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## Duplicate item barcodes

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

Staff are able to create duplicate item barcodes in an ADM library.

### *Resolution:*

In order for duplicate barcodes to be written:

1. the z30\_id1 Oracle index built on the z30\_barcode needs to be NONUNIQUE\*, and
- 2a. the ./xxx50/tab/tab100 CHECK-BARCODE parameter needs to be set to "N"\*\*, or
- 2b. the duplicate barcode has been added using SQL.

\* This is the normal setting, as defined in ./alephm/sql\_tab/z30\_create\_index\_1.sql and as seen in util a/17/14 for z30.

\*\* This is \*not\* the normal setting: the usm50 tab100 has CHECK-BARCODE=Y -- which is the default.

Note: though the tab100 header entry for CHECK-BARCODE implies that the only effect of "Y" is to prevent blank barcodes, it can be seen in the check\_z30 program that it also enables duplicate item-barcode checking.

The z30\_id1 \*could\* be changed (in /exlibris/aleph/ann\_n/alephm/sql\_tab/z30\_create\_index\_1.sql and z30\_rebuild\_index\_1.sql) as UNIQUE, but the following SQL should be run before doing so to show instances of existing duplicate item barcodes:

```
> s+ xxx50  
SQL> select z30_barcode, count(*) from z30 group by z30_barcode having count(*) > 1;
```

**Category:** Cataloging

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