As nearly as possible, run the postgres queries on July 1, or in the first week of July to provide a snapshot of the catalog at fiscal year’s end, and eliminate the need to account for withdrawn or deleted records.

Check that any records with 001 ^ wln are suppressed to "s"

Q1: Titles held June 30, 20-- (all formats)

Documents and files for each annual reporting period (fiscal year) are stored in shared folders.

Copy q1 folders, sub-folders, and files from the previous year; edit filenames as appropriate, following the established pattern. Each format folder contains 3 PostgreSQL queries, 3 sample result .csv files, a shell script to ‘process’ the contents of the folder, and a sample ‘count’ output file.

Q1 Folders (example)

|  |  |  |
| --- | --- | --- |
| C:\Users\crawfotj.AD\Box Sync\arl\17-18\Q1 | | |
| C:\Users\crawfotj.AD\Box Sync\arl\17-18\Q1\Process1\ | | |
|  | process.sh *(edit date range for outfile name)* | |
|  | count\_arl\_q1.rb *(edit date range in line 40)* | |
|  | arl\_tally.txt |  |
|  | arl\_tally\_formated for excel.txt | |
|  |  |  |
|  | \1\_monographs *(format folder - bibliographic BCODE2 equal to "a" OR "t")* | |
|  |  | \mono\_arl\_17-18\_q1\_set1.sql *(check format code and set date range)* |
|  |  | \mono\_arl\_17-18\_q1\_set2.sql *(check format code and set date range)* |
|  |  | \mono\_arl\_17-18\_q1\_set3.sql *(check format code and set date range)* |
|  |  | \q1\_set1\_mono\_pass1.csv *(may require multiple passes)* |
|  |  | \q1\_set2\_mono\_pass1.csv *(may require multiple passes)* |
|  |  | \q1\_set3\_mono\_pass1.csv *(may require multiple passes)* |
|  |  | \process.sh *(edit date range for outfile name)* |
|  |  | \1\_monographs\_17\_18\_q1\_count.txt |
|  | \2\_serials *(format folder - bibliographic BCODE2 equal to "s")* | |
|  |  | \ser\_arl\_17-18\_q1\_set1.sql *(check format code and set date range)* |
|  |  | \ser\_arl\_17-18\_q1\_set1.sql *(check format code and set date range)* |
|  |  | \ser\_arl\_17-18\_q1\_set1.sql *(check format code and set date range)* |
|  |  | \q1\_set1\_ser\_pass1.csv *(may require multiple passes)* |
|  |  | \q1\_set2\_ser\_pass1.csv *(may require multiple passes)*) |
|  |  | \q1\_set3\_ser\_pass1.csv *(may require multiple passes)* |
|  |  | \process.sh *(edit date range for outfile name)* |
|  |  | \2\_serials\_17\_18\_q1\_count.txt |
|  | \3\_scores *(format folder - bibliographic BCODE2 equal to "c" OR “d”)* | |
|  |  | \score\_arl\_17-18\_q1\_set1.sql *(check format code and set date range)* |
|  |  | \score\_arl\_17-18\_q1\_set2.sql *(check format code and set date range)* |
|  |  | \score\_arl\_17-18\_q1\_set3.sql *(check format code and set date range)* |
|  |  | \q1\_set1\_score\_pass1.csv |
|  |  | \q1\_set2\_score\_pass1.csv |
|  |  | \q1\_set3\_score\_pass1.csv |
|  |  | \process.sh *(edit date range for outfile name)* |
|  |  | \3\_scores\_17\_18\_q1\_count.txt |
|  | \4\_maps  *(format folder - bibliographic BCODE2 equal to "e" OR “f”)* | |
|  |  | \map\_arl\_17-18\_q1\_set1.sql *(check format code and set date range)* |
|  |  | \map\_arl\_17-18\_q1\_set2.sql *(check format code and set date range)* |
|  |  | \map\_arl\_17-18\_q1\_set3.sql *(check format code and set date range)* |
|  |  | \q1\_set1\_map\_pass1.csv *(may require multiple passes)* |
|  |  | \q1\_set2\_map\_pass1.csv |
