# Notation Guide

## Headings

To create a header, place "hn. " at the start of the line (where n can be a number from 1-6).

<table>
<thead>
<tr>
<th>Notation</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>h1. Biggest heading</td>
<td>Biggest heading</td>
</tr>
<tr>
<td>h2. Bigger heading</td>
<td>Bigger heading</td>
</tr>
<tr>
<td>h3. Big Heading</td>
<td>Big Heading</td>
</tr>
<tr>
<td>h4. Normal Heading</td>
<td>Normal Heading</td>
</tr>
<tr>
<td>h5. Small Heading</td>
<td>Small Heading</td>
</tr>
<tr>
<td>h6. Smallest Heading</td>
<td>Smallest Heading</td>
</tr>
</tbody>
</table>

## Text Effects

Text effects are used to change the formatting of words and sentences.

<table>
<thead>
<tr>
<th>Notation</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>strong</strong></td>
<td>Makes text strong.</td>
</tr>
<tr>
<td><em>emphasis</em></td>
<td>Makes text emphasis.</td>
</tr>
<tr>
<td>?citation??</td>
<td>Makes text in citation.</td>
</tr>
<tr>
<td><del>strike-through</del></td>
<td>Makes text as strike-through.</td>
</tr>
<tr>
<td>+underlined+</td>
<td>Makes text as underlined.</td>
</tr>
<tr>
<td>^superscript^</td>
<td>Makes text in superscript.</td>
</tr>
<tr>
<td><del>subscript</del></td>
<td>Makes text in subscript.</td>
</tr>
<tr>
<td>{{monspaced}}</td>
<td>Makes text as code text.</td>
</tr>
<tr>
<td>bq. Some block quoted text</td>
<td>To make an entire paragraph into a block quotation, place &quot;bq. &quot; before it. Example:</td>
</tr>
<tr>
<td>(quote) here is quoteable content to be quoted (quote)</td>
<td>Quote a block of text that's longer than one paragraph. Example:</td>
</tr>
<tr>
<td>(color:red) look ma, red text! (color)</td>
<td>Changes the color of a block of text. Example: look ma, red text!</td>
</tr>
</tbody>
</table>

## Text Breaks

Most of the time, explicit paragraph breaks are not required - Confluence will be able to paginate your paragraphs properly.

<table>
<thead>
<tr>
<th>Notation</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>(empty line)</td>
<td>Produces a new paragraph</td>
</tr>
<tr>
<td>\</td>
<td>Creates a line break. Not often needed, most of the time Confluence will guess new lines for you appropriately.</td>
</tr>
<tr>
<td>----</td>
<td>creates a horizontal ruler</td>
</tr>
<tr>
<td>---</td>
<td>Produces — symbol.</td>
</tr>
<tr>
<td>--</td>
<td>Produces — symbol.</td>
</tr>
</tbody>
</table>

## Links

Links are the heart of Confluence, so learning how to create them quickly is important.

<table>
<thead>
<tr>
<th>Notation</th>
<th>Comment</th>
</tr>
</thead>
</table>


| #anchor |
| ~attachment.ext |
| [pagetitle] |
| [pagetitle#anchor] |
| [pagetitle^attachment.ext] |
| or |
| [spacekey:pagetitle] |
| [spacekey:pagetitle#anchor] |
| [spacekey:pagetitle^attachment.ext] |

Creates an internal hyperlink to the specified page in the desired space (or the current one if you don't specify any space). Appending the optional "^" sign followed by an anchor name will lead into a specific bookmarked point of the desired page. Also having the optional "^^" followed by the name of an attachment will lead into a link to the attachment of the desired page.

Example: pagetitle

If such a page doesn't already exist, it will allow you to create the page in the current space. Create page links will have a * after them.

Example: anewpage

<table>
<thead>
<tr>
<th>link alias</th>
<th>#anchor</th>
<th>link tip</th>
</tr>
</thead>
<tbody>
<tr>
<td>link alias</td>
<td>^attachment.ext</td>
<td>link tip</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>link alias</td>
<td>pagetitle</td>
<td>link tip</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>link alias</td>
<td>pagetitle#anchor</td>
<td>link tip</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>link alias</td>
<td>spacekey:pagetitle</td>
<td>link tip</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>link alias</td>
<td>spacekey:pagetitle#anchor</td>
<td>link tip</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>link alias</td>
<td>spacekey:pagetitle^attachment.ext</td>
<td>link tip</td>
</tr>
</tbody>
</table>

Creates an internal hyperlink to the specified blog post in the desired space (or the current one if you don't specify any space). You must specify the date the post was made in /year/month/day form as shown. Anchors and link text can be added the same way as described above.

If you attempt to link to a blog post that doesn't exist, no link will be created.

Example:

- [2004/01/12/My Blog Post]
- [my link name]

| [2004/01/12] |
| [spacekey:/2004/01/12] |
| or |
| [my link name]/2004/01/12 |
| or |
| [my link name:spacekey:/2004/01/12] |

Creates an internal hyperlink to a view of a whole day's news. Specify the date you wish to link to as year/month/day. Link titles can be supplied as with other links. It is possible to link to days with no news items on them: the destination page will just be empty.

Examples:

- [2004/01/12/My Blog Post]
- [my link name]

| $12345 |
| or |
| [my link name]$12345 |

Creates a link to a piece of content by its internal database ID. This is currently the only way to link to a mail message.

Examples:

- Re: Webwork 2 Upgrade
- my link name

| [spacekey:] |
| [custom link title|spacekey:] |

Creates a link to the space homepage, or space summary page of a particular space. Which of these the link points to depends on the configuration of the space being linked to. If the space does not exist, the link will be drawn with a strike-through to indicate it is an invalid space.

Examples:

- spacekey
- custom link title
- [~nosuchspace]

| ~username |
| [custom link title|~username] |

Creates a link to the user profile page of a particular user. By default, will be drawn with a user icon and the user's full name, but if you supply a custom link text, the icon will not be drawn. If the user being linked to does not exist, the link will be drawn with a strike-through.

Examples:

- A User Full Name
- custom link text
- [~nosuchuser]

| [phrase@shortcut] |
| [custom link text|phrase@shortcut] |

Creates a shortcut link to the specified shortcut site. Shortcuts are configured by the site administrator. You can add a link title to shortcuts in the same manner as other links.

Examples:

- confluence@Google
- custom link text

| [http://confluence.atlassian.com] |
| [Atlassian] [http://confluence.atlassian.com] |

Creates a link to an external resource, special characters that come after the URL and are not part of it must be separated with a space. External links are denoted with an arrow icon.

Note: the [] around external links are optional in the case you do not want to use any alias for the link.

Examples:

- http://confluence.atlassian.com
- Atlassian

| [mailto:legendaryservice@atlassian.com] |

Creates a link to an email address, complete with mail icon.

