AjaxSearch **1.9.2**

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Ajax and non-Ajax search that supports results highlighting
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Basic usage: [!AjaxSearch!]

PARAMETERS

&config

Purpose: Load a custom configuration from *<config_name>*.config.php
Option: default | custom_example | @FILE
Default: default
Note: optional
Placeholders: -
Related: -

&debug

Pur: Output debugging information.
Opt:
- 0 : debug not activated

File mode (ajaxSearch/ajaxSearch_log.txt):
- 1 : Parameters, search context and sql query logged.
- 2 : Parameters, search context, sql query AND templates logged
- 3 : Parameters, search context, sql query, templates AND Results logged

Def: 0

&language

Pur: Sets the ajaxSearch language
Opt: inside the folder 'ajaxSearch/lang/'
arabic-utf8 | chinese | chinese_simplified-utf8 | chinese_simplified | chinese_traditional-utf8 simplified | chinese_traditional | czech | danish | english-utf8 | english | finnish | francais-utf8 | francais | german | hebrew | icelandic | indonesian | italian | japanese-utf8 | nederlands | norsk-utf8 | norsk | persian | portuguese-br | portuguese | russian-UTF8 | russian | slovak-utf8 | slovak | spanish-utf8 | spanish | svenska-utf8 | svenska
Def: the language set for the MODx manager

&ajaxSearch

Pur: Use of the ajax mode.
Opt: 0 (off) | 1 (on) | > 1 custom usage
Def: 1

&advSearch

Pur: Set the advanced search options.
Opt:
- exactphrase : provides the documents which contain the exact phrase
- allwords : provides the documents which contain all the words
- nowords : provides the documents which do not contain the words
- oneword : provides the document which contain at least one word

Def: oneword

&asId

Pur: Unique id for AjaxSearch instance
Opt: a-z, _ , 0-9 (case sensitive)
Def: *NULL*

Not: to distinguish several Ajaxsearch instances on the same page. The id is used to link the snippet calls between them. Choose a short name. eg: "as2". With the ajaxSearch mode, the first AS snippet call shouldn't use the parameter &asId

&timeLimit

Pur: Max execution time in seconds for the AjaxSearch script
Opt: 0 < int – 0 for an unlimited execution time
Def: 60

&whereSearch

Pur: Set in which tables & fields the search occurs. A separated list of keywords describing the tables where to search.
Opt: keywords:table fields
- content:pagetitle,longtitle,description,alias,introtext,menutitle,content
- tv:tv_value
- jot:jot_content
- maxigallery:gal_title,gal_descr

Def: 'content|tv'
  which means:
  content:pagetitle,longtitle,description,alias,introtext,menutitle,content | tv:tv_value
Not: 'content:null|maxigallery' for a search only in maxigallery

&withTvs

Pur: which TV you would like as search results
Opt:
- '' : disabled the feature
- [[+ | -] [: tvlist]]

Def: '' (empty string)
Not:
- `tv1,tv2,tv3` : added as placeholders
- `+:tv1,tv2,tv3` : added as placeholders
- `+` : all tvs of the site added as placeholders
- `-` : all tvs of the site added as placeholders
- `-:tv1,tv2,tv3` : all the tvs except these ones

- For performances reasons, use wisely -

&tvPhx

Pur: append the content of some template variables as search results
Opt:
- '' : disabled the feature
- [[+ | -] [: tvlist]]

Def: '' (empty string)
Not:
- `tv1,tv2,tv3` : added as placeholders
- `+:tv1,tv2,tv3` : added as placeholders
- `+` : all tvs of the site added as placeholders
- `-` : all tvs of the site added as placeholders
- `-:tv1,tv2,tv3` : all the tvs except these ones

- For performances reasons, use wisely -

&category

Pur: Define categories
Opt: tv_name | ''
Def: '' (empty string)
Not: Name of a TV. a-z, _ , 0-9 (case sensitive)
The displayed title of category could be renamed in the *categConfig* function. See grpLabel.

&display

Pur: When results comes from differents sites, subsites or categories, the result can be chosen to be displayed mixed or unmixed.
Opt: mixed | unmixed
Def: unmixed
Not:
- Unmixed mode displays the results grouped by site, subsite or category. Each group of results can be paginated.
- Mixed mode mixes all the results coming from the different areas.
- With unmixed mode, results are ordered by the field provided by the first field of the order parameter

&order

Pur: sort order of results
Opt: Comma separated list of fields defined as searchable in the table definition. to suppress the sorting, use &order=``
Def: publishedon, pagetitle (sorted by published date and then pagetitle)
E.g.: pagetitle DESC, pub_date

&rank

Pur: Define the rank of search results. Results are sorted by rank value.
Opt: Comma separated list of fields (extract excluded) with optionally user defined weight.
Def: '' (empty string)
Not: to suppress the rank sorting, use &rank=``.
&rank sort occurs after the &order sort.

&maxWords

Pur: maximum number of words for searching
Opt: 1 < int < 10
Def: 5

&minChars

Pur: Minimum number of characters to require for a word to be valid for searching.
Opt: 2 < int < 100
Def: 3
Not: length of each word with $advSearch = 'allwords', 'oneword' or 'nowords'
length of the search string with possible spaces with $advSearch = 'exactphrase'

&showInputForm

1.8.4: &AS_showForm
Pur: turn off/on the search form when showing results.
Opt: 0 (false) | 1 (true)
Def: 1

&showIntro

Pur: To show or hide the introduction message displayed with the input form
Opt: 0 (hide) | 1 (show)
Def: 1

&extract

Pur: the maximum number of extracts that will be displayed per document and define which fields will be used to set up extracts.
Opt: n:searchable fields list
    n : maximum number of extracts displayed
Def: 1:content,description,introtext,tv_content
    means: One extract from content then description,introtext,tv_value
E.g.: 99:content

&extractLength

Pur: length of separate extraction
Opt: 50 < Integer < 800
Def: 200

&extractEllips

Pur: ellipside to mark the start and the end of an extract when the sentence is cutting
Opt: *[string]*
Def: '…' (three dots)

&extractSeparator

Pur: any html tag to mark the separation between extracts
Opt:
 | <hr /> | other html tag
Def:

&formatDate

Pur: format of outputted dates
Opt: see
www.php.net/manual/en/function.date.php
Def: 'd/m/y : H:i:s' - e.g: 21/01/08 : 23:09:22

&highlightResult

Pur: create links so that search terms will be highlighted when linked page clicked
Opt: 0 (false) | 1 (true)
Def: 1
Require: Highlight plugin

&pagingType

Pur: selection of the type of pagination
Opt: 0 | 1 (non ajax mode)   1 | 2 (ajax mode)
Def: 1
Note: 0: Results Pages 1 | 2 | 3
      1: Previous - X-Y /Z - Next
      2: X-Y /Z - Show more 10 results

&pageLinkSeparator

Pur: between the page link numbers
Opt: *[string]*
Def: ' | ' (pipe symbol)

&showResults

1.8.4: &AS_showResults
Pur: show the results or not
Opt: 0 | 1
Def: 1

&parents

Pur: Ids of documents to retrieve their children to &depth depth where to do the search in or not in
Opt: [in | not in] : comma separated list of
Def: '' (double single tick - empty list)
Rel: &depth
Not: compatible with the 1.8.4 release

&depth

Pur: Number of levels deep to retrieve documents
Opt: 0 < integer
Def: 10
Not: should be used with &parents

&documents

Pur: Ids of documents where to do the search in or not in
Opt: [in | not in] : comma separated list of Ids
Def: '' (double single tick - empty list)
E.g.:
- &documents=`in:28,29,30,31`
  do the search in the documents 28,29,30,31
- &documents=`not in:28,29,30,31`
  do the search in all documents except in documents 28,29,30,31
- &documents=`28,29,30,31` means &documents=`in:28,29,30,31` (compatible with the 1.8.4 release)

