How to Change Bib Info Displays

Releases 12.2 –12.4

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A. Introduction

This document describes the display/formatting of information from DOC/z00 (BIBliographic, ADMinistrative, HOLdings, and AUThority) records and from the "virtual DOC" fields created by expanding information from other records. We will use "bib info" as an abbreviated term for all these fields.

Please note that we are not talking here about the display of complete records on the Cataloging form but rather about displaying subsets of information in other places. Nor are we talking about "non-DOC" information. The columnar display of information from non-DOC records is controlled in the GUI by *xxx*01/tab/pc_tab_col.*lng* (UTIL I.9) and in reports by *xxx*01/tab/rep_col.*lng* (UTIL I.11). The non-columnar display is controlled by the Acq, Items, Circulation, and Serials display tables under UTIL L and by the $*xxx* variables on individual forms in the form_*lng* directory. These non-DOC displays are not addressed in this document.

For information on how to change "non-DOC" information in printed products, consult the "How To Change Printed Products" document. For information on how to change such information in GUI displays, consult the *Database Management Guide*, UTIL I.9 and L.4-L.7. (Note that these are the section numbers in version 12.4 and higher. In version 12.3 and lower, the section numbers are I.9, L.4, L.7-L.9, L.12, and L.16-L.19.)

Some bib info displays use the general edit_doc / edit_paragraph / edit_field mechanism; whereas others use separate special tables to control their formats. *(In addition to the verbal description immediately below, please see the "Bib Display Diagram", section D, which presents the relationships in the form of a diagram.)*

Some programs use the "short doc" (Z.13), rather than reading the bib record itself. (See Section E.)

B. Bib_format / edit_doc / edit_paragraph / edit_field

In the regular mechanism, "documents" are built from "paragraph" pieces which are built from "field" pieces. Edit_doc.*lng* (UTIL I.3) specifies which edit_paragraph.*lng* (UTIL I.2) entries are to be used, whereas edit_paragraph.*lng* specifies which edit_field.*lng* (UTIL I.1) entries are to be used.

The programs which follow this path are discussed in section B.1.

In other cases, the programs go directly to edit_paragraph.*lng* (see section B.2) or to edit_field.*lng* (see section B.3).

1. Programs which use edit_doc

Many of the programs which use edit_doc use bib_format to determine which edit_doc entry to use. There are two bib_formats:

- The *xxx*50/tab/**bib_format** (UTIL I.14 in 12.4 and higher; UTIL L.13 in 12.3 and lower), and

- The alephm/source/copy/**BIB_FORMAT**.

The former is a table which the user can modify; whereas the latter is a program "copybook", which is **not** intended to be modified, but which you may want to access as a reference.

a. *xxx*50/tab/bib_format

Almost all the programs which process the forms in the xxx01/**form_*lng*** directory (used to produce most reports, slips, labels, etc.) call the com/get_bib_doc_x program which reads the *xxx*50/tab/bib_format. An example of the use of this bib_format is the bib info which appears in the acqustions claim letter:

In exu50/tab/bib_format we have:

```
acq-order-claim-01                 300
```

In exu01/tab/edit_doc.eng we have:

```
300                                110
300                                130
300                                140
```

In exu01/tab edit_paragraph.eng we have:

```
110  1#### 3                       A
110  91### 3                       A
!    Title statement and imprint
130  245## 3 ^^^
130  260## 3 ^--^
130  924## 3 ^^^
130  926## 3 ^--^
!    Collation and series
140  300## 3 ^^^
140  4#### 3 ^(           )        A
140  93### 3 ^(           )        A
```

In exu01/tab/edit_field.eng we have:

```
     1 L 260## 3
     2                      a A ^ ^
     2                      b A ^ ^
     2                      c A ^ ^
```

b. alephm/source/copy/BIB_FORMAT ("-DOC")

An example of the use of alephm/source/copy/BIB_FORMAT is the display of the *xxx*01 bib info on the WWW Holdings Detail screen.

