EMu Unicode Cheat Sheet

Transformations	Description
\~	Stem search: search for all variations of a word. Searching for `\~elect` will match elect, election, electing and elected, but not electricity (its base word is electric).
\&	Ignore case (default behaviour). Only use to specify that a word in a case sensitive phrase search is case insensitive, e.g. `\=\"A Case Sensitive \&Search\"`.
\@	Use phonetic or sounds like searching for the specified word.
\=	Perform the search using case significance for the following word.
\==	Perform the search matching the case and any marks (diacritics).

Find	Search
Records containing all tenses of the word locate.	`\~locate`
Records containing words phonetically similar to smythe.	`\@smythe`
Records where melbourne is all in lower case.	`\=melbourne`
Records with Sacré and Cœur exactly as specified, that is matching case and diacritics, but not necessarily next to each other.	`\==Sacré \==Cœur`

Regular Expressions	Description
\?	Matches any single grapheme.
*	Matches zero or more graphemes.
\[range\]	Matches one of a sequence of graphemes specified by `range`. `range` may consist of individual graphemes or start and end graphemes may be specified separated by a minus sign (e.g. `a-z`).
\{range\}	Matches one or more of a sequence of graphemes specified by `range`. `range` may consist of individual graphemes or start and end graphemes may be specified separated by a minus sign (e.g. `0-9`).

Find	Search
Records containing words starting with abs.	`abs\*`
Records with at least one word containing a capital S.	`\=\*S\*`
Records containing Arabic numbers.	`\{0-9\}`
Records with organisation spelled with either an s or z.	`organi\[sz\]ation`

Anchors	Description
\^	The following search term must be the first word in the text.
\$	The preceding search term must be the last word in the text.

Find	Search
Records that have text ending in a question mark.	`?\$`
Records where the text contains only the word Unknown.	`\^Unknown\$`
Records with text beginning with the word the.	`\^the`
Records with text where the first word starts with a lower case Latin letter.	`\^\==\[a-z\]\*`

Proximity	Description
`\"search terms\"`	The search terms between the phrase operators `\"` must appear next to each other and in the order specified.
`\'\(search terms\) distance\'`	The search terms may appear in any order unless otherwise specified. The distance between the search terms indicates the range within which they must appear. The syntax for `distance` is: `ordered` *`relop number type`* where: » *`relop`* is a relational operator: <, <=, =, >, >= » *`number`* is the distance to use. » *`type`* is `words`, `sentences` or `paragraphs` (can be abbreviated to `w`, `s` or `p` respectively). » `ordered` is optional, but if given requires the search terms to be in the order specified.

Find	Search
Records where the phrase the black cat occurs.	`\"the black cat\"`
Records where the kanji character 豈 appears within 5 characters of 香港.	`\'\(豈 \"香 港\"\) <= 5 words\'`
Records containing only the phrase Not Applicable.	`\"\^Not Applicable\$\"`
Records where Fred occurs case significantly in the same sentence as the phonetic of Smith, where Fred appears first.	`\(\=Fred \@Smith\) ordered = 1 sentence`

Conditionals	Description
`\!`	NOT. Records that contain the following search term are excluded from search results.

Find	Search
Records that do not contain the kanji character 豈.	`\!豈`
Records containing the phrase Sacré Cœur with case and diacritic significance, but not Paris.	`\"\==Sacré \==Cœur\" \!Paris`
Records that contain anything apart from the single word Unknown.	`\!\^Unknown\$`
Records that do not contain the phrase Not Applicable.	`\!\"Not Applicable\"`

Comparison of searches in EMu 4.3 and earlier and EMu 5.0 onwards:

Find	EMu 4.3 and earlier	EMu 5.0 onwards
Records containing Fred	`fred`	`fred`
Records where Fred is the only word in the field	`^fred$`	`\^fred\$`
Records that contain Fred phonetically	`@fred`	`\@fred`
Records containing Fred with matching case	`=Fred`	`\=Fred`
Records containing the phrase Sacré-Cœur	`"sacré cœur"`	`\"sacre-coeur\"` OR `\"sacré-cœur\"`
Records where blue and sky are within 5 words of each other	`'(blue sky) <= 5 w'`	`\'\(blue sky\) <= 5 w\'`
Return all records where field has a value	`*`	`\*`
Return all records where field is empty	`!*`	`\!\*`
Return all records with attachments	`+`	`\+`
Return all records with no attachments	`!+`	`\!\+`