|  |  | \q1\_set3\_map\_pass1.csv |
|  |  | \process.sh *(edit date range for outfile name)* |
|  |  | \4\_maps\_17\_18\_q1\_count.txt |
|  | \5\_audio *(format folder - bibliographic BCODE2 equal to "i" OR “j”)* | |
|  |  | \audio\_arl\_17-18\_q1\_set1.sql *(check format code and set date range)* |
|  |  | \audio\_arl\_17-18\_q1\_set2.sql *(check format code and set date range)* |
|  |  | \audio\_arl\_17-18\_q1\_set3.sql *(check format code and set date range)* |
|  |  | \q1\_set1\_audio\_pass1.csv |
|  |  | \q1\_set2\_audio\_pass1.csv |
|  |  | \q1\_set3\_audio\_pass1.csv |
|  |  | \process.sh *(edit date range for outfile name)* |
|  |  | \5\_audio\_17\_18\_q1\_count.txt |
|  | \6\_projected *(format folder - bibliographic BCODE2 equal to "g")* | |
|  |  | \proj\_arl\_17-18\_q1\_set1.sql *(check format code and set date range)* |
|  |  | \proj\_arl\_17-18\_q1\_set2.sql *(check format code and set date range)* |
|  |  | \proj\_arl\_17-18\_q1\_set3.sql *(check format code and set date range)* |
|  |  | \q1\_set1\_projected\_pass1.csv |
|  |  | \q1\_set2\_projected\_pass1.csv |
|  |  | \q1\_set3\_projected\_pass1.csv |
|  |  | \process.sh *(edit date range for outfile name)* |
|  |  | \6\_projected\_17\_18\_q1\_count.txt |
|  | \7\_graphic \_2d\_object *(format folder - bibliographic BCODE2 equal to "k")* | |
|  |  | \graphic\_arl\_17-18\_q1\_set1.sql *(check format code and set date range)* |
|  |  | \graphic\_arl\_17-18\_q1\_set2.sql *(check format code and set date range)* |
|  |  | \graphic\_arl\_17-18\_q1\_set3.sql *(check format code and set date range)* |
|  |  | \q1\_set1\_graphic\_pass1.csv |
|  |  | \q1\_set2\_graphic\_pass1.csv |
|  |  | \q1\_set3\_graphic\_pass1.csv |
|  |  | \process.sh *(edit date range for outfile name)* |
|  |  | \7\_graphic\_2d\_object\_17\_18\_q1\_count.txt |
|  | \8\_eresource *(format folder - bibliographic BCODE2 equal to "m")* | |
|  |  | \eresource\_arl\_17-18\_q1\_set1.sql *(check format code and set date range)* |
|  |  | \eresource\_arl\_17-18\_q1\_set2.sql *(check format code and set date range)* |
|  |  | \eresource\_arl\_17-18\_q1\_set3.sql *(check format code and set date range)* |
|  |  | \q1\_set1\_eresource\_pass1.csv |
|  |  | \q1\_set2-eresource\_pass1.csv |
|  |  | \q1\_set3\_eresource\_pass1.csv |
|  |  | \process.sh *(edit date range for outfile name)* |
|  |  | \8\_eresource\_17\_18\_q1\_count.txt |
|  | \9\_mixed *(format folder - bibliographic BCODE2 equal to "p”)* | |
|  |  | \mixed\_arl\_17-18\_q1\_set1.sql *(check format code and set date range)* |
|  |  | \mixed\_arl\_17-18\_q1\_set2.sql *(check format code and set date range)* |
|  |  | \mixed\_arl\_17-18\_q1\_set3.sql *(check format code and set date range)* |
|  |  | \q1\_set1\_mixed\_pass1.csv |
|  |  | \q1\_set2\_mixed\_pass1.csv |
|  |  | \q1\_set3\_mixed\_pass1.csv |
|  |  | \process.sh *(edit date range for outfile name)* |
|  |  | \9\_mixed\_17\_18\_q1\_count.txt |
|  | \10 micro *(format folder - bibliographic BCODE2 equal to "h" OR “v”)* | |
|  |  | \micro\_arl\_17-18\_q1\_set2.sql |
|  |  | \micro\_arl\_17-18\_q1\_set3.sql |
|  |  | \q1\_set2\_micro\_pass1.csv *(check format code and set date range)* |
|  |  | \q1\_set3\_micro\_pass1.csv *(check format code and set date range)* |
|  |  | \process.sh *(edit date range for outfile name)* |
|  |  | \10\_micro\_17\_18\_q1\_count.txt |

