Asmus  L2/08-89 Proposal Diffs

This is the net result of applying the changes proposed in L2/08-89 to the line break rules from UAX-14-21.

It's not clear whether Asmus intended to change the rules referring to classes PR and PO in LB24 and LB25 as part of the reversion of the original problematic changes. These are numeric prefixes and postfixes, currency symbols, for example.

In addition to the rule changes, L2/08-89 would reclassify right parenthesis from CL (closing punctuation) to IS (numeric infix)

2/7/2008 Andy Heninger

**LB23**  Do not break within ‘a9’, ‘3a’, or ‘H%’.

- ID × PO
- AL × NU
- NU × AL

**LB24**  Do not break between prefix and letters or ideographs.

- PR × ID
- PR × AL
- PO × AL

In general, it is recommended to not break lines inside numbers of the form described by the following regular expression:

```
( PR | PO ) ? ( OP | HY ) ? NU ( NU | SY | IS ) * CL ? ( PR | PO ) ?
```

*Examples:* $(12.35)  2,1234  (12)¢  12.54¢

The default line breaking algorithm approximates this with the following rule. Note that some cases have already been handled, such as ‘9,’ ‘9’. For a tailoring that supports the regular expression directly, as well as a key to the notation see Section 8.2, *Examples of Customization.*

**LB25**  Do not break between the following pairs of classes relevant to numbers:

- CL × PO
- CL × PR
- NU × PO
- NU × PR
- PO × OP
- PO × NU
- PR × OP
- PR × NU
- HY × NU
- IS × NU
- NU × NU
SY × NU


Finally, join alphabetic letters into words and break everything else.

LB28  Do not break between alphabets (“at”).

\[ \text{AL} \times \text{AL} \]

LB29  Do not break between numeric punctuation and alphabets (“e.g.”).

\[ \text{IS} \times \text{AL} \]

LB30  Do not break between letters, numbers, or ordinary symbols and opening or closing punctuation.

\[ (\text{AL} | \text{NU}) \times \text{OP} \]

\[ \text{CL} \times (\text{AL} | \text{NU}) \]

The purpose of this rule is to prevent breaks in common cases where a part of a word appears between delimiters—for example, in “person(s)”.