How to produce list of electronic resources in aleph for alma migration

- **Product:** Aleph
- **Product Version:** 20, 21, 22, 23
- **Relevant for Installation Type:** Dedicated-Direct, Direct, Local, Total Care

**Question**

How to output electronic-resource bib records from Aleph for Alma -- with only one entry for each xxx01 bib record -- that is, a "P2E List", as required by Alma.

**Answer**

The following script (created by Ex Libris) was used successfully at one Aleph site:

```sql
set echo off
set pause off
set term off
set show off
set feed off
set verify off
set heading off
set linesize 25
set pagesize 50000
spool onlin.portfolio.lst
SELECT /*+ DYNAMIC_SAMPLING(2) ALL_ROWS */ distinct 'XXX01' || Z13_REC_KEY || ' ,Portfolio'
from XXX01.Z13, XXX50.Z30, XXX50.Z103 where Z13_REC_KEY = substr (Z103_REC_KEY_1,6,9) and substr (Z103_REC_KEY_1,1,5) = 'XXX01' and substr (Z30_REC_KEY,6,9) = substr (Z30_REC_KEY,1,9) and z30_collection = 'ONLIN' order by 1;
spool off
exit
```

The output from the above SQL might look like this:

```
XXX01000000123,Portfolio
XXX01000000872,Portfolio
XXX01000001963,Portfolio
```
Note: This was a small site which had few or no resources of types "Package" or "DB" (the other Alma Resource Types): they were all "Portfolio". The Physical to Electronic (P2E) Conversion Process tutorial describes these three types:

1. Portfolio: single title, purchased online in full text

2. Package: a group of journal titles bundled together by the vendor

3. DB: for searching article/title info (These are collections without portfolios, such as indexing and abstracting databases, which may be linked to bibliographic records for discovery purposes.) (Examples: Proquest Social Science Database or EBSCO Literary Reference Center Database.)

The article "How to put SQL output into a spreadsheet" may be relevant.

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