In PGAdmin (online), run PostgreSQL queries within each bib-format folder. Each query searches for a discrete group of records:

(set 1) Internet resources (remote electronic resources), including url on print bibs, but with no print item attached

(set 2) Non-internet resources , physical carrier, including electronic resources on physical carrier (e.g., disc)

(set 3) Both electronic resource .and physical piece represented on a single bib.

|  |  |
| --- | --- |
| **Set 1: Internet Resource (url, remote e-resource)** | |
| ARL\_q1\_set1 (generic).sql specifies | MARC tag 856 != “” OR MARC tag 956 != “”  AND BIB LOC = Internet locations (attached item or ckin internet locations)  AND BIB LOC = All fields don’t have print locations |
| **Set 2: Physical carrier, no Internet (no url)** | |
| ARL\_q1\_set2 (generic).sql specifies | MARC tag 856 = “” OR MARC tag 956 = “”  AND BIB LOC = ONLY Print locations (do we need to specify?) |
| **Set 3 Physical carrier (e.g., print) AND Internet Resource** | |
| ARL\_q1\_set3 (generic).sql specifies | MARC tag 856 != “” OR MARC tag 956 != “”  AND BIB LOC = Includes both Internet and non-Internet  AND Item or checkin location both each |
| Export =245 ; =1XX; =240; =130, =250 to .csv files | |

**Process**

Search the queries in each bib format, using repeated passes as necessary; writing exported results to .csv files in respective format folders.

Edit date range in line 6 of <process.sh> (outfile name) Run (double click) <process.sh> script to combine exported .csv files, dedup on title strings and write outfile to <…count.txt>

After running queries and process.sh in all format folders, run (double click) <count\_arl-q1.rb> to collect totals and write outfile to "arl-tally.txt" Be sure to EDIT the date range in line 40 of the script.

Add the info from "arl-tally" to “Q1-2\_Jeff’s\_Calculations” spreadsheet

Formats in Bibliographic records are defined in cataloging rules, and determine “Type of Record” in MARC. The format code appears In BCODE 2 in Sierra bibliographic records, or a combination of BCODE 2 and 006 field. Each of the format specific PostgreSQL queries has the appropriate codes.

|  |  |  |
| --- | --- | --- |
| (1)Monograph | a, or t | BCODE2 equal to "a" OR BCODE2 equal to "t") |
| (2)Serial | S | *BCODE2 equal to "s"* |
| (3)Score | c-d | *BCODE2 between "c"and "d"* |
| (4)Map | e-f | *BCODE2 between "e"and "f"* |
| (5)Audio | i, j | *BIBLIOGRAPHIC BCODE2 between "i"and "j"* |
| (6)Projected | G | *BIBLIOGRAPHIC BCODE2 equal to "g"* |
| (7)2-D object | K | *BIBLIOGRAPHIC BCODE2 equal to "k"* |
| (8)E-Resource | m \*\* | *BIBLIOGRAPHIC BCODE2 equal to "m"* |
| (9)Mixed | p | *BIBLIOGRAPHIC BCODE2 equal to "p"* |
| (10)Microform | h, v | *BCODE2 equal to "h" OR BCODE2 equal to "v")* |

|  |  |
| --- | --- |
| INTERNET BIB LOCATIONS | INTERNET ITEM LOCATIONS |
| AND (BIBLIOGRAPHIC LOCATION HAS “in”  *i.e., (BIB LOCATION equal to "bcint"*  *OR "brint"*  *OR "bhint"*  *OR "bmint"*  *OR "bolin"*  *OR "buint")* | AND (AND ITEM LOCATION has "in"  OR CHECKIN LOCATION has "in")  *i.e., LOCATION equal to "cint"*  *OR LOCATION equal to "rint"*  *OR LOCATION equal to "hint"*  *OR LOCATION equal to "mint"*  *OR LOCATION equal to “olink”*  *OR LOCATION equal to "uint"* |

\*\* there are only 711 bibs with bcode 2 = “m” AND 006 fields for other format specific charactistics. Run search for “m” as a separate pass rather than including in searches for monographs, serials, etc. The chances of double counting a title are slim.