Example: legendaryservice@atlassian.com

| [file://c:/temp/foo.txt] |
| [file://r:/file/on/network/share.txt] |

This only works on Internet Explorer

Creates a link to file on your computer or on a network share that you have mapped to a drive

| [anchor:anchorname] |

Creates a bookmark anchor inside the page. You can then create links directly to that anchor. So the link [My Page#here] will link to wherever in "My Page" there is an {anchor:here} macro, and the link [#there] will link to wherever in the current page there is an {anchor:there} macro.
<table>
<thead>
<tr>
<th><strong>Parameter</strong></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>redirect:</strong></td>
<td>Redirects the browser to the specified page or URL. <strong>Note:</strong> To allow editing of a page once it has been redirected, add <code>redirect=false</code> to the query string.</td>
</tr>
<tr>
<td><strong>alias:</strong></td>
<td>Creates an alias for the current page. Any references to the alias will be redirected to this page.</td>
</tr>
<tr>
<td><strong>(add-page:</strong></td>
<td>Generates an 'Add Page' link which, when clicked, can take the user directly to a template and/or set the page parent.</td>
</tr>
<tr>
<td><strong>(link-page:</strong></td>
<td>Links to a page in the current space. If the page doesn’t exist or is untitled, it generates a 'Add Page' link.</td>
</tr>
<tr>
<td><strong>(link-to:</strong></td>
<td>Creates a link to special Confluence locations. All locations are non-case-sensitive.</td>
</tr>
</tbody>
</table>

### Parameters

- **[default]** - The location to link to. See the list of locations below. (
- **[template]** - (optional) The name of the template to use when creating a new page. |
- **[live]** - (optional) If set to 'true', the template will be live when the page is created. Defaults to false. |
- **[parent]** - (optional) The name of the parent page (empty by default). May also have the following markers: |
  - **[@self]** - (default) the parent will be the page the macro is in. |
  - **[@parent]** - the parent will be the parent of the page the macro is in. |
  - **[@home]** - the parent will be home page for the Space the page is in. |
  - **[title]** - (optional) if you want popup text to appear when the mouse is hovered over the link, enter it here. |
  - **[labels]** - (optional) the list of labels to apply to the new page. Does not work for non-live templates. |

### Global Locations

- **[admin]** - The administration section. |
- **[dashboard]** - The Dashboard. |
- **[global templates]** - The global templates page. |
- **[homepage]** - The user's homepage. |
- **[login]** - The login page. |
- **[logout]** - The logout page. |
- **[signup]** - The signup page. |
- **[notation guide]** - The notation guide. |
- **[rss feed builder]** - The RSS Feed Builder (Confluence 2.x) |
- **[spaces]** - The list of spaces the user has access to. (Confluence 1.4) |
- **[user profile]** - The currently logged in user's profile. |
- **[user history]** - The currently logged in user's history. |

### Space Locations

You can specify which space to link to by setting the `space=key` parameter, or it will default to the current space. |
- **[add news]** - Add a news post. |
- **[browse space]** - Go to the 'Browse Space' view. |
- **[mail]** - The mail page. |
- **[news]** - The news page. |
- **[pages alphabetical]** - The list of pages in alphabetical order. |
- **[pages tree]** - The hierarchical view of pages in the space. |
- **[pages updated]** - The recently updated pages list. |
- **[space attachments]** - The attachments list for the space. |
- **[space templates]** - The space templates list. |
- **[popular labels]** - A page listing popular page labels in the space. (Confluence 2.x)
RSS Feeds
Again, you can specify the space, or the current one will be used as the default.
- rss comments - New comments are added to this feed.
- rss news - News items for the space are added to the feed.
- rss new pages - Any new pages in the space are added to the feed.
- rss updated pages - Any updated pages in the space are added to the feed.

Page Locations
You can specify the space key as above, and you can specify the page or news item with the 'page' parameter.
- @parent - Links to the page's parent, if it has one.
- @self - Links to the page the macro is on.
- add comment - Opens the 'add comment' section of the page.
- page comments - Jumps to the page comments.
- page attachments - The attachments tab for the page.
- page children - Jumps to the page children list.
- page edit - The edit tab for the page.
- page history - The page history view.
- page info - The page info view.
- page source - The page source view.
- pdf export - Export the page to PDF.
- word export - Export the page in Microsoft Word format.
- print - The print view for the page.

Links to a page or URL, popping it up into a new window.
- [default]/href - The name of the page, or the URL.
- type - Either 'normal' (the default) or 'popup'. If set to popup, many of the settings below will default to those appropriate for a popup window.
- width - The width of the new window.
- height - The height of the new window.
- scrollbars - If false, the scrollbar will be hidden.
- menubar - If false, the menubar will be hidden.
- location - If false, the location bar will be hidden.
- statusbar - If false, the status bar will be hidden.
- resizable - If false, the window will not be resizable.
- title - The title of the window. Use this to open multiple links in the same popup window.
- tip - The tip to display while the mouse is hovering over the link.
- icon - If false, the link will not have an 'open new window' icon.

Generates an 'Add Page' link which, when clicked, can take the user directly to a template and/or set the page parent.
- template - (optional) the name of the template to use when creating the page.
- boilerplate - (optional) the name of the template to use as a boilerplate when creating the page. (requires the Scaffolding Macros to work correctly)
- parent - (optional) the name of the parent page (empty by default). May also have the following markers:
  - @self - the parent will be the page the macro is in.
  - @parent - the parent will be the parent of the page the macro is in.
  - @home - the parent will be home page for the Space the page is in.
- title - (optional) if you want popup text to appear when the mouse is hovered over the link, enter it here.

Links to a page in the current space. If the page doesn't exist or is untitled, it generates a 'Add Page' link which, when clicked, can take the user directly to a template and/or set the page parent.
- [default]/name - (optional) the title of the page. If not supplied, clicking the link will always create a new page.
- template - (optional) the name of the template to use when creating the page.
- parent - (optional) the name of the parent page (empty by default). May also have the following markers:
  - @self - the parent will be the page the macro is in.
  - @parent - the parent will be the parent of the page the macro is in.
  - @home - the parent will be home page for the Space the page is in.
- title - (optional) if you want popup text to appear when the mouse is hovered over the link, enter it here.

Creates a link to special Confluence locations. All locations are non-case-sensitive.

Parameters
- [default] - The location to link to. See the list of locations below.
- space - (optional) The spacekey to link to.
- page - (optional) The name of the page/news item/etc to link to.
- popup - (optional) If true, the link will open in a popup window.
- popupWidth - (optional) The width of the popup window. Defaults to 600px.
- popupHeight - (optional) The height of the popup window. Defaults to 400px.
- popupScroll - (optional) If false, no scrollbar is displayed. Defaults to true.
- target - (optional) The name of the popup window to open.
- title - (optional) if you want popup text to appear when the mouse is hovered over the link, enter it here.

Global Locations
- admin - The administration section.
- dashboard - The Dashboard.
- global templates - The global templates page.
- homepage - The user's homepage.
- login - The login page.
- logout - The logout page.
- **signup** - The signup page.
- **notation guide** - The notation guide.
- **rss feed builder** - The RSS Feed Builder (Confluence 2.x)
- **spaces** - The list of spaces the user has access to. (Confluence 1.4)
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**Space Locations**
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- **pages tree** - The hierarchical view of pages in the space.
- **pages updated** - The recently updated pages list.
- **space attachments** - The attachments list for the space.
- **space templates** - The space templates list.
- **popular labels** - A page listing popular page labels in the space. (Confluence 2.x)
- **all labels** - A page listing all labels across the space. (Confluence 2.x)

**RSS Feeds**
Again, you can specify the space, or the current one will be used as the default.

- **rss comments** - New comments are added to this feed.
- **rss news** - News items for the space are added to the feed.
- **rss new pages** - Any new pages in the space are added to the feed.
- **rss updated pages** - Any updated pages in the space are added to the feed.

**Page Locations**
You can specify the space key as above, and you can specify the page or news item with the `page=Page Name` parameter.

- **@parent** - Links to the page's parent, if it has one.
- **@self** - Links to the page the macro is on.
- **add comment** - Opens the 'add comment' section of the page.
- **page comments** - Jumps to the page comments.
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- **page children** - Jumps to the page children list.
- **page edit** - The edit tab for the page.
- **page history** - The page history view.
- **page info** - The page info view.
- **page source** - The page source view
- **pdf export** - Export the page to PDF.
- **word export** - Export the page in Microsoft Word format.
- **print** - The print view for the page.

---

### Lists

Lists allow you to present information as a series of ordered items.