The www_a/www_a_item_global program copies in the alephm/source/copy/BIB_FORMAT and uses this entry:

```
     OPAC-ITEM-FORMAT-DOC    …   VALUE 012
```

which, in turn, points to a particular exu01/tab/edit_doc.eng entry:

```
012                      ##  ##          013
```

which points to the exu01/tab/edit_paragraph.eng:

```
!   Author-Title for Bib Inf
013 1#### D            ^:^
013 245## 9 ##         .
013 260## W ##^        .
013 300## D ##^        .
```

Each of which points to an exu01/tab/edit_field.eng entry.…

Other programs which use these BIB_FORMAT "-DOC" entries are the GUI circ, cash, acq, items, and serials screens.

(**Note:** BIB_FORMAT also contains "-LINE" entries which work directly with edit_paragraph. See below.)

c.   Edit_doc numbers in programs

In some cases, the program does not use either of the above bib_formats to get an edit_doc number, but actually has the edit_doc number coded within it. One example is the www_a/www_a_edit_hol:

```
              CALL "www_a_edit_doc" USING
                  DOCX-DOC-NUMBER
                  "101"
```

which points to the exu60/tab/edit_doc.eng entry:

```
!Full HOL over ITEMS in ITEMS. Single column, multiple lines and 2 paragraphs
   101                                      109
```

which points to the exu60/tab/edit_paragraph.eng entry:

```
109 856## D            ##
109 852## D            ##
109 866## D -^         ##        A
109 867## D -^         ##        A
109 868## D -^         ##        A
```

Each of which points to an exu60/tab/edit_field.eng entry.…

Another screen/program which has an edit_doc number coded into it is the www_a_*lng/*full-set-head:

```
     <a href=&server_opac/full-set/$0500-040>Citation</a> 
```

which points to the exu01/tab/edit_doc.eng entry:

```
!Citation display
040                                            513
```

which points to the exu01/tab/edit_paragraph.eng entry:

```
!     Simple citation paragraph
513 1#### P                  ^ ^
513 245## P
513 260## P ^
```

Each of which points to an exu01/tab/edit_field.eng entry…

On the GUI side, the "FO" entries in pc_tab_sear.*lng* contain edit_doc numbers, specifying that a specific format is to be used:

```
FO  EXU01                  L Catalogue Card                    037
```

which points to the "037" entry in exu01/tab/edit_doc.eng:

```
037 System number^  ##  ##            001
037                                   110
037                                   120
037                                   130
037                                   140
037                                   004
```

Each of which points to an exu01/tab/edit_paragraph.eng entry.   Each of which, in turn, points to an exu01/tab/edit_field.eng table entry.

2. Programs which work directly with edit_paragraph

Some programs skip the edit_doc step and work directly with edit_paragraph.

Some of these (e.g., pc_cir) use the **alephm/source/copy/BIB_FORMAT "-LINE"** entries to get the edit_paragraph number:

```
        CIR-ITEM-FORMAT-LINE    …   210
```

which points to a specific exu01/tab/edit_paragraph.eng entry:

```
!     Short BIB in for loan/photo/hold list in USER & CIRC
210 LOC## D
210 1#### D ##
210 245## 9 ^:^            .
```

Others (for instance, the www_a/www_a_bor *xxx* programs) have the edit_paragraph number in the program itself:

```
                CALL "get_bib_line_x" USING
                    DOCX-PTR
                    CON-LNG
```

```
                        "009"
                        EDIT-BUF
```

which points to a specific exu01/tab/edit_paragraph.eng entry:

```
!   Author-Title for Bib Inf on OPAC Items
009 PSTS# J           ##
009 020## D ^ISBN:    ##
009 022## D ^ISSN:    ##
009 1#### D ^         ^:^
…
```

3. Programs which work directly with edit_field

In other cases, programs skip both the edit_doc and the edit_paragraph tables and work directly with edit_field.*lng*.   Examples of this are:
- The full+link bib display (*xxx*01/tab/edit_doc_999.*lng* –UTIL I.8),
- The WWW Brief list (*xxx*01/tab/www_tab_short.*lng* -UTIL I.4),
- The GUI Brief list (*xxx*01/tab/pc_tab_short.*lng* -UTIL I.7), and
- The Navigation window bib data (*xxx*50/tab/tab33.*lng* –UTIL G.4.33) .

