Content by Label Macro

The Content by Label macro lists content which has been tagged with specific labels.

On this page:
- Usage with the Macro Browser
- Usage with the Wiki Markup Editor
- Parameters
- Examples
  - 1. Show content from a specific space
  - 2. Show only results in current space
  - 3. Show results from all spaces
  - 4. Show only content of a specified type
  - 5. Do not show the labels in the results
  - 6. Do not show the space names in the results
  - 7. Display excerpts in the results
  - 8. Specify the maximum number of results to display
  - 9. Sort by modification date
  - 10. Change the sort order

Usage with the Macro Browser

To insert the content by label macro into a page using the Macro Browser,

1. Open the Confluence page or blog post that you want to edit, then click the 'Edit' button.
2. Click the Macro Browser icon on the toolbar. The macro browser window will open.
3. Scroll through the list of macros to find the one you want. Alternatively, start typing the macro name into the search box at the top right of the macro browser. Macros with a matching name will appear in the main pane.
4. Click the desired macro.
5. Set the macro parameters to your requirements. If desired, you can preview these changes by clicking 'Refresh'.
6. Click 'Insert' to add the macro onto the page.

You can also insert macros via autocomplete. For more information, see Using Autocomplete in the Rich Text Editor.

Once you've found the content by label macro, click 'insert' to add it to your page.

Usage with the Wiki Markup Editor

To display all pages with the label needs-fixing, use:

```
{contentbylabel:label=needs-fixing|showLabels=false|showSpace=false|maxResults=99|space=@self}
```

Below is a working example of the 'Content by Label' macro. In the example, we have restricted the display to 5 results. By default, Confluence lists all the labels for each result displayed. See the optional parameters below for more information.

<table>
<thead>
<tr>
<th>What you need to type</th>
<th>What you will get</th>
</tr>
</thead>
</table>

| {contentbylabel:label=needs-fixing|showLabels=false|showSpace=false|maxResults=99|space=@self} | |
Parameters

Parameters are options that you can include in Confluence macros to control the content or format of the macro output. The table below lists relevant parameters for this macro.

Parameter names are different in the macro browser and in wiki markup. Below we show the macro browser parameter names in **bold** text, and the equivalent wiki markup parameters in *(bracketed)* text. If we do not show any parameter name for the wiki markup, then you should leave out the parameter name and simply include the parameter value as the first parameter, immediately after the colon (:).

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Default</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(author)</td>
<td>None</td>
<td>Filter the results by author. The macro will display only the pages etc which are written or updated by the author(s) you specify here. You can specify one or more authors, separated by a comma.</td>
</tr>
<tr>
<td>Label(s)</td>
<td>None</td>
<td>This parameter is required. Use this parameter to filter the results by label. The macro will display only the pages etc which are tagged with the label(s) you specify here. You can specify one or more label values, separated by a comma or a space.</td>
</tr>
<tr>
<td>Maximum Number of Pages</td>
<td>15</td>
<td>Specify the maximum number of results to be displayed. Note that the results are sorted first, and then the maximum parameter is applied.</td>
</tr>
</tbody>
</table>
| (operator) | OR | The operator to apply to the supplied lists of labels. By default, a page with **any** of the non-prefixed labels (that is, labels without a plus (+) or minus (-) sign immediately preceding it) will be listed. By using `operator=AND`, only pages with **all** of the supplied non-prefixed labels will be listed.  

ℹ️ Be aware that this parameter only modifies the behaviour of the ‘Label(s)’ parameter and only affects label values without a plus (+) or minus (-) sign prefix. To avoid confusion or unexpected results, it is not recommended that the operator parameter be used in conjunction with any label values prefixed with ‘+’ or ‘-’ signs. |
| Show Labels for Each Page | true | Show or hide labels for results. |
| Show Space Name for Each Page | true | Show or hide spaces for results. |
Reverse Sort (reverse) false
Use this parameter in conjunction with the `sort` parameter described below. Set `reverse=true` to change the sort from ascending to descending.

This parameter is ignored if the `sort` parameter is not specified.

Sort By (sort) modified
Specify how the results should be sorted. To change the sort order from ascending to descending, use the `reverse` parameter described above.

*Note:* If this parameter is not specified, the sort order defaults to descending order based on the last modification date.

Values:
- `modified`: Use this parameter to sort by the last modification date.

Restrict to these Spaces (space) or (spaces) @all, i.e. all spaces in your Confluence site.
This parameter allows you to filter content by space. The macro will display only the pages etc. which belong to the space(s) you specify here.

You can specify one or more space keys, separated by a comma or a space.

Special values:
- `@all`: i.e. all spaces in your Confluence site.

List Title (title) None
Adds a title or heading to the list.

Include these Content Types Only (type) all
This parameter allows you to filter content by content type. The macro will display only the content of the type you specify here.

You can specify one or more types, separated by a comma or a space.

Available values:
- `page`: Pages.
- `blogpost`: or `news`: Blog posts, also known as news items.

Display Excerpts (excerpt) false
Displays excerpts for each page listed in the Content by Label macro. Note that you must define the excerpts on each of those pages, by adding the `excerpt` macro to each page. If a particular page does not have an excerpt defined, then the Content by Label macro will not attempt to show an excerpt for that page. The Content by Label macro will show only the first few lines of the excerpt for each page.

Examples

1. Show content from a specific space

```
{contentbylabel:label=dogs,cats|space=PETS}
```

2. Show only results in current space

```
{contentbylabel:label=dogs,cats|space=@self}
```

3. Show results from all spaces

```
{contentbylabel:label=dogs,cats|space=@all}
```

4. Show only content of a specified type

The code below will show only pages (but not blog posts or other content types) with the labels 'dogs' or 'cats':

```
{contentbylabel:label=dogs,cats|type=page}
```
5. Do not show the labels in the results

{contentbylabel:label=dogs,cats|showLabels=false}

6. Do not show the space names in the results

{contentbylabel:label=dogs,cats|showSpace=false}

7. Display excerpts in the results

{contentbylabel:label=dogs,cats|excerpt=true}

8. Specify the maximum number of results to display

{contentbylabel:label=dogs,cats|max=99}

9. Sort by modification date

{contentbylabel:label=dogs,cats|sort=modified}

10. Change the sort order

{contentbylabel:label=dogs,cats|sort=modified|reverse=true}

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