<table>
<thead>
<tr>
<th>Notation</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>* some</td>
<td>A bulleted list (must be in first column). Use more (**) for deeper indentations.</td>
</tr>
<tr>
<td>* bullet</td>
<td>Example:</td>
</tr>
<tr>
<td>** indented</td>
<td>● some</td>
</tr>
<tr>
<td>* bullets</td>
<td>● bullet</td>
</tr>
<tr>
<td>* points</td>
<td>● indented</td>
</tr>
<tr>
<td></td>
<td>● bullets</td>
</tr>
<tr>
<td>- different</td>
<td>A list item (with -), several lines create a single list.</td>
</tr>
<tr>
<td>- bullet</td>
<td>Example:</td>
</tr>
<tr>
<td>- types</td>
<td>■ different</td>
</tr>
<tr>
<td></td>
<td>■ bullet</td>
</tr>
<tr>
<td></td>
<td>■ types</td>
</tr>
<tr>
<td># a</td>
<td>A numbered list (must be in first column). Use more (###) for deeper indentations.</td>
</tr>
<tr>
<td># numbered</td>
<td>Example:</td>
</tr>
<tr>
<td># list</td>
<td>1. a</td>
</tr>
<tr>
<td></td>
<td>2. numbered</td>
</tr>
<tr>
<td></td>
<td>3. list</td>
</tr>
<tr>
<td># a</td>
<td>You can even go with any kind of mixed nested lists:</td>
</tr>
<tr>
<td># numbered</td>
<td>Example:</td>
</tr>
<tr>
<td>#* with</td>
<td>1. a</td>
</tr>
<tr>
<td>#* nested</td>
<td>2. numbered</td>
</tr>
<tr>
<td>* bullet</td>
<td>● with</td>
</tr>
<tr>
<td># list</td>
<td>● nested</td>
</tr>
<tr>
<td>* list</td>
<td>● bullet</td>
</tr>
<tr>
<td></td>
<td>3. list</td>
</tr>
<tr>
<td>* a</td>
<td></td>
</tr>
<tr>
<td>* bulletted</td>
<td></td>
</tr>
<tr>
<td>* with</td>
<td></td>
</tr>
<tr>
<td>*# nested</td>
<td></td>
</tr>
</tbody>
</table>
# Notation Guide - Confluence

## Images

Images can be embedded into Confluence pages from attached files or remote sources.

<table>
<thead>
<tr>
<th>Notation</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="http://www.host.com/image.gif" alt="http://www.host.com/image.gif" /></td>
<td>Inserts an image into the page. If a fully qualified URL is given the image will be displayed from the remote source, otherwise an attached image file is displayed.</td>
</tr>
<tr>
<td>![spaceKey:pageTitle^image.gif](/2007/05/23/My Blog Post^image.gif)</td>
<td>Inserts an image that is attached on another page or blog post. If no space key is defined, the current is space is used by default.</td>
</tr>
<tr>
<td>![image.jpg</td>
<td>thumbnail](image.gif)</td>
</tr>
<tr>
<td>![image.gif</td>
<td>align=right, vspace=4](image.gif)</td>
</tr>
</tbody>
</table>

## Tables

A table can be created by using the following notation:

```
{dynamictable:name} |header1|header2|...
{dynamictable}
```

This displays a dynamic table. Rows are added to the table and updated while viewing the page. The single parameter is the title of the table. Make sure you don't have two tables in the same page with the same title.

Example:

<table>
<thead>
<tr>
<th>Table: T1</th>
</tr>
</thead>
<tbody>
<tr>
<td>page</td>
</tr>
<tr>
<td>p125</td>
</tr>
<tr>
<td>p136</td>
</tr>
<tr>
<td>p137</td>
</tr>
</tbody>
</table>

## Gallery

A gallery of thumbnails can be created by using the following notation:

```
{gallery} 
{gallery:columns=3} 
{gallery:slideshow=false} 
{gallery:columns=3|title=Charles' Holiday Photos} 
```

Creating a gallery of thumbnails of all images attached to a page. This will only work on pages that allow attachments, obviously.

The columns parameter allows you to specify the number of columns in the gallery (by default, 4)

The title parameter allows you to supply a title for the gallery

The slideshow parameter allows you to turn off the "View As Slideshow" link (on by default).
Tables allow you to organise content in rows and columns, with a header row if required.

<table>
<thead>
<tr>
<th>Notation</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>[[heading 1]</td>
<td>[[heading 2]</td>
</tr>
<tr>
<td>col A1</td>
<td>col A2</td>
</tr>
<tr>
<td>col B1</td>
<td>col B2</td>
</tr>
</tbody>
</table>

Makes a table. Use double bars for a table heading row. Note that each table-row has to be defined on a single line.

The code given here produces a table that looks like:

<table>
<thead>
<tr>
<th>heading 1</th>
<th>heading 2</th>
<th>heading 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>col A1</td>
<td>col A2</td>
<td>col A3</td>
</tr>
<tr>
<td>col B1</td>
<td>col B2</td>
<td>col B3</td>
</tr>
</tbody>
</table>

Defines a single column.

- **width**: (optional) the width of the column. Must be defined in a `section` macro.

If you want to use columns instead of tables, you can define them first by marking a `section`, and then placing any number of `column`s inside.

- **border**: (optional) set to "true" to draw a border around the section and columns.

Converting csv and other delimited data into a table. CSV is not a formal standard, but the best reference is The Comma Separated Value (CSV) File Format. The support in this macro comes close to following this pseudo-standard. For more details see `SCP-16`. This macro shares common table capabilities with other table based macros (excel, table-plus, and sql).

- **output**: Determines how the output is formatted:
  - html - Data is output as an HTML table (default).
  - wiki - Data is output as a Confluence wiki table. Use this option if you want data within the table to be formatted by the Confluence wiki renderer.

- **script**: Location of csv data. Default is the macro body only. If a location of data is specified, the included data will follow the body data.
  - #filename - Data is read from the file located in confluence home directory/script/filename. Subdirectories can be specified.
  - global page template name - Data is read from a global page template.
  - ^attachment - Data is read from an attachment to the current page.
  - page^attachment - Data is read from an attachment to the page name provided.
  - space:page^attachment - Data is read from an attachment to the page name provided in the space indicated.

- **url**: Specifies the URL of an csv file. If a url location is specified, the included data will follow the body and script data. Use of this parameter may be restricted for security reasons. See your administrator for details.

- **heading**: Number of rows to be considered heading rows (default is 1 row). Specify heading=false or heading=0 to not show any heading lines.

- **border**: The border width in pixels. Defaults to normal table border width.

- **width**: The table width in pixels. Default is 100%.

- **delimiter**: Delimiter that separates columns. Note that trailing delimiters on a line result in a blank column at the end of the row.
  - , or ";" (comma) - The default column separator.
  - whitespace - Blanks, tabs, and other white space are used to separate columns.
  - blanks - Blank or blanks only.
  - other single character delimiter - may be within double quotes with some restrictions. Examples: "", "\".

- **quote**: the character used to represent quoted data. Quoted data may contain delimiters or new lines. Quote character data must be doubled inside a quoted string.
  - double - Double quote character (default).
  - single - Single quote character.

- **escape**: When wiki output is requested (output=wiki), some special characters (like ";", ",", ";", ";") in data may cause undesirable formatting of the table. Set escape=true to allow these special characters to be escaped so that it will not affect the formatting. The default is false so that data that has wiki markup will be handled.
### Notation Guide - Confluence

#### Additional Information

- **showWiki** - Default is false. Set to true to show a non-formatted version of the wiki table following the formatted table. This is used to help resolve formatting issues.

### Adds column sorting and other attributes to one or more tables found in the body of the macro. The tables can be produced by wiki markup or other means. This macro shares common table capabilities with other table based macros (excel, csv, and sql).

- **heading** - Number of rows to be considered heading rows (default is 1 row). Specify heading=false or heading=0 to not show any heading lines. Heading rows do not participate in sorting.
- **footing** - Number of rows to be considered footing rows (default is 0). Footing rows do not participate in sorting. An auto total row is automatically treated as a footing row.
- **width** - The table width in pixels. Default is 100%.
- **border** - The border width in pixels. Defaults to normal table border width.
- **Other parameters** - Other parameters are passed through to the html table markup for more advanced capabilities or to override the default class.

### Common table capabilities

A javascript enabled browser is required to enable these capabilities. A number of table based macros (table-plus, csv, excel, and sql) share these common capabilities.

