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## p\_auth\_03 count too high?

- **Article Type:** General
  - **Product:** Aleph
  - **Product Version:** 18.01
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### Description:

Our catalogers are trying to run the p\_auth\_03 Unauthorized headings report using a date time frame and think the results are incorrect. I don't know enough about this report to know if this is or is not true.

From the batch log, here are the parameters they are running with:

```
12181345135306 8938 p_auth_03 Fixed param: ABC01,2008_08_7series,SRS,20080605,N,01,AGUIMARA,
```

So, they want values changed since 20080605. But the resulting output file reports 32,853 records, which seems excessive.

How can I tell if this is working properly or not. The resulting file has output of entries like:

```
<section-02>  
<heading-seq>010604464</heading-seq>  
<heading-code>SRS</heading-code>  
<heading>$$$a18th century overtures</heading>  
</section-02>
```

What is the heading-seq number and how might it be used to review this output? Or is there another way in which the output is reviewed?

### Resolution:

p\_auth\_03 is run in the bib library and lists bib headings of a type which (according to tab\_aut) is linkable to an authority record and which have been updated since yyyyymmdd date, but which are not actually linked.

I'm working with the most recent run, abc01\_p\_auth\_03.00671 which has a p\_file\_name\_out of "2008\_08\_13series3".

The following grep shows that 11,686 headings are listed in this file:

```
> grep -c '<heading-index' 2008_8_14dupseries  
11686
```

The following SQL shows that there are 22,070,015 ndu01 z01's:

```
SQL> select count(*) from z01;  
**** Hit return to continue ****
```

```
COUNT(*)  
-----
```

22070015

The following SQL shows that 17,046,279 z01's were updated on June 13, 2008:

```
SQL> select count (*) from z01 where Z01_UPDATE_DATE = '20080613';  
**** Hit return to continue ****
```

```
COUNT(*)  
-----  
17046279
```

The following SQL shows that 16,110,927 z01's are not linked to an authority record and have been updated since June 12, 2008. (z01's linked to an authority record have a z01\_rec\_key\_4 of 'ABC10nnnnnnnnn'):

```
SQL> select count(*) from z01 where Z01_REC_KEY_4 = '-CHK-000000000' and Z01_UPDATE_DATE > '20080612';  
**** Hit return to continue ****
```

```
COUNT(*)  
-----  
16110927
```

This is higher than 11,686 because it is not excluding z01's which are not of a linkable type, while p\_auth\_03 includes only those of a linkable type.

The significant fact here is that almost all of the z01's have been updated since 2008-06-12 -- no doubt as a result of ue\_08 activity. (Remember that ue\_08 type "New" recreates \*all\* of the z01's.)

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