

## ISNI WinIBW Background Processing

WinIBW has been enhanced so that it can display multiple potential duplicates for one record. These are displayed as lines at the top of the screen. Below these lines, the record with the links displays on the left, and the record of the highlighted line shows on the right. Each link, when created has a status of “P” or “Provisional”. This document specifies the action that is to be taken when the user presses the buttons “Equal”, “Unequal” and “Unknown” that appear at the bottom of the screen.


Duplicate record | ISNI | ISNI

**SET: S1 [4] TTL: 2**

Status	Sources	Name	Years	Title	Publisher
P	1	Jones, Rex	1946		
P	3	Jones, Robert	1946-10-04	THE ACTIVITIES O...	Butz

**Similarity**

```

FINAL
name      ISNI_NAME      (status: 2, sim: 0.950000) => 0.985714
date      ISNI_DATE      (status: 2, sim: 1.000000) => 1.900000
=> 5.000000

126319979                                067098339

Inserted: 99999999:05-08-11 Modified: 99999999:05-08-11 19:50:12 Status:
99999999:05-08-11                        Inserted: 99999999:18-06-85 Modified: 99999999:05-08-11 09:07:49 Status:
99999999:05-08-11

002 $aTpB                                002 $aTpx
003 $00000000126319974$aprovisional$bno match initial database$c60    003 $00000000067098330$aprovisional$bno match initial database$c30
008 $a|b|c|d|e|f|g|h|i|j|k|l|m|n|o|p|q|r|s|t|u|v|w|x|y|z|_|!|"#$%&'()*+,-./:;=<=>?@[]^_`{|}~$ 008 $an$bn$c|d$a$ec|z$gn$hn$ia$ja$kb$ln$m|$nn$oa$pa$qa$r|s$d
035 ##$IALCS$01025904                    035 ##$IVIAF$093000401
700 1#$aJones, R. J. A.$2ALCS              700 1#$aJones, Rex$d1946-$3public$2VIAF$2NLA$0000035650480
77A $aALCS#PERSON$bP$x98.571$9067098339  970 ##$a1946$cIived$2VIAF
77A $aALCS#PERSON$bP$x92.000$9085553662
901 ##$a079070840?740$741 CS
    
```

As the user reviews each potential duplicate, the status changes in the relevant line.

- Equal changes the status from P to M
- Unequal changes the status from P to N
- Unknown changes the status from P to U

As the user presses the back or forward **green** arrow, the screen moves to another record in the short list and the software commits the changes to the WinIBW background process. If the user presses the **blue** back arrow or escape, the system returns to the short list and will commit the change just made . A warning should occur if all the lines have not been reviewed. “No action will be taken until all lines have been reviewed” (This warning has not yet been developed and has lower priority).

The background processor picks up the reviewed record. No action is taken if there is an 038L with a status in \$b of P.

### 038L \$b = U

- leave it in the record for future reference – both the decision and the evaluation score are useful

### 038L \$b = N

- Write 028Z (or 029Z) with the PPN in \$9 and \$ i “N” (Boolean?) and \$t “no relation”
- Delete instance of 038L

### 038L \$b = M

- .
- Decide which record is to become the retained record
  - Select record with assigned status (003E \$a = assigned); if >1
  - Select record with source ~~ISNI~~ (003Z \$I (letter) JNAM) (028C \$2 or 029C \$2)
  - Select record with the most sources (count of 003Z fields); if >1
  - Select record with highest data confidence (003E \$c)
- Merge record as per the online merge table (copy of the de-duplication merge table +)
  - create 003F \$0 deprecated ISNI \$a former status
  - if former status was assigned, create 061C (ISNI notification field) for each source on the record being merged
    - \$t merge
    - \$2 (source) from old 003Z \$I (letter)
    - \$0 (contributor identifier) from old 003Z \$0
    - \$y (new ISNI) from 003E \$0
    - \$z “Deprecated ISNI =” <ISNI from old 003E \$a>
- Create 061A as if it were a direct merge
- For every source the “merge from” and “merge to” records have in common
  - Write 002Z \$a <source> \$c timestamp \$d userkey
  - Write 061C
    - \$t mergeduplicate
    - \$2 (source) from old 003Z \$I (letter)
    - \$0 (contributor identifier) from old 003Z \$0 (local ID 1)
    - \$x (new 003Z \$0) (local ID 2)
    - \$z “assigned ISNI =” <ISNI from 003E \$0 if \$a = assigned >

Version	Date	By	Comment
1.0	2011_08_18	Janifer Gatenby	
2.0	2011_09_05	Janifer Gatenby	Following review from Paul and Eric
3.0	2011_10_05	Janifer Gatenby & Paul Smit	Forced merge generates 061A as if it were a normal merge
4.0	2011_11_08	Janifer Gatenby & Paul Smit	Added 061C \$t
5.0	2012-10-04	Janifer Gatenby	Added preference for JNAM assigned ISNIs
5.1	2012-10-22	Janifer Gatenby	Minor corrections