- Column sorting - sort a column by clicking on column heading. Clicking again will reverse the order. Auto sorting before display.
- Row highlighting on mouse over - row is highlighted when mouse goes over any row element for non-heading rows.
- Column attributes - ability to set the display attributes (color, font) on a column basis.
- Auto numbering - ability to automatically add a leading column with the data row count.
- Auto totaling - ability to automatically add a footing row that totals all numeric columns.

### Parameters - the following parameters control these common table capabilities:

- **enableSorting** - Set enableSorting=false to prevent sorting.
- **enableHighlighting** - As the mouse moves over a table row, the row will be highlighted by default. Set enableHighlighting=false to stop this behavior. This parameter was formerly known as highlightRow which still works.
- **sortColumn** - The table can be auto sorted before it is displayed by any valid column name or number provided by this parameter. No auto sorting will be done if this value is not provided or is invalid. A column number is a 1-based count of columns (excluding auto number column).
- **sortDescending** - If sortDescending=true, the sort indicated by the sortColumn will be done in reverse order.
- **sortTip** - Text that is used to provide user feedback with mouse is over a column heading that is sortable. Default text is: “Click to sort” followed by the column name if available.
- **sortIcon** - Default is false to not show a sort icon. Set sortIcon=true to include a sort icon in the first heading row for sortable columns. An icon will show for the last column sorted indicating the direction the column was sorted.
- **highlightColor** - Color of row when mouse is over a row element. See Colors for how to specify.
- **autoNumber** - If autoNumber=true, an additional column will be added that will count each data row.
- **autoTotal** - If autoTotal=true, an additional row will be appended to the end of the table that will contain totals of all numeric columns.
- **autoNumberSort** - If autoNumberSort=true, the auto number column will be sortable and will retain the original data row count even after row sorting.
- **columnTypes** - By default, all columns are treated as strings for sorting purposes unless a more specific sort type is provided either by the macro logic or by this parameter. The parameter is a comma separated list of column type indicators to identify column types.
  - **S** - string
  - **I** - integer
  - **F** - float
  - **C** - currency or similar where it is a float value with pre or post characters
  - **D** - date in the browser date format. More advanced date handling may be available on your server after installation of a date handling library. See online documentation for more information.
  - **X** - exclude this column from user selectable sorting
  - **O** - or 1 or f - separated numbers, like phone numbers or TCP addresses. Valid values are multiple integer numbers separated by one of the separators indicated by the type.
  - **H** - hide the column.
- **columnAttributes** - A comma separated list of values used to modify cell attributes for all cells in a column. The position in the comma
Advanced Formatting

More advanced text formatting.

<table>
<thead>
<tr>
<th>Notation</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>(noformat)</em></td>
<td>Makes a preformatted block of text with no syntax highlighting. All the optional parameters of <em>(panel)</em> macro are valid for <em>(noformat)</em> too.</td>
</tr>
<tr>
<td><em>(nopanel)</em></td>
<td>If the value of &quot;nopanel&quot; is true, then the excerpt will be drawn without its surrounding panel.</td>
</tr>
<tr>
<td><em>(panel)</em></td>
<td>Embraces a block of text within a fully customizable panel. The optional parameters you can define are the following ones:</td>
</tr>
<tr>
<td><em>(code)</em></td>
<td>Makes a preformatted block of code with syntax highlighting. All the optional parameters of <em>(panel)</em> macro are valid for <em>(code)</em> too. The default language is <em>Java</em> but you can specify <em>JavaScript</em>, <em>ActionScript</em>, <em>XML</em>, <em>HTML</em> and <em>SQL</em> too.</td>
</tr>
<tr>
<td><em>(index)</em></td>
<td>Displays an index of all the pages in the current space, cross linked and sorted alphabetically.</td>
</tr>
<tr>
<td><em>(content-by-user:fred)</em></td>
<td>Displays a simple table of all the content (pages, comments, news items, user profiles and space descriptions) created by a user (here 'fred').</td>
</tr>
<tr>
<td><em>(search-form)</em> *(search-input:type=text</td>
<td>match=query)* <em>(search-form)</em> <em>(search-results)</em></td>
</tr>
<tr>
<td><em>(chart)</em> <em>(chart:title=Fish Sold)</em> <em>(chart:chartType=Line)</em> <em>(chart:format=MM.yyyy)</em> <em>(chart:period=Month)</em></td>
<td>Displays a chart using data from the supplied table or tables.</td>
</tr>
</tbody>
</table>

1. Chart type parameters - These parameters change what type of chart to display and the way the chart looks.
   - **type** - The type of chart to display. The following chart types are available:
     - **pie** (default)
     - **bar**
     - **line**
     - **area**
   2. XY plots - The standard XY plot has numerical x and y axes. The x values may optionally be time based. See the **timeSeries** parameter.

Separated list corresponds to the column that the values apply to. Each value is a double ;-delimited list of attributeName=value pairs that will be applied to the column cells.

- **enableHeadingAttributes** - By default, any column attributes provided will be applied to the all column rows including heading rows. Set enableHeadingAttributes=false to have the column attributes apply only to data rows.
- **id** - Sets the table id for the table for use in macros (like the chart macro) to identify a specific table.
dataOrientation=vertical|rangeAxisLowerBound=0|colors=blue,gray

- **Orientation** - A bar, line, or area chart will be displayed vertically (y axis is vertical) unless 'orientation=horizontal' is specified.
- **3D** - A pie, bar, or line chart will be shown in 3D if '3D=true' is specified.
- **Stacked** - A bar or area chart will be shown with stacked values if 'stacked=true' is specified.
- **ShowShapes** - Shapes will be shown at each data point in a line chart unless showShapes=false.
- **Opacity** - A percent value between 0 (not visible) and 100 (non-transparent) that determines how opaque the foreground areas and bars display. Defaults are:
  - 75 percent for 3D charts
  - 50 percent for non-stacked area charts
  - 100 percent for all other charts

- **Display control parameters**
  - **width** - The width of the chart in pixels (default is '300')
  - **height** - The height of the chart in pixels (default is '300')
  - **dataDisplay** - Default is false to not display the rendered body of the macro (usually the data tables). When dataDisplay=true or dataDisplay=after, the data will be displayed after the chart. When dataDisplay=before, the data will be displayed before the chart.
  - **imageFormat** - Default is png. Format of generated image. Valid formats are png and jpg. Other formats may be also be valid if installed on your server.

- **Title and label customization parameters**
  - **title** - The title of the chart.
  - **subTitle** - A subtitle for the chart using a smaller font.
  - **xLabel** - The label to use for the x (domain) axis
  - **yLabel** - The label to use for the y (range) axis
  - **legend** - A legend will be displayed unless 'legend=false' is specified.

- **Data specification parameters** - The data for the chart is taken from tables found when the macro body is rendered. These options control how this data is interpreted. By default, numeric and date values are interpreted according to the Confluence global default language (locale) formats. If conversion fails, other languages defined to Confluence will be tried. Additional conversion options can be specified using the parameters below.

- **tables** - Comma separated list of table ids and/or table numbers contained within the body of the macro that will be used as the data for the chart. Defaults to all first level tables. If data tables are embedded in other tables, then table selection will be required. This occurs when more complex formatting is done (for example using (section) and (columns) macros).

- **columns** - Comma separated list of column labels and/or column titles and/or column numbers for tables used for chart data. This applies to all tables processed. Defaults to all columns. Columns are enumerated starting at 1. Column label is the text for the column in the header row. Column title is the (html) title attribute for the column in the header row.

- **dataOrientation** - The data tables will be interpreted as columns (horizontally) representing domain and x values unless 'dataOrientation=vertical'.

- **timeSeries** - If true, the x values in an XY plot will be treated as time series data and so will be converted according to date formats.

- **dateFormat** - For time series data, the date format allows for additional customization of the conversion of data to date values. By default, the Confluence language defined date formats will be used. If a dateFormat is specified, it will be the first format used to interpret date values. Specify a format that matches the format of the time series data. See Date Format.

