Example of Extended Braille Approach for Interlining

Sample Translation Table with each rule given a unique number as a key. The basic approach is to first save the key to the needed rule and finish getting the braille later.

0 space space

1 {indicator] 6 “Next print letter in uppercase”

2 there 5-2346 contraction

3 ar 345 contraction

4 e 15 letter

5 d 145 letter

6 i 24 letter

7 f 124 letter

8 ff 235 “only between pair of print letters”

“Also ee rule 14”

9 er 12456 contraction

10 en 26 contraction

11 t 2345 letter

12 one 5-135 contraction

13 s 234 letter

14 ! 235 punctuation Also see rule 8”

*The next line of print translated to braille is by first recording the rules used, NOT the braille translation itself.*

There are different ones!

Rules used:

1 2 0 3 4 0 5 6 8 9 10 11 0 12 13 14

To output as braille simply get the braille from each rule.

To interline with print get the print from each rule.

Backtranslation can be done the the same way. Just find the rule that matches each braille symbol and record the key to the rule, not just the print from the rule.

,"! >e di6]5t "os6

1 2 0 3 4 0 5 6 8 9 10 11 0 12 13 14

Remember that in UEB most braille symbols are either a single root cell or a root cell preceded by one or more prefix cells so are easy to identify.