&hideMenu

Pur: search in hidden documents from menu
Opt:
- 0 : search only in documents visible from menu
- 1 : search only in documents hidden from menu
- 2 : search in hidden or visible documents from menu

Def: 2

&hideLink

Pur: search in content of type reference (link)
Opt:
- 0 : search in content of type document AND reference
- 1 : search only in content of type document

Def: 1

&filter

Pur: exclude unwanted documents.
Opt: &filter runs as the &filter Ditto 2.1 parameter
Def: '' (double single tick - empty list)
Not:
- The metacharacter **'#'** is replaced by the search string provided by the web user when used with the filter parameter. The advSearch parameter is also taken into account, if advSearch = 'oneword','nowords','allwords' then # is replaced by as many filters as searchterms.
- filtering by tv name is possible

E.g.:
- &filter=`pagetitle,#,8` with searchString= `school child` and advSearch='oneword' is equivalent to &filter=`pagetitle,school,8|pagetitle,child,8`
- &filter=`articleTags,volcano,7` display only documents related to volcanoes. Documents are filtered by the TV 'articleTags'

&output

Pur: Custom layout
Opt:
- 0 - Results are listed just under the input form
- 1 - custom layout. put [+as.inputForm+] and [+as.results+] where layout is defined

Def: 0

&stripInput

Pur: transform on fly the search input extract**.**
Opt: string as a php function name, defined in the configuration file.
Def: defaultStripInput() function

&stripOutput

Pur: transform on fly the search output extract.
Opt: string as a php function name, defined in the configuration file.
Def: defaultStripOutput() function
Not: Before to extract the relevant piece of text around the search term, the document is parsed. By definig a stripOutput function the user could change the output

&breadcrumbs

Pur: Display the path of the documents found.
Opt:
- 0 : disallow the breadcrumbs link
- string as name of the breadcrumbs function : allow the breadcrumbs link

Def: '' - empty string
E.g.:
&breadcrumbs=`Breadcrumbs,showHomeCrumb: 0,showCrumbsAtHome:1`
Not: Breadcrumbs is the default function provided for the "content" table. The function name could be followed by some parameter initialization

&clearDefault

Pur: clearing default text.
Opt:
- 0 : not activated
- 1 : activated. Include the clear default js function in header.

Def: 0
Not: add the class "cleardefault" to the input text form and set this parameter

&jsClearDefault

Pur: location of the clearDefault js library
Opt: path to the file
Def: AS_SPATH . 'js/clearDefault/clearDefault.js';

&mbstring

Pur: php_mbstring extension
Opt: 0 (off) | 1 (on)
Def: 1

&asLog

Pur: Capturing failed search criteria and search logs.
Opt: ajaxSearch log [level [: comment [: Purge]]]
level:
- 0 : disallow the ajaxSearch log (default)
- 1 : failed search requests are logged
- 2 : all ajaxSearch requests are logged

comment:
- 0 : user comment not allowed (default)
- 1 : user comment allowed

Purge: number of logs allowed before to do an automatic Purge of the table
- 0 : no Purge allowed (= illimited number of logs)
- default: 200

Def: 0:0:200
Not:
- &asLog=`x` is equivalent to &asLog=`x:0:200`
- &asLog=`x:y` is equivalent to &asLog=`x:y:200`
- &asLog=`1:1:500` means that 500 failed search requests possibly commented by the end user could be stored in the ajaxSearch_log table

See the AjaxSearch Log Manager module

Ajax Parameters

Used by the ajaxSearch mode

&liveSearch

Pur: to use the live search (i.e. results as typing)

Opt: 0 | 1
Def: 0 - livesearch mode inactivated

&ajaxMax

Pur: the maximum number of results to show in a group of results for the ajaxsearch
Opt: Integer
Def: 6

&showMoreResults

Pur: set a link to show all of the search results
Opt: 0 | 1
Def: 0

&moreResultsPage

Pur: target page for the more results link

Opt: ID of a document
Def: 0
Not: this page should contain another call to this snippet for displaying results

&opacity

Pur: Opacity of the ajaxSearch_output div where are returned the ajax results. Dot is comma.
Opt: 0. (transparent) < Float < 1. (opaque)
Def: 1.