- **timePeriod** - Specify the time period for time series data. Default is 'Day'. This defines the granularity of how the data is interpreted. Valid values are: Day, Hour, Millisecond, Minute, Month, Quarter, Second, Year.

- **language** - If provided, the language and country specification will be used to create additional number and date formats to be used for data conversion. This specification will be used before the default languages automatically used. Valid values are 2 character ISO 639-1 alpha-2 codes.

- **country** - Used in combination with the language parameter. Valid values are 2 character ISO 3166 codes.

- **forgive** - Default is true to try to convert numeric and date values that do not totally match any of the default or user specified formats. Specify forgive=false to enforce strict date format. Data format errors will cause the chart to not be produced.

- **Color customization parameters** - see Colors for how to specify colors.

- **bgColor** - Color (default is 'white') to use as the background of the chart.

- **borderColor** - Color of a border around the chart. Default is to not show a border.

- **colors** - Comma separated list of colors used to customize category, sections, and series colors.

- **Axis customization parameters** - Depending on the chart type, the range and domain axis may be customized. These values are automatically generated based on the data but can be overridden by specifying one or more of these parameters.

- **rangeAxisLowerBound** - range axis lower bound.

- **rangeAxisUpperBound** - range axis upper bound

- **rangeAxisTickUnit** - range axis units between axis tick marks

- **rangeAxisLabelAngle** - angle for the range axis label in degrees

- **domainAxisLowerBound** - domain axis lower bound. For a date axis, this value must be expressed in the date format specified by the dateFormat parameter

- **domainAxisUpperBound** - domain axis upper bound. For a date axis, this value must be expressed in the date format specified by the dateFormat parameter

- **xyStep**

- **xyStepArea**

- **scatter**

- **timeseries**

- **gantt** - see Gantt Charts.
strings, unquoted letters from

Date and time formats are specified by

Copied from Java SimpleDateFormat specification.

Colors can be specified by name or hex value. See Web-colors. The following are the valid color names that will automatically be converted.

Colors

Copied from Java SimpleDateFormat specification.

Date and time formats are specified by date and time pattern strings. Within date and time pattern strings, unquoted letters from 'A' to 'Z' and from 'a' to 'z' are interpreted as pattern letters representing the components of a date or time string. Text can be quoted using single quotes ('') to avoid interpretation. "*" represents a single quote. All other characters are not interpreted; they're simply copied into the output string during formatting or matched against the input string during parsing.

The following pattern letters are defined (all other characters from 'A' to 'Z' and from 'a' to 'z' are reserved):

Letter | Date or Time Component | Presentation | Examples
--- | --- | --- | ---
E | Era designator | Text | AD
Y | Year | Year | 1996; 96
M | Month in year | Month | July; Jul; 07
<table>
<thead>
<tr>
<th>Pattern</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week in year</td>
<td>Number 27</td>
</tr>
<tr>
<td>Week in month</td>
<td>Number 2</td>
</tr>
<tr>
<td>Day in year</td>
<td>Number 189</td>
</tr>
<tr>
<td>Day in month</td>
<td>Number 10</td>
</tr>
<tr>
<td>Day of week in month</td>
<td>Number 2</td>
</tr>
<tr>
<td>Day in week</td>
<td>Text Tuesday; Text Thu</td>
</tr>
<tr>
<td>Am/pm marker</td>
<td>Text PM</td>
</tr>
<tr>
<td>Hour in day (0-23)</td>
<td>Number 0</td>
</tr>
<tr>
<td>Hour in day (1-24)</td>
<td>Number 24</td>
</tr>
<tr>
<td>Hour in am/pm (0-11)</td>
<td>Number 0</td>
</tr>
<tr>
<td>Hour in am/pm (1-12)</td>
<td>Number 12</td>
</tr>
<tr>
<td>Minute in hour</td>
<td>Number 30</td>
</tr>
<tr>
<td>Second in minute</td>
<td>Number 55</td>
</tr>
<tr>
<td>Millisecond</td>
<td>Number 978</td>
</tr>
<tr>
<td>Time zone</td>
<td>General time zone Pacific Standard Time; PST; GMT-08:00</td>
</tr>
<tr>
<td>Time zone</td>
<td>RFC 822 time zone -0800</td>
</tr>
</tbody>
</table>

Pattern letters are usually repeated, as their number determines the exact presentation:

- **Text**: For formatting, if the number of pattern letters is 4 or more, the full form is used; otherwise a short or abbreviated form is used if available. For parsing, both forms are accepted, independent of the number of pattern letters.
- **Number**: For formatting, the number of pattern letters is the minimum number of digits, and shorter numbers are zero-padded to this amount. For parsing, the number of pattern letters is ignored unless it's needed to separate two adjacent fields.
- **Year**: For formatting, if the number of pattern letters is 2, the year is truncated to 2 digits; otherwise it is interpreted as a number.
  
  For parsing, if the number of pattern letters is more than 2, the year is interpreted literally, regardless of the number of digits. So using the pattern "MM/dd/yyyy", "01/11/12" parses to Jan 11, 12 A.D.
  
  For parsing with the abbreviated year pattern ("y" or "yy"), `SimpleDateFormat` must interpret the abbreviated year relative to some century. It does this by adjusting dates to be within 80 years before and 20 years after the time the `SimpleDateFormat` instance is created. For example, using a pattern of "MM/dd/yy" and a `SimpleDateFormat` instance created on Jan 1, 1997, the string "01/11/12" would be interpreted as Jan 11, 2012 while the string "05/04/64" would be interpreted as May 4, 1964. During parsing, only strings consisting of exactly two digits, will be parsed into the default century. Any other numeric string, such as a one digit string, a three or more digit string, or a two digit string that isn't all digits (for example, "-1"), is interpreted literally. So "01/02/3" or "01/02/003" are parsed, using the same pattern, as Jan 2, 3 AD. Likewise, "01/02/-3" is parsed as Jan 2, 4 BC.
- **Month**: If the number of pattern letters is 3 or more, the month is interpreted as text; otherwise, it is interpreted as a number.
- **General time zone**: Time zones are interpreted as text if they have names. For time zones representing a GMT offset value, the following syntax is used:
  
  ```
  GmtOffsetTimeZone:
  GMT Sign Hours : Minutes
  ```
  
<table>
<thead>
<tr>
<th>Sign</th>
<th>One of</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>-</td>
</tr>
</tbody>
</table>
  
  | Hours | Digit Digit Digit |
  | Minutes | Digit Digit Digit |
  | DIGIT DIGIT DIGIT | DIGIT DIGIT |

  Hours must be between 0 and 23, and Minutes must be between 00 and 59. The format is locale independent and digits must be taken from the Basic Latin block of the Unicode standard.

  For parsing, RFC 822 time zones are also accepted.
- **RFC 822 time zone**: For formatting, the RFC 822 4-digit time zone format is used:
  
  ```
  RFC822TimeZone:
  Sign TwoDigitHours Minutes
  ```
  
  TwoDigitHours must be between 00 and 23. Other definitions are as for general time zones.

  For parsing, general time zones are also accepted.
<table>
<thead>
<tr>
<th>Macro</th>
<th>Description</th>
<th>Parameters</th>
<th>Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>{note:title=Be Careful}</code></td>
<td>Prints a simple note to the user.</td>
<td>title: (optional) the title of the note, icon: (optional) if &quot;false&quot;, dont display the icon.</td>
<td></td>
</tr>
<tr>
<td><code>{warning:title=Warning}</code></td>
<td>Prints a warning note to the user.</td>
<td>title: (optional) the title of the warning, icon: (optional) if &quot;false&quot;, dont display the icon.</td>
<td></td>
</tr>
<tr>
<td><code>{info:title=Useful Information}</code></td>
<td>Prints an informational note.</td>
<td>title: (optional) the title of the information box, icon: (optional) if &quot;false&quot;, dont display the icon.</td>
<td></td>
</tr>
<tr>
<td><code>{tip:title=Handy Hint}</code></td>
<td>Prints a helpful tip for the user.</td>
<td>title: (optional) the title of the tip, icon: (optional) if &quot;false&quot;, dont display the icon.</td>
<td></td>
</tr>
</tbody>
</table>

Performs setup operations for some of the composition macros. Some macros require that this has been put at the top of a page for them to work. It allows page-wide settings for macros. Its contents is a list of properties, as listed below.