For instance, (from edit_doc_999):

```
245##             D LTitle           Y Z    E
```

which points to the 245 field in exu01/tab/www_tab_short.eng:

```
1 L 245## D
  2                        # A  ^
```

Note: tab33.*lng* doesn't allow for any edit_field ID specification; rather, edit_field ID "D" is always used.

C. Which Program/Table Produces Which Bib Display

Note:
This table is intended to be used with the Bib Display Diagram (section D, below).
Get the initial program/table from this chart and then refer to the Bib Display Diagram
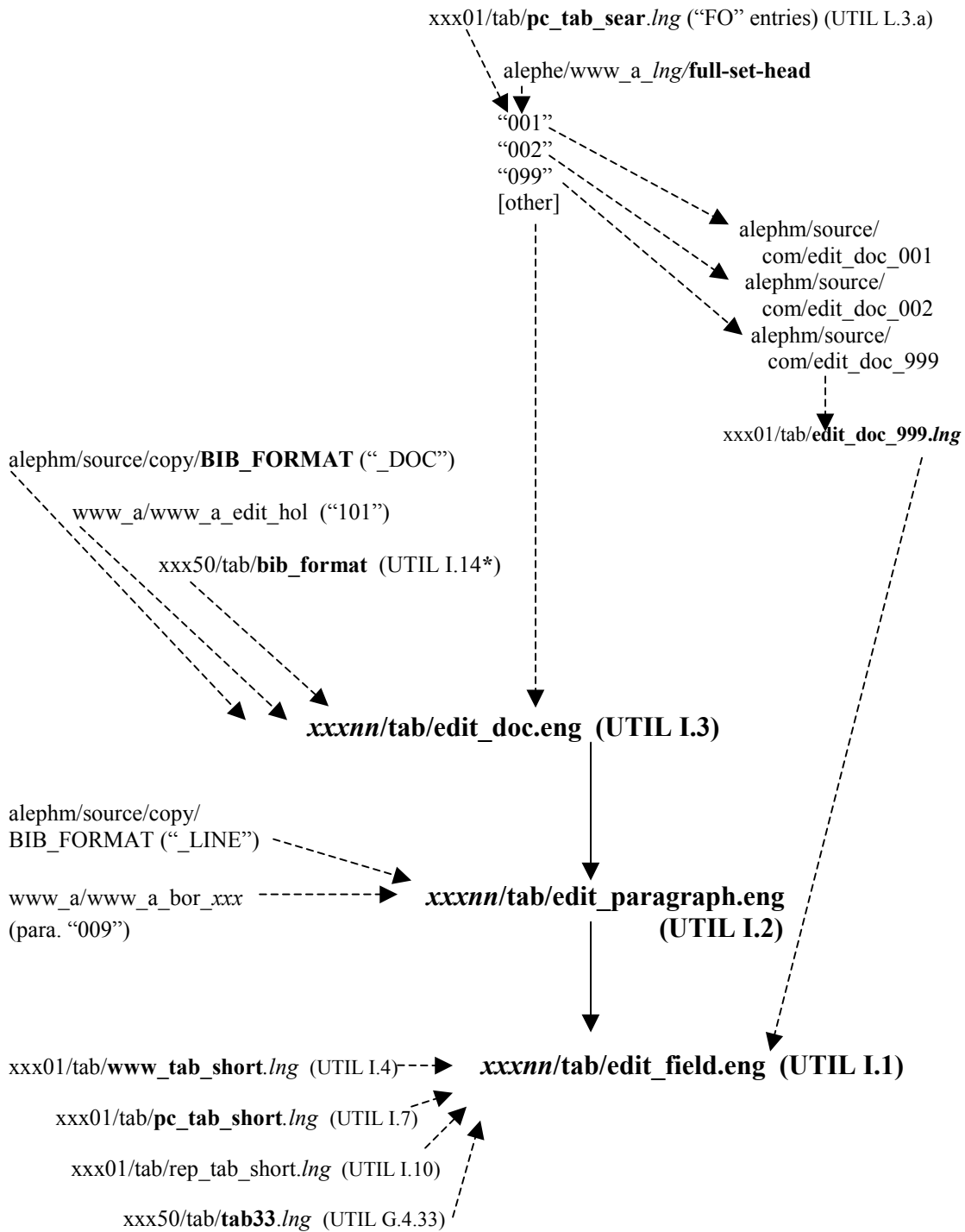for the other steps.