&jscript

Pur: Choose between Mootools or jQuery.
Opt: jquery | mootools2 | mootools
Def: mootools2

&addJscript

Pur: to add the mootools library to the header of web pages automatically.
Opt: 0 | 1
Def: 1

&jsMooTools

Pur: Location of the mootools javascript library
Opt: path to the mootools library

Def:
manager/media/script/mootools/mootools.js

&jsMooTools2
Pur: Location of the mootools2 javascript library
Opt: path to the mootools2 library
Def: AS_SPATH . 'js/mootools2/mootools1.2.js'
Not: mootools2 is an alternative mootools library. Mootools1.2.4 is provided

&jsJquery
Pur: Location of the Jquery javascript library
Opt: path to the mootools library
Def: AS_SPATH . 'js/jQuery/jquery.js'
Not: compatible with Jquery 1.4.2 library

Non Ajax Parameters

Used by the non-ajaxSearch mode

&landingPage
1.8.4: &AS_landing
Pur: set the page to show the results page (non Ajax search)
Opt: ID's of a document
Def: *false*

&grabMax
Pur: The max number of records for a group of results. Set to 0 if unlimited.
Opt: Integer >= 0
Def: 6

&showPagingAlways
Pur: always display paging, even if the result is only one page.
Opt: 0 | 1
Def: 0
Not: two use cases:
- if **&showMoreResults** to `1` and **&moreResultsPage** is defined, then it may happen that ajax search result will only have one page and pagination will not be shown

TEMPLATE

To use an another template, define the template name and location with
```
@FILE:assets/snippets/ajaxSearch/tem
plates/folderName/templateName.tpl.h
tm
```
or create a chunck parameter by copy/paste and change of an existing template.

Input templates

&tplInput
Pur: to style the ajaxSearch input form
Opt: {{chunkname}} | @FILE
Def:
@FILE:assets/snippets/ajaxSearch/templates/input.tpl.html
Not:
Form elements:
- a set of check boxes to select the value of the advanced Search parameter (name=advSearch)
- an input fied (name=search), to catch the search terms
- or a multiple input list to select the search terms among a list of terms (name=search)

To demonstrate these possibilities, several demos exist on the demo site.
E.g.: provided in *templates/inputTemplates/* folder

- Input 1 : a simple search with a simple input field
- Input 2 : a simple search with a multiple input list
- Input 3 : an advanced search. An input field with the selection of the advanced Search parameter

The advanced search parameter can be mixed with the input list (2 & 3).
With an input field, when the liveSearch mode is set, the submit button is not displayed. A search occurs after each character typed.
Rel: *&showInputForm*

Non-Ajax Templates

&tplGrpResult
Pur: to style the non-ajax output group result outer
Opt: {{chunkname}} | @FILE
Def:
@FILE:assets/snippets/ajaxSearch/templates/grpResult.tpl.html

&tplResults
Pur: to style the non-ajax output results outer
Opt: {{chunkname}} | @FILE
Def:
@FILE:assets/snippets/ajaxSearch/templates/results.tpl.html

&tplResult
Pur: to style each output result
Opt: {{chunkname}} | @FILE
Def:
@FILE:assets/snippets/ajaxSearch/templates/result.tpl.html

&tplComment
Pur: to style the comment form (also used with the ajax mode)
Opt: {{chunkname}} | @FILE
Def:
@FILE:assets/snippets/ajaxSearch/templates/comment.tpl.html

&tplPaging0
Pur: to style the paging links - type 0
Opt: {{chunkname}} | @FILE
Def:
@FILE:assets/snippets/ajaxSearch/templates/Paging0.tpl.html

&tplPaging1
Pur: to style the paging links - type 1
Opt: {{chunkname}} | @FILE
Def:
@FILE:assets/snippets/ajaxSearch/templates/Paging1.tpl.html

Ajax Templates

&tplAjaxGrpResult
Pur: to style the ajax output group result outer
Opt: {{chunkname}} | @FILE
Def: '@FILE:.*AS_SPATH.*'templates/ajaxGrpResult.tpl.html*
E.g.:@FILE:assets/snippets/ajaxSearch/templates/myAjaxGrpResult.tpl.html

&tplAjaxResults
Pur: to style the ajax output results outer
Opt: {{chunkname}} | @FILE
Def: '@FILE:.*AS_SPATH.*'templates/ajaxResults.tpl.html*

E.g.:@FILE:assets/snippets/ajaxSearch/templates/myAjaxResults.tpl.html

&tplAjaxResult
Pur: to style each output result
Opt: {{chunkname}} | @FILE
Def: '@FILE:.*AS_SPATH.*'templates/ajaxResult.tpl.html*
E.g.:@FILE:assets/snippets/ajaxSearch/templates/myAjaxResult.tpl.html

&tplPaging1
Pur: to style the paging links - type 1
Opt: {{chunkname}} | @FILE
Def:
@FILE:assets/snippets/ajaxSearch/templates/Paging1.tpl.html

&tplPaging2
Pur: to style the paging links - type 2
Opt: {{chunkname}} | @FILE
Def:
@FILE:assets/snippets/ajaxSearch/templates/Paging2.tpl.html

Placeholders

These placeholders are related to templates.

The searchString is available as placeholder.
Use [+as.searchString+] to get the search string used for the search.
E.g.: "Search results for [+as.searchString+]" as pagetitle for the landing page.
All the fields of the main table and of the joined table defined as *"displayed"*.
All the TV can be displayed as placeholders with &withTvs or &tvPhx parameters
In the table definition can use the tplResult and tplAjaxResult templates:

[+as.****+]
the content of the field named ****

[+as.****Show+]
a boolean value [0 | 1] which is equal to 0 when ****='', otherwise 1

[+as.****Class+]
a class name equal to:
- ajaxSearch_resultXxxx for the non ajax results (&tplResult)
- AS_ajax_resultXxxx for the ajax window (&tplAjaxResult)

E.g.:
with &whereSearch="content,tv", there are these placeholders:
"content" (table) – "id" (field) : [+as.id+]
"content" (table) – "date" (field) : [+as.publishon+]
"content" (table) – *displayed* fields :
default fields: 'pagetitle', 'longtitle', 'description', 'alias', 'introtext', 'menutitle', 'content'
"tv" (table) – *displayed* fields : tv_value (concatenated values of TVs)

Content Placeholders
[+as.pagetitle+], [+as.pagetitleShow+], [+as.pagetitleClass+]

[+as.longtitle+], [+as.longtitleShow+], [+as.longtitleClass+]

[+as.description+], [+as.descriptionShow+], [+as.descriptionClass+]

[+as.alias+], [as.aliasShow+], [+as.aliasClass+]

[+as.introtext+], [+as.introtextShow+], [+as.introtextClass+]

[+as.menutitle+], [+as.menutitleShow+], [+as.menutitleClass+]

[+as.content+], [+as.contentShow+],

[+as.contentClass+]

[+as.tv_value+], [+as.tv_valueShow+], [+as.tv_valueClass+]

Template Variables placeholders

[+as.tv_value], [+as.tv_valueShow+], [+as.tv_valueClass+]

Breadcrumbs

"content" (table) – breadcrumbs (link): [+as.breadcrumbs+], [+as.breadcrumbsShow+] [+as.breadcrumbsClass+]

with &extract parameter

[+as.extract+], [+as.extractShow+], [+as.extractClass+]
with AS_ajax_resultExtract (ajax) or ajaxSearch_resultExtract (non-ajax) as class names

&whereSearch=`content,tv,maxigallery,jot`

[+as.jot_content], [+as.jot_contentShow], [+as.jot_contentClass]

