

---+ Package TWiki::Search

This module implements all the search functionality.

ClassMethod new (\$session)

Constructor for the singleton Search engine object.

ObjectMethod finish ()

Break circular references.

StaticMethod getTextPattern (\$text, \$pattern)

Sanitise search pattern - currently used for FormattedSearch only

ObjectMethod searchWeb (...)

Search one or more webs according to the parameters.

If `_callback` is set, that means the caller wants results as soon as they are ready. `=_callback_` should be set to a reference to a function which takes `_cbdata` as the first parameter and remaining parameters the same as 'print'.

If `_callback` is set, the result is always undef. Otherwise the result is a string containing the rendered search results.

If `inline` is set, then the results are **not** decorated with the search template head and tail blocks.

The function will throw `Error::Simple` if it encounters any problems with the syntax of the search string.

Note: If `format` is set, `template` will be ignored.

Note: For legacy, if `regex` is defined, it will force `type='regex'`

If `type="word"` it will be changed to `type="keyword"` with `wordBoundaries=1`. This will be used for searching with `scope="text"` only, because `scope="topic"` will do a Perl search on topic names.

SMELL: If `template` is defined `bookview` will not work

SMELL: it seems that if you define `_callback` or `inline` then you are responsible for converting the TML to HTML yourself!

FIXME: `callback` cannot work with `format` parameter (consider `format=' $topic '`)

StaticMethod formatQuery (\$meta, \$query) -> \$text

StaticMethod displayFormField (\$meta, \$args) -> \$text

Parse the arguments to a `$formfield` specification and extract the relevant formfield from the given meta data.

- `args` string containing name of form field

In addition to the name of a field `args` can be appended with a comma followed by a string format `(\d+)([,\s*]\.\.\.)?`. This supports the formatted search function `$formfield` and is used to shorten the returned string or a hyphenated string.

This topic: TWiki > TWikiSearchDotPm

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