Bib Display	**Initial Program/Table**
WWW Full display	alephe/www_a_*lng/*full-set-head
GUI Full display	xxx01/tab/pc_tab_sear.*lng* ("FO" entries) (UTIL L.3.a)
WWW Brief list	xxx01/tab/www_tab_short.*lng* (UTIL I.4)
GUI Brief list	xxx01/tab/pc_tab_short.*lng* (UTIL I.7)
WWW Holdings Detail (bib record fields)	alephm/source/copy/BIB_FORMAT (OPAC_ITEM_FORMAT_DOC "012")
WWW Holdings Detail (HOL record fields)	www_a/www_a_edit_hol (doc ."101")
WWW Borrower item display	www_a/www_a_bor_*xxx* (para. "009")
GUI Navigation window (Nav Map)	xxx50/tab/tab33.*lng* (UTIL G.4.33)
form_*lng* forms	xxx50/tab/bib_format (UTIL I.14*****)
p_print_08 ("Print Catalog Recs"--columnar)	xxx01/tab/rep_tab_short.*lng* (UTIL I.10)
GUI Acq displays	alephm/source/copy/BIB_FORMAT (ACQ_ITEM_FORMAT_DOC 012 or ACQ_ITEM_FORMAT_HOL 013)
GUI Circ displays	alephm/source/copy/BIB_FORMAT (CIR_ITEM_FORMAT_DOC 012 or CIR_ITEM_FORMAT_LINE 210 [para.])
GUI Cash displays	alephm/source/copy/BIB_FORMAT (CASH_FORMAT_DOC 012)
GUI Item displays	alephm/source/copy/BIB_FORMAT (ITEM_ITEM_FORMAT_DOC 012 or ITEM_ITEM_FORMAT_HOL 013)
GUI Serials displays	alephm/source/copy/BIB_FORMAT (SERIAL_ITEM_FORMAT_DOC 012)

* = In versions 12.3 and lower, this is UTIL L.13.

D. Bib Display Diagram

<u>Note:</u>

 To see what initial program/table is used for each display, refer to the preceding section C, "Which Program/Table Produces Which Bib Display".

xxx01/tab/**pc_tab_sear**.*lng* ("FO" entries) (UTIL L.3.a)

alephe/www_a_*lng*/**full-set-head**

"001"
"002"
"099"
[other]

alephm/source/
com/edit_doc_001

alephm/source/
com/edit_doc_002

alephm/source/
com/edit_doc_999

xxx01/tab/**edit_doc_999.***lng*

alephm/source/copy/**BIB_FORMAT** ("_DOC")

www_a/www_a_edit_hol ("101")

xxx50/tab/**bib_format** (UTIL I.14*****)

***xxxnn*/tab/edit_doc.eng (UTIL I.3)**

alephm/source/copy/
BIB_FORMAT ("_LINE")

www_a/www_a_bor_*xxx*
(para. "009")

***xxxnn*/tab/edit_paragraph.eng
(UTIL I.2)**

xxx01/tab/**www_tab_short**.*lng* (UTIL I.4)

***xxxnn*/tab/edit_field.eng (UTIL I.1)**

xxx01/tab/**pc_tab_short**.*lng* (UTIL I.7)

xxx01/tab/rep_tab_short.*lng* (UTIL I.10)

xxx50/tab/**tab33**.*lng* (UTIL G.4.33)

E. Use of the "Short Doc" (Z13)

Other displays do not work with the complete bib record at all, but instead use the Z13 "short doc" record. Examples of such displays are:

- The bib info for each item in the GUI Circulation –User –Cash Transactions;
- The "Brief List" that you see when, in GUI Cataloging, you select "Search" at the top, then "Search field headings of … library", and (when the heading has multiple records associated with it) you click on "View Docs" or "Expand".

Which fields are included in this short doc display is determined by the *xxx*01/tab/tab22 (UTIL G 1.22). But note that since this Z13 is an actual, separate physical record, the fields included are those in effect in tab22 at the time the bib record was last stored on the server.