**Parameters:**
- defaults - (optional) the link to the default property attachment. E.g. "Home^defaults.txt". This allows easy setting of defaults for multiple pages.

**Properties:**
- **import.css** - The path to the CSS file to import. May be a page attachment (eg. "^style.css") or a regular URL.
- **cloak.memory.duration** - The number of days to remember the state of the page. Set to 0 to disable memory altogether. Defaults to 7 days.
- **cloak.toggle.type** - (optional) The type of toggle to display. May be:
  - default - (default) Blue arrows pointing up or down.
  - custom - Allow custom images as the icons. You must set 'cloak.toggle.open' and 'cloak.toggle.close' when using this option.
  - text - Allow any regular text as the icons. You must set 'cloak.toggle.open' and 'cloak.toggle.close' when using this option.
  - wild - Allow regular wild text (except links). You must set 'cloak.toggle.open' and 'cloak.toggle.close' when using this option.
  - none - No icon will be output at all. You will probably want to make sure that 'cloak.toggle.close' when using this option.
- **cloak.toggle.open** - If 'cloak.toggle.type' is set to 'text' or 'custom', this what the toggle will contain when the cloak contents can be expanded. E.g. If in 'text' mode, a good value might be '+'. If in 'custom' mode, either an absolute URL (http://.../open.gif), a relative URL (/.../open.gif) or a Confluence attachment link ([SPACEKEY]:Page)^open.gif) must be provided.
- **cloak.toggle.close** - If 'cloak.toggle.type' is set to 'text' or 'custom', this is what the toggle will contain when the cloak contents can be hidden. E.g. If in 'text' mode, a good value might be '-'. If in 'custom' mode, either an absolute URL (http://.../close.gif), a relative URL (/.../close.gif) or a Confluence attachment link ([SPACEKEY]:Page)^close.gif) must be provided.
- **cloak.toggle.exclusive** - (optional) If true, all cloaked sections will be exclusive - that is, only the current section will be visible at any given time. Defaults to 'false'.
- **cloak.toggle.zone** - (optional) If true, the paragraph or heading any toggle icons are placed in can also be clicked to toggle the associated cloak section. Defaults to 'true'.
- **deck.memory.duration** - The number of days to remember the state of the decks on the page. Set to 0 to disable memory altogether. Defaults to 7 days.
- **deck.class** - The custom CSS class to apply to all decks
- **deck.tab.location** - 'top', 'bottom' or 'none'. The location of the tab bar.
- **deck.tab.active.border** - The border for the active tab (CSS - eg. '1px dashed black')
- **deck.tab.active.background** - The background for the active tab (CSS - eg. '#40d555')
- **deck.tab.inactive.border** - The border for inactive tabs (CSS)
- **deck.tab.inactive.background** - The background for inactive tabs (CSS)
- **deck.tab.spacer** - The distance between tabs (eg '5px')
- **deck.card.border** - The border for the active card.
- **deck.card.background** - The background for the active card.
- **deck.width/height** - The width and/or height the content will be constrained to (not including any tabs). If not set, the tabs expand to display their content.
<table>
<thead>
<tr>
<th>Macro</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>card:label=Card 1</code></td>
<td>Creates a weekly booking sheet with the list of items able to be booked by logged-in users. All options below such as width, background and padding support valid CSS options for the properties of the same name.</td>
</tr>
<tr>
<td>`show-card:deck=My Deck</td>
<td>card=A Card</td>
</tr>
<tr>
<td><code>id</code></td>
<td>(required) The unique ID of the cloaked section.</td>
</tr>
<tr>
<td><code>visible</code></td>
<td>(optional) If true, the section will be visible initially. Defaults to false.</td>
</tr>
<tr>
<td><code>exclusive</code></td>
<td>(optional) If true, the section will be visible initially. Defaults to false.</td>
</tr>
<tr>
<td><code>label</code></td>
<td>(required) The label to put on the tab.</td>
</tr>
<tr>
<td><code>default</code></td>
<td>(optional) If true, the card will be the default. The last card in the deck marked as 'default' will be the default.</td>
</tr>
<tr>
<td><code>accessKey</code></td>
<td>(optional) The key that, when combined with {{Ctrl}}, will activate the card.</td>
</tr>
<tr>
<td><code>class</code></td>
<td>(optional) The custom CSS class for the tab.</td>
</tr>
<tr>
<td><code>nextAfter</code></td>
<td>The number of seconds the slide will stay visible before moving to the next one. If the deck loops, it will show the next card after the currently-visible one. If the deck loops, it will show the next card after the currently-visible one. If the deck loops, it will show the next card after the currently-visible one. If the deck loops, it will show the next card after the currently-visible one. If the deck loops, it will show the next card after the currently-visible one.</td>
</tr>
<tr>
<td><code>effectType</code></td>
<td>The effect to use when moving to this slide. May be 'fade' or 'none' (the default).</td>
</tr>
<tr>
<td><code>effectDuration</code></td>
<td>The number of seconds the transition will take to complete.</td>
</tr>
<tr>
<td><code>loopCards</code></td>
<td>If true, the deck will loop back to the beginning from the last card and vice versa.</td>
</tr>
<tr>
<td><code>startHidden</code></td>
<td>If set to 'false', the cards will be initially visible on the page until setup is complete.</td>
</tr>
<tr>
<td><code>transitionTime</code></td>
<td>The number of seconds the transition will take to complete.</td>
</tr>
</tbody>
</table>

**Tabbed deck**

<table>
<thead>
<tr>
<th>Macro</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>id</code></td>
<td>The unique ID of the deck section.</td>
</tr>
<tr>
<td><code>side</code></td>
<td>The side the content will float on (left or right).</td>
</tr>
<tr>
<td><code>width</code></td>
<td>The width of the floating content (eg. '100px').</td>
</tr>
<tr>
<td><code>background</code></td>
<td>The background colour or picture settings.</td>
</tr>
<tr>
<td><code>border</code></td>
<td>The border settings.</td>
</tr>
<tr>
<td><code>margin</code></td>
<td>The margin settings.</td>
</tr>
<tr>
<td><code>padding</code></td>
<td>The padding settings.</td>
</tr>
</tbody>
</table>

**Slideshows**

<table>
<thead>
<tr>
<th>Macro</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>deck</code></td>
<td>Creates a new deck of 'cards' - sections of content which are displayed one at a time. By default, tabs similar to those in the default Confluence theme are displayed.</td>
</tr>
<tr>
<td><code>id</code></td>
<td>(required) The unique ID of the deck section.</td>
</tr>
<tr>
<td><code>tabLocation</code></td>
<td>Either 'top', 'bottom' or 'none'. Defaults to 'top'.</td>
</tr>
<tr>
<td><code>class</code></td>
<td>The custom CSS class the deck will be placed in.</td>
</tr>
<tr>
<td><code>height</code></td>
<td>The height the content will be constrained to (not including any tabs).</td>
</tr>
<tr>
<td><code>width</code></td>
<td>The width the content will be constrained to (not including any tabs).</td>
</tr>
<tr>
<td><code>csid</code></td>
<td>The custom CSS id the deck will be placed in.</td>
</tr>
<tr>
<td><code>exclusive</code></td>
<td>(optional) If true, the section will be visible initially. Defaults to false.</td>
</tr>
<tr>
<td><code>startHidden</code></td>
<td>If set to 'false', the cards will be initially visible on the page until setup is complete.</td>
</tr>
<tr>
<td><code>transitionTime</code></td>
<td>The number of seconds the transition will take to complete.</td>
</tr>
<tr>
<td><code>margin</code></td>
<td>The margin settings.</td>
</tr>
<tr>
<td><code>border</code></td>
<td>The border settings.</td>
</tr>
<tr>
<td><code>background</code></td>
<td>The background colour or picture settings.</td>
</tr>
</tbody>
</table>

**Caches**

<table>
<thead>
<tr>
<th>Macro</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>cache</code></td>
<td>Caches the rendered contents of the body of this macro. Very useful when using macros that might be slow to render content, but where it does not really need to be dynamically generated for each and every request. Specifically, this can improve performance for accessing dynamic data from sql, excel, and similar macros. Cache will be refreshed if the body of the macro changes or if attachments to this page have been added, removed, or have newer versions. The cache applies to all users that view this page.</td>
</tr>
<tr>
<td><code>refresh</code></td>
<td>The cache refresh period. Default is a day. A number will be treated as seconds. A number followed by one of the following characters will be treated as follows:</td>
</tr>
</tbody>
</table>

**Optional Parameters**

- `refresh` Cache refresh period. Default is a day. A number will be treated as seconds. A number followed by one of the following characters will be treated as follows: s - seconds.
m - minutes.
  h - hours.
  d - days.

