



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
<code>"search terms"</code>	The search terms between the phrase operators <code>"</code> must appear next to each other and in the order specified.
<code>'\(search terms) distance'</code>	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 <code>distance</code> is:  <i>ordered relop number type</i>  where: <ul style="list-style-type: none"> <li>» <i>relop</i> is a relational operator: <code>&lt;</code>, <code>&lt;=</code>, <code>=</code>, <code>&gt;</code>, <code>&gt;=</code></li> <li>» <i>number</i> is the distance to use.</li> <li>» <i>type</i> is words, sentences or paragraphs (can be abbreviated to <code>w</code>, <code>s</code> or <code>p</code> respectively).</li> <li>» <i>ordered</i> is optional, but if given requires the search terms to be in the order specified.</li> </ul>

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

Conditionals	Description
<code>!</code>	NOT. Records that contain the following search term are excluded from search results.

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

### Comparison of searches in Vitalware 2.6 and earlier and Vitalware 3.0 onwards:

Find	Vitalware 2.6 and earlier	Vitalware 3.0 onwards
Records containing Fred	<code>fred</code>	<code>fred</code>
Records where Fred is the only word in the field	<code>^fred\$</code>	<code>^fred\$</code>
Records that contain Fred phonetically	<code>@fred</code>	<code>@fred</code>
Records containing Fred with matching case	<code>=Fred</code>	<code>=Fred</code>
Records containing the phrase Sacré-Cœur	<code>"sacré cœur"</code>	<code>"sacre-coeur" OR "sacré-cœur"</code>
Records where blue and sky are within 5 words of each other	<code>'(blue sky) &lt;= 5 w'</code>	<code>'\(blue sky) &lt;= 5 w'</code>
Return all records where field has a value	<code>*</code>	<code>*</code>
Return all records where field is empty	<code>!*</code>	<code>!\*</code>
Return all records with attachments	<code>+</code>	<code>\+</code>
Return all records with no attachments	<code>!+</code>	<code>!\+</code>