```
S           Symbol
Sm          MathSymbol
Sc          CurrencySymbol
Sk          ModifierSymbol
So          OtherSymbol


Z           Separator
Zs          SpaceSeparator
Zl          LineSeparator
Zp          ParagraphSeparator


C           Other
Cc          Control
Cf          Format
Cs          Surrogate    (not usable)
Co          PrivateUse
Cn          Unassigned
```

Single-letter properties match all characters in any of the two-letter sub-properties starting with the same letter. LC and L& are special cases, which are aliases for the set of Ll, Lu, and Lt.

Because Perl hides the need for the user to understand the internal representation of Unicode characters, there is no need to implement the somewhat messy concept of surrogates. Cs is therefore not supported.

Because scripts differ in their directionality–Hebrew is written right to left, for example–Unicode supplies these properties in the BidiClass class:

```
Property    Meaning


L           Left-to-Right
LRE         Left-to-Right Embedding
LRO         Left-to-Right Override
R           Right-to-Left
AL          Right-to-Left Arabic
RLE         Right-to-Left Embedding
RLO         Right-to-Left Override
PDF         Pop Directional Format
EN          European Number
ES          European Number Separator
ET          European Number Terminator
AN          Arabic Number
CS          Common Number Separator
NSM         Non-Spacing Mark
BN          Boundary Neutral
B           Paragraph Separator
S           Segment Separator
WS          Whitespace
ON          Other Neutrals
```

For example, \p{BidiClass:R} matches characters that are normally written right to left.

55.1.4 Scripts

The script names which can be used by \p{...} and \P{...}, such as in \p{Latin} or \p{Cyrillic}, are as follows: