list-pages macro

The {list-pages} macro generates a list of pages based on the parameters given to it.

It allows listing pages based on:

- a specific page name,
- page hierarchy (parent/child relationships),
- · page labels, and
- metadata keys or key:value pairs which the pages must have.

The macro searches for pages based on these properties in the current space by default, or in any number of spaces which can be specified in the macro parameters.

If more than one search criterion is specified (e.g. labels and metadata), then only pages meeting *all* the selection criteria will be returned and listed by the macro (boolean AND relationship between the search criteria). Within a list of search terms (e.g. list of labels or metadata), any page matching at least one of the items in the list will be returned (boolean OR relationship within search terms).

Finally, if no page is found satisfying the selected parameters, a default page can be specified to be listed by the macro instead.

See also the list-* macros page for an overview.

Requirements

This macro requires Builder 3.0 or above.

Usage

```
{list-pages:direction=ancestors|startPage=My Page|space=DOC|title=Page 1,Page 2|label=test,
label2|metadata=key1,key2:value1,key2:value2|default=Default Page}
```

Examples of common structures can be found in the examples below.

Parameters

Property	Required	Default	Notes
direction	0		The direction (in page hierarchy) that the macro should look in when searching for pages. The following values are permitted: • ancestor/ancestors/up - search for pages amongst the ancestors of the start page • descendant/descendants/descendents/down - search for pages amongst the descendants of the start page • sibling/siblings - search for pages amongst the siblings of the start page • children - search for pages amongst the children of the start page • none - don't search, just use the start page
startPage or startFrom	8	@self	The page to start the search from. The following values are permitted: @self- the current page (default) @root- the root of the current page's tree @parent- the parent of the current page @home- the homepage of the current space pagetitle - a named page (either the page title, or spacekey:title)
space	8		Comma-separated list of spaces to search in
title	8		Comma-separated list of page titles to search for
label	8		Comma-separated list of labels the page(s) should have
metadata	8		Comma-separated list of metadata key:value pairs, or metadata keys which the pages must posess. If a key:value pair is specified, then the key must have that value; if only the key is specified then any value is valid
default	8		Specifies a default page to use if no page was found with the previous search parameters. The following values are permitted:

Examples

Let's start with a simple example: listing all ancestor pages (i.e. parent, parent's parent, etc. all the way to the root of the current space).

List of all parent pages (from the current page)

List of all parent pages (from the current page): {list-pages:direction=up}

Which results in:

List of all parent pages (from the current page):

Unknown macro: {list-pages}

As you can see, each page in the space's hierarchy, from the current up to the top (root) is listed as a link to the page itself.

Similarly, we can list all children, and children's children pages from the current page, much like the {children} macro does, but then recursively (at infinite depth):

List of all children pages (from the current page): {list-pages:direction=down}

Which results in:

List of all children pages (from the current page):

Unknown macro: {list-pages}

You may specify the page at which the {list-pages} macro should start searching. By default (if nothing is specified) this will be the current page.

For instance, to list all pages in a space, specify the spacekey: as the parameter for startPage as follows:

List of all children pages in the [Builder/Builder:] space {list-pages:direction=down/startPage=Builder:}

Which results in:

List of all children pages in the Builder space

Unknown macro: {list-pages}

You can set the {list-pages} macro to search for pages in more than one space.

By default, the macro will search for pages in the current space. You can specify a different space with *startPage=spacekey*: as per the example above. Additionally, you can specify a list of spaces to search in:

List of pages in the [Builder/Builder:] and [Bubbles/Bubbles:] spaces: {list-pages:direction=down/startPage=@home/space=Builder,Bubbles}

Which results in:

List of pages in the Builder and [Bubbles] spaces

Unknown macro: {list-pages}

The {list-pages} macro can retrieve pages based on their names (page titles). For this, use the following syntax:

[Builder Builder:] space {list-pages:direction=do	: wn startPage=Builder: title=Panel Macros,Menu Macros,Utility Macros}
Which results in:	
List of pages titled "Panel Macros'	", "Menu Macros", or "Utility Macros" in the Builder space:
Unknown macro: {list-pages}	
The {list-pages} macro can be use least one of the labels.	ed to list pages containing any one label in the list specified. Pages listed by the macro will have
List of pages labeled ' {list-pages:direction=do	
Which results in:	
List of pages labeled 'builder' or 'th	neme':
Unknown macro: {list-pages}	
lf you specify a key:value pair, the	ue pairs, can be given to the {list-pages} macro as search criterion. In the macro will return only pages containing both that key and the specific value for that key. acro will return all pages containing that key, regardless of the value.
If you specify a key:value pair, the you only specify a key then the ma	n the macro will return only pages containing both that key and the specific value for that key.
If you specify a key:value pair, the you only specify a key then the ma See the Metadata plugin page fo List of pages authored	on the macro will return only pages containing both that key and the specific value for that key. acro will return all pages containing that key, regardless of the value.
If you specify a key:value pair, the you only specify a key then the ma See the Metadata plugin page for List of pages authored {list-pages:direction=do	on the macro will return only pages containing both that key and the specific value for that key. acro will return all pages containing that key, regardless of the value. For more information on the Metadata plugin and key:value pairs. by [~gfraser] in the [Builder/Builder:] space:
If you specify a key:value pair, the you only specify a key then the ma See the Metadata plugin page [®] fo List of pages authored {list-pages:direction=do Which results in:	on the macro will return only pages containing both that key and the specific value for that key. acro will return all pages containing that key, regardless of the value. For more information on the Metadata plugin and key:value pairs. by [~gfraser] in the [Builder/Builder:] space:
If you specify a key:value pair, the you only specify a key then the ma See the Metadata plugin page [®] fo List of pages authored {list-pages:direction=do Which results in:	<pre>en the macro will return only pages containing both that key and the specific value for that key. acro will return all pages containing that key, regardless of the value. or more information on the Metadata plugin and key:value pairs. by [~gfraser] in the [Builder/Builder:] space: wn startPage=Builder: metadata=author:gfraser}</pre>
If you specify a key:value pair, the you only specify a key then the ma See the Metadata plugin pages for List of pages authored {list-pages:direction=do Which results in: List of pages authored by [~gfrase Unknown macro: {list-pages} In order to prevent the macro from	en the macro will return only pages containing both that key and the specific value for that key. acro will return all pages containing that key, regardless of the value. For more information on the Metadata plugin and key:value pairs. by [~gfraser] in the [Builder/Builder:] space: wn startPage=Builder: metadata=author:gfraser} er] in the Theme Builder Plugin space:
If you specify a key:value pair, the you only specify a key then the ma See the Metadata plugin pages for List of pages authored {list-pages:direction=do Which results in: List of pages authored by [~gfrase Unknown macro: {list-pages} In order to prevent the macro from specify a default page to return. List of parent pages:	en the macro will return only pages containing both that key and the specific value for that key. acro will return all pages containing that key, regardless of the value. For more information on the Metadata plugin and key:value pairs. by [~gfraser] in the [Builder/Builder:] space: wn startPage=Builder: metadata=author:gfraser} er] in the Theme Builder Plugin space:
If you specify a key:value pair, the you only specify a key then the ma See the Metadata plugin pages for List of pages authored {list-pages:direction=do Which results in: List of pages authored by [~gfrase Unknown macro: {list-pages} In order to prevent the macro from specify a default page to return. List of parent pages:	In the macro will return only pages containing both that key and the specific value for that key. acro will return all pages containing that key, regardless of the value. For more information on the Metadata plugin and key:value pairs. by [~gfraser] in the [Builder/Builder:] space: wn startPage=Builder: metadata=author:gfraser} for the Theme Builder Plugin space: for returning an empty list in case no pages are found meeting the given search criteria, you may

Hints and Tips

None at present.

Frequently Asked Questions

None at present.