAULT_PICKUP_LOCATION : NUMBER
<<RelationalTable>>
MFHD_ITEM
MFHD_ID : NUMBER
ITEM_ID : NUMBER
ITEM_ENUM : VARCHAR2
CHRON : VARCHAR2
YEAR : VARCHAR2
CAPTION : VARCHAR2
FREETEXT : VARCHAR2
<<RelationalTable>>
ITEM
ITEM_ID : NUMBER
PERM_LOCATION : NUMBER
TEMP_LOCATION : NUMBER
ITEM_TYPE_ID : NUMBER
TEMP_ITEM_TYPE_ID : NUMBER
COPY_NUMBER : NUMBER
ON_RESERVE : CHAR
RESERVE_CHARGES : NUMBER
PIECES : NUMBER
PRICE : NUMBER
SPINE_LABEL : VARCHAR2
HISTORICAL_CHARGES : NUMBER
HISTORICAL_BROWSES : NUMBER
RECALLS_PLACED : NUMBER
HOLDS_PLACED : NUMBER
CREATE_DATE : DATE
MODIFY_DATE : DATE
CREATE_OPERATOR_ID : VARCHAR2
MODIFY_OPERATOR_ID : VARCHAR2
CREATE_LOCATION_ID : NUMBER
MODIFY_LOCATION_ID : NUMBER
ITEM_SEQUENCE_NUMBER : NUMBER
HISTORICAL_BOOKINGS : NUMBER
MEDIA_TYPE_ID : NUMBER
SHORT_LOAN_CHARGES : NUMBER
<<RelationalTable>>
CALL_SLIP
CALL_SLIP_ID : NUMBER
PRINT_GROUP_ID : NUMBER
BIB_ID : NUMBER
ITEM_ID : NUMBER
PATRON_ID : NUMBER
PATRON_GROUP_ID : NUMBER
DATE_REQUESTED : DATE
DATE_PROCESSED : DATE
LOCATION_ID : NUMBER
STATUS : NUMBER
STATUS_DATE : DATE
STATUS_OPID : VARCHAR2
NO_FILL_REASON : NUMBER
ITEM_YEAR : VARCHAR2
ITEM_ENUM : VARCHAR2
ITEM_CHRON : VARCHAR2
NOTE : VARCHAR2
MFHD_ID : NUMBER
PICKUP_LOCATION_ID : NUMBER
PICKUP_DB_ID : NUMBER
PATRON_DB_ID : NUMBER
NOT_NEEDED_AFTER : NUMBER
REPLY_NOTE : VARCHAR2
<<RelationalTable>>
UB_REQUEST
PATRON_ID : NUMBER
DB_ID : NUMBER
CALL_SLIP_ID : NUMBER
DATE_REQUESTED : DATE
REQUEST_STATUS : VARCHAR2
STATUS_DATE : DATE
NOT_NEEDED_AFTER : NUMBER
HOLDING_ITEM_ID : NUMBER
PICKUP_DB_ID : NUMBER
<<RelationalTable>>
MFHD_MASTER
MFHD_ID : NUMBER
LOCATION_ID : NUMBER
CALL_NO_TYPE : CHAR
NORMALIZED_CALL_NO : VARCHAR2
DISPLAY_CALL_NO : VARCHAR2
SUPPRESS_IN_OPAC : CHAR
SOURCE_MODULE : CHAR
RECORD_STATUS : CHAR
RECORD_TYPE : CHAR
ENCODING_LEVEL : CHAR
FIELD_007 : VARCHAR2
FIELD_008 : VARCHAR2
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUMBER
EXPORT_DATE : DATE
<<RelationalTable>>
BIB_MFHD
BIB_ID : NUMBER
MFHD_ID : NUMBER
<<RelationalTable>>
BIB_MASTER
BIB_ID : NUMBER
LIBRARY_ID : NUMBER
SUPPRESS_IN_OPAC : CHAR
CREATE_DATE : DATE
UPDATE_DATE : DATE
EXPORT_OK : CHAR
EXPORT_OK_DATE : DATE
EXPORT_OK_OPID : VARCHAR2
EXPORT_OK_LOCATION_ID : NUMBER
EXPORT_DATE : DATE
<<RelationalTable>>
NO_FILL_REASON
REASON_ID : NUMBER
REASON_CODE : VARCHAR2
REASON_DESC : VARCHAR2
SUPPRESS : CHAR
<<RelationalTable>>
UB_REQUEST_STATUS
STATUS_TYPE_UB : NUMBER
STATUS_DESC_UB : VARCHAR2