
Cannot Repair 880 Fields at Time of Publishing for Primo

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

I've been trying to resolve a few Primo Normalization problems that stem from our storage of JACKPHY data in standard MARC fields rather than 880s internally in Aleph. For all ingest and export functions, we use the `fix_doc_880` fix routines to pair and unpair the fields.

I was hoping this would work in publishing routines as well, by making the following addition to our expand routines:
`PFULL fix_doc_redo_880`

Testing this on our development server, I found that UTIL-F-4 gave the desired results, but `publish-06` output for the same record does not seem to work.

On some records, it did seem to work, but only a very few. Is this because the fix routine simply isn't applicable to `tab_expand` in any consistent way, or is it possibly that `publish_04` must be run, or something else must occur to update the records in Z00P first?

Resolution:

The original creation of the Z00P records is performed by `p_publish_04`; the ongoing extraction is performed by `ue_21`.

`p_publish_06` is taking the xml-format z00p records created by `p-publish-04` and `ue_21` and creating a tar file of them.

I see that, while you have "PFULL" as the fix/expand routine in the `abc01 tab_publish` and that you have specified `fix_doc_redo_880` in the the PFULL entry in the `tab_expand` ...

* `aleph_start` has this:

```
setenv PUB_STARTUP_LIBS "usm01"
```

* `aleph_start.private` has no `PUB_STARTUP_LIBS` line,

* `abc01 UTIL-C-1` does not show `ue_21` running,

* `abc01 $data_scratch` does not contain any `run_e_21` log files.

In order to get the 880's in the Z00P for an individual `abc01` record, you need to re-send the record to the server with `ue_21` running in `abc01`.

In order to get the 880's in the Z00P for *all* the `abc01` records, you need to:

1. do UTIL-A-17-1 for the Z00P in the `$usr_library` (i.e., drop the Z00P table)
 2. run `p_publish_04` for `abc01`.
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- **Article last edited:** 10/8/2013