Any data after a s, m, h, or d is ignored. For example, 10days is the same as 10d or 10 days.

- **cron** - Cron-like expression for finer grained expiration. See [Cron Expressions](http://confluence.atlassian.com/renderer/notationhelp.action?section=all).
- **showRefresh** - Show a refresh icon if showRefresh=true. Default is false. When the refresh icon is clicked, the cache for this macro will be discarded forcing the data to be regenerated.
- **title** - Title to show when mouse is over the refresh icon. Default is "Refresh".

Based on [OSCache](http://confluence.atlassian.com/renderer/notationhelp.action?section=all).

---

### Slideshow

Provides the ability to collaborate with others in creating slide shows using simple Confluence markup. This takes advantage of the versioning and sharing capabilities of Confluence to make creating and maintaining slide shows productive. Confluence content can be easily included in the flow of the slide show. Slide re-use is simple. Viewers can quickly review the content in full screen or inline mode with no additional software. Parameters can be provided and they will be used to replace parameters in the body prior to rendering.

**Parameters**

- **title** - The title of the slide show. Can also be specified as the default parameter. Default is the title of the page.
- **subtitle** - An additional title for the slide show. Default is blank.
- **authors** - A comma separated list of author names. User ids will automatically convert to real names with profile links. Names containing commas must be enclosed double quotes (".
- **theme** - Defaults to the default theme. Valid theme names are default and simple.
- **showInline** - Default is true. Set to false to hide inline display of charts on the page.
- **showInline** - Default is true. Set to false to hide inline display of charts on the page.
- **showInline** - Default is true. Set to false to hide inline display of charts on the page.
- **showLabel** - Default is Show. Text for the show and inline buttons.
- **hideLabel** - Default is Hide. Text for the show and inline buttons.
- **inlineLabel** - Default is inline. Text for the inline button.
- **authorsLabel** - Default is blank. Text in front of the list of authors.

---

### RSVP

Usage

- **admin** - Allows you to specify a group or a user who can administrate the plugin.

```
{rsvp:admin=confluence-users}
```

allows all users in the confluence-users group to administrate this plugin.

```
{rsvp:admin=john_foo}
```

allows only john to administrate this plugin.

Confluence Administrators can always administrate this plugin.

**Example**

### Attend Event

<table>
<thead>
<tr>
<th>Name</th>
<th>Company</th>
<th>Admin</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Foo</td>
<td>Atlassian</td>
<td>Aug 28, 2006</td>
</tr>
<tr>
<td>Peter Bar</td>
<td>Atlassian</td>
<td>Aug 28, 2006</td>
</tr>
<tr>
<td>Frank E. Stein</td>
<td>Atlassian</td>
<td>Aug 28, 2006</td>
</tr>
</tbody>
</table>

---

### Confluence Content

Ways to include, summarise or refer to other Confluence content.

<table>
<thead>
<tr>
<th>Notation</th>
<th>Comment</th>
</tr>
</thead>
</table>

---
Confluence is a knowledge-sharing application that enables teams to communicate more effectively. This excerpt will be recorded, but will not be displayed on the page.

This excerpt will be recorded, but will not be displayed on the page.

Includes one page within another (this example includes a page called "Home"). Pages from another space can be included by prefacing the page title with a space key and a colon.

Includes the excerpt from one page (see the excerpt macro) within another. The included page must be in the same space as the page on which the macro is used.

Includes one page within another (this example includes a page called "Home"). Pages from another space can be included by prefacing the page title with a space key and a colon.

The user viewing the page must have permission to view the page being included, or it will not be displayed.

Includes the excerpt from one page (see the excerpt macro) within another. The included page must be in the same space as the page on which the macro is used.

Does an inline site search.

Example:

Found 2 result(s) for home

<table>
<thead>
<tr>
<th>Title (Space)</th>
<th>Updated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Home (My Space)</td>
<td>Jan 06, 2004 by fred</td>
</tr>
</tbody>
</table>

Displays the children and descendants of the current page. Specify 'all=true' to show all descendants of this page, or depth=x (where x is any number > 0) to show that many levels of descendants.

The 'style' attribute can be any of 'h1' through 'h6'. If you specify a style, the top level of child pages will be displayed as headings of that level, with their children then displayed as lists below. A great way to throw together a quick contents page!

You can view the children of a different page in the same space with {children:page=Another Page Title}.

If you specify a page of "/", you will list all the pages in the space with no parent (i.e. the top-level pages), excluding the current page.

If you specify a page of "FOO:" (the colon is required), you will list all the pages with no parent in the space with key "FOO".

Specify 'excerpt=true' to also display the first line of the pages excerpt (see the excerpt macro) if it exists.

Example:

The 'sort' attribute is an optional attribute that allows you to configure how the children are sorted. Specify 'creation' to sort by content creation date, 'title' to sort alphabetically on title and 'modified' to sort of last modification date. Use the reverse attribute to optionally reverse the sorting.

The 'first' attribute allows you to restrict the number of children displayed at the top level.

Displays the most recent news items in this space. The first parameter controls how many news items to display (default: 15)

The content parameter lets you choose whether to display each news item in its entirety (the default), just short excerpts from each item (see the excerpt macro), or just a list of posts titles.

The time parameter lets you choose how far back to look for news items. For example, "time=12h" would show you those items made in the last twelve hours, and "time=7d" would show items made in the last week. (The default is no limit)

The labels parameter lets you specify a list of labels that will be used to filter the blog posts that are returned. By default, blog posts that match any of the specified labels are returned. To return the blog posts that match all of the specified labels, add match-labels=all as a parameter.

The spaces parameter lets you specify a list of spaces that the posts will come from.
Embeds an object in a page, taking in a comma-separated of properties.

Default supported formats:
- Flash (.swf)
- Quicktime movies (.mov)
- Windows Media (.wmn, .wmv)
- Real Media (.rm, .ram)
- MP3 files (.mp3)

Other types of files can be used, but may require the specification of the "classid", "codebase" and "pluginspage" properties in order to be recognised by web browsers.

Common properties are:
- width - the width of the media file
- height - the height of the media file
- id - the ID assigned to the embedded object

Due to security issues, files located on remote servers are not permitted

Styling
By default, each embedded object is wrapped in a "div" tag. If you wish to style
the div and its contents, override the "embeddedObject" CSS class. Specifying an
ID as a property also allows you to style different embedded objects differently.
CSS class names in the format "embeddedObject-ID" are used.

Create a list of pages which link to the current page. Wiki content may be
included as the body to be shown if no links exist.

