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## Setup the NCR Character Conversions

- **Article Type:** General
  - **Product:** Aleph
  - **Product Version:** 20
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Desired Outcome Goal:

Setup the NCR character conversions

Procedure:

To perform the NCR conversion, add a "Y" in column 6 of the relevant line with conversion line\_utf2line\_utf.  
See also the header of tab\_character\_conversion line (run synchronize headers via util h/3):

```
! COL 6. 1; ALPHA_NUM {Y,N, }; ;  
! Backslash/NCR;  
! Backslash/NCR notation  
! This column is relevant only for procedures  
! 1) line_utf2line_sb  
! 2) line_sb2line_utf  
! 3) line_mab2line_utf  
! 4) line_utf2line_marc8  
! 5) line_utf2line_utf  
! For the first three procedures line_utf2line_sb,  
! line_sb2line_utf and line_mab2line_utf - it  
! indicates that a utf-8 character which cannot be  
! displayed in the current encoding, and for which  
! no fallback has been defined in a character  
! conversion table, is displayed in the "backslash-hexa"  
! format (e.g. \05E9).  
! Note that translation tables can use "01" in order  
! to compress the character.  
! For the fourth procedure, line_utf2line_marc8 - it  
! indicates that a utf-8 character which cannot be  
! displayed in marc8, is displayed in the "hexadecimal  
! Numeric Character Reference" (NCR) (e.g. &#x05E9;);  
! For the fifth procedure, line_utf2line_utf - it  
! indicates that a NCR-coding has to be translated into  
! UTF8-coding. It's done before translation via the  
! regular utf-to-utf translation tables.
```

In column 5 you have the conversion routine for which you want the NCR conversion to be valid, e.g.  
unicode\_to\_8859\_1

The conversion can be assigned for any character conversion which has in column 4 "line\_utf2line\_utf".

**Category:** Cataloging

**Subject:** Create / Edit records

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