[+as.gal_title], [+as.gal_titleShow], [+as.gal_titleClass]

[+as.gal_descr], [+as.gal_descrShow], [+as.gal_descrClass]

Configuration

Default configuration file

The default configuration file contains all the required default values.
In the new **configuration file**:

- For a global parameter initialisation use the following syntax: $__param = value;
  This initialisation could be overwritted by the parameter snippet call.
  E.g: $__hideLink = 0;
- To overwrite parameter snippet call use
  $param = 'value';
  E.g: $hideLink = 0;

StripInput function

Pur: To define a custom stripInput function

```
if (!function_exists(myStripInput)) {
  function myStripInput($searchString){
    …. // change the searchString
    return $searchString;
  }
}
```
Not: Use the functions stripslashes, stripTags and stripHtml provided by AjaxSearch

StripOutput function

Pur: To define a custom stripInput function

```
if (!function_exists('myStripOutput')) {
  function 'myStripOutput' ($text){
    …. // change the output text
    return $text;
  }
}
```

$config['grpLabel']

Pur: Label for a group of results
Not: in the categConfig function a label could be defined to be be linked with the group of results.

This isn't a snippet parameter. Only a variable of configuration file. This variable shouldn't contain a comma (",")

categConfig function

Pur : To define the display of categories

```
if (!function_exists('categConfig')) {
  function categConfig(
                    $site='defsite', $category){
    $config = array();
    // set up config depending $site & $category
    ….
    return $config;
  }
}
```

Modifiers

to include images in the templates, uses the possible following phx modifiers:

imgwidth : image width

Pur: provide the image width
E.g:

imgheigth : image height

Pur: provide the image height
E.g:

Imgattr : image attributes

Pur: provide the image attributes as height="xxx" width="yyy"
E.g:

Imgmaxwidth : image max width

Pur: limit the width of the image to a maximum. Under this limit, keep the true width
E.g:

Imgmaxheight : image max height

Pur: limit the height of the image to a maximum. Under this limit, keep the true height
E.g:
Not: These modifiers are particularly usefull with the ajax mode to help html to determine the height of the AjaxSearch pop-up window

AjaxSearch Log Manager Module

A module provided to display the search logs from the MODx manager

Highlight plugins

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Pur: When a user clicks on the link from the AjaxSearch results the target page will have the terms highlighted.

searchHighlight plugin

Pur: highlight the terms containing between <body></body>

advSearchHighlight plugin

Pur: highlight the terms containing between <!--start highlight--> and <!--end highlight-->
Several distinct blocks are allowed

Not: *To add a link to remove the highlighting and to show the searchterms. Put the following on the page where this nees to be appeared:*
    <!--search_terms-->

Set the following variables to change the text:
 $termText - the text before the search terms
 $removeText - the text for the remove link

AjaxSearch Glossary

AjaxSearch mode
  - Search results displayed in current page through AJAX request

Non ajaxSearch mode
  - Search results displayed in a new page

Search term
  - The entry term in the search form

Extract
  - Part of a document extracted and added in the results page

Search result
  - Title (as a link to the document), description and extract

Rank
  - Value of ranking depending of number of search results and where the results have been found

Search results page
  - All the search results with optionaly a more results link to a showMoreResult page.
  - or all the search results paginated with the grabMax parameter

Highlighted term
  - In the search results page, the search terms found could be (or not) highlighted.
  - needs the plugin searchHighlight

Category
  - a group of search results tagged with the same TV.

AjaxSearch Resources Links

Demo site: http://www.modx.wangba.fr

Forum board:
http://modxcms.com/forums/index.php/
board,320.0.html

Download:
http://modxcms.com/extras/package/?package=8

Bugs and new feature requests:
http://svn.modxcms.com/jira/secure/
Dashboard.jspa
(case-sensitive link, with capital D)

Wiki page:
http://rtfm.modx.com/display/ADDON/AjaxSearch