Display Options

- page - The page to search on.
- mode - The mode in which incoming links are displayed. Available modes:
  - list - Links are displayed in a bullet-pointed list.
  - flat - Links are displayed in a single row, with a separator between
  each item.
- separator - The style of separator to have. Defaults to ', ' when in flat
  mode. Available separators:
  - brackets - Each item is surrounded by square brackets ('[ and ']').
  - braces - Each item is surrounded by curly braces ('{ and '}').
  - parens - Each item is surrounded by parentheses ('(' and ')').
  - pipe - Each item is separated by a pipe ('|').
  - other - The value is the separator.
- style - The style of the bullet points. Some styles may not be available
  depending on the mode. Available styles:
  - icons - displays the Confluence page-type icon (default)
  - none - no bullet point displayed
  - other CSS styles - disc, square, upper-roman, lower-roman, etc.
- excerpt - Will output any excerpts which have been set on the linking
  page.
- sort - Allows the sort order to be specified. More than one sort may be
  specified and they will be processed in order. Also, each sort item may be
  followed by 'desc' to indicate the item should be sorted in descending
  order. Eg. "modification date desc, natural title". Valid options are:
  - natural title - Sorted by the unicode-safe natural order of the
    content title. (Default)
  - exact title - Sorted by the exact content title.
  - creation date - Sorted by the creation date of the content.
  - modification date - Sorted by the last-modified date of the
    content.
  - space key - Sorted by the space key the content is contained in.
  - space name - Sorted by the unicode-safe natural order of the
    space name.
- maxResults - Outputs up to this number of results. Default is unlimited.

Filtering Options

In general, all filtering parameters are lists of optional, required or excluded
values. Optional items simply list the value, required items are prefixed with a '+',
and excluded values are prefixed with a '-'. Each value is separated by a ',' or a
';'. For example, to specify that only content which has the "foo" label but not the
"bar" label would look like this:

labels=foo, -bar

If you need to specify a value which contains any of the special characters
(namely +, -, ; and comma), just wrap it in a set of quotes. Eg:

labels="foo-bar"

This will work for all filter properties below.

- scope - List of pages, news items, etc which are in scope. If the content is
  a page, the scope can be expanded to their children, descendents or
  ancestors:
  - >children - The direct children of the specified page. Eg. 
    'scope=My Page>children'
  - >descendents - All descendents of the specified page. Eg.
    'scope=My Page>descendents'
>ancestors - All ancestors of the specified page. Eg. 'scope=My Page>ancestors'

labels - List of label checks. Eg. "one, +two, -three" would list content which had the "two" label but not the "three" label.

spaces - Will only list linking pages in the specified spaces. Spaces should be comma-separated. May also be one of the following special values:
  - @all - All spaces, both personal and global
  - @personal - All personal spaces
  - @global - All non-personal spaces
  - @favourites - All the current user's favourite spaces

types - Will only list linking pages of the specified types. Types should be comma-separated. Valid types include:
  - page - Wiki pages
  - news - Blog/News posts
  - comment - Page or blog comments
  - spacedescription - Space description
  - userinfo - User profile
  - attachment - An attachment
  - mail - Mail archive
  - mailto - A 'mailto' link
  - url - An external URL
  - unresolved - An unresolved link.

Creates a list of pages, websites and email addresses the current page links to. Wiki content may be included as the body to be shown if no links exist.

Display Options

- page - The page to search on.
- mode - The mode in which links are displayed. Available modes:
  - list - Links are displayed in a bullet-pointed list.
  - flat - Links are displayed in a single row, with a separator between each item.
- separator - The style of separator to have. Defaults to ', , ', when in flat mode. Available separators:
  - brackets - Each item is surrounded by square brackets ('[ ]').
  - braces - Each item is surrounded by curly braces ('{ }').
  - parens - Each item is surrounded by parentheses ('( )').
  - pipe - Each item is separated by a pipe ('|').
  - other - The value is the separator.
- style - The style of the bullet points. Some styles may not be available depending on the mode. Available styles:
  - icons - displays the Confluence page-type icon (default)
  - none - no bullet point displayed
  - other CSS styles - disc, square, upper-roman, lower-roman, etc
- excerpt - Will output any excerpts which have been set on the linking page.
- sort - Allows the sort order to be specified. More than one sort may be specified and they will be processed in order. Also, each sort item may be followed by 'desc' to indicate the item should be sorted in descending order. Eg. "modification date desc, natural title". Valid options are:
  - natural title - Sorted by the unicode-safe natural order of the content title. (Default)
  - exact title - Sorted by the exact content title.
  - creation date - Sorted by the creation date of the content.
  - modification date - Sorted by the last-modified date of the content.
  - space key - Sorted by the space key the content is contained in.
  - space name - Sorted by the unicode-safe natural order of the space name.
- maxResults - Outputs up to this number of results. Default is unlimited.

Filtering Options

In general, all filtering parameters are lists of optional, required or excluded values. Optional items simply list the value, required items are prefixed with a '+', and excluded values are prefixed with a '-'. Each value is separated by a ',' or a ';'. For example, to specify that only content which has the "foo" label but not the "bar" label would look like this:

```
labels=foo, -bar
```

If you need to specify a value which contains any of the special characters (namely +, -, ; and comma), just wrap it in a set of quotes. Eg:

```
labels="foo-bar"
```

This will work for all filter properties below.

- scope - List of pages, news items, etc which are in scope. If the content is a page, the scope can be expanded to their children, descendents or ancestors:
  - >children - The direct children of the specified page. Eg. 'scope=My Page>children'
  - >descendents - All descendents of the specified page. Eg. 'scope=My Page>descendents'
  - >ancestors - All ancestors of the specified page. Eg. 'scope=My Page>ancestors'
- labels - List of label checks. Eg. "one, +two, -three" would list content which had the "two" label but not the "three" label.
- spaces - Will only list linking pages in the specified spaces. Spaces should
be comma-separated. May also be one of the following special values:

- @all - All spaces, both personal and global
- @personal - All personal spaces
- @global - All non-personal spaces
- @favourites - All the current user's favourite spaces

- types - Will only list linking pages of the specified types. Types should be comma-separated. Valid types include:
  - page - Wiki pages
  - news - Blog/News posts
  - comment - Page or blog comments
  - spacedescription - Space description
  - userinfo - User profile
  - attachment - An attachment
  - mail - Mail archive
  - mailto - A 'mailto' link
  - url - An external URL.
  - unresolved - An unresolved link.

Creates a list of pages which do not have any other pages linking to them. Wiki content may be included as the body to be shown if no links exist.

Display Options

- page - The page to search on.
- mode - The mode in which links are displayed. Available modes:
  - list - Links are displayed in a bullet-pointed list.
  - flat - Links are displayed in a single row, with a separator between each item.
- separator - The style of separator to have. Defaults to ',' when in flat mode. Available separators:
  - brackets - Each item is surrounded by square brackets ('[' and ']').
  - braces - Each item is surrounded by curly braces ('{' and '}').
  - parens - Each item is surrounded by parentheses ('(' and ')').
  - pipe - Each item is separated by a pipe ('|').
  - other - The value is the separator.
- style - The style of the bullet points. Some styles may not be available depending on the mode. Available styles:
  - icons - displays the Confluence page-type icon (default)
  - none - no bullet point displayed
  - other CSS styles - disc, square, upper-roman, lower-roman, etc
- excerpt - Will output any excerpts which have been set on the linking page.
- sort - Allows the sort order to be specified. More than one sort may be specified and they will be processed in order. Also, each sort item may be followed by 'desc' to indicate the item should be sorted in descending order. Eg. "modification date desc, natural title". Valid options are:
  - natural title - Sorted by the unicode-safe natural order of the content title. (Default)
  - exact title - Sorted by the exact content title.
  - creation date - Sorted by the creation date of the content.
  - modification date - Sorted by the last-modified date of the content.
  - space key - Sorted by the space key the content is contained in.
  - space name - Sorted by the unicode-safe natural order of the space name.
- maxResults - Outputs up to this number of results. Default is unlimited.

Filtering Options

In general, all filtering parameters are lists of optional, required or excluded values. Optional items simply list the value, required items are prefixed with a '+', and excluded values are prefixed with a '-'. Each value is separated by a ',' or a ';'. For example, to specify that only content which has the "foo" label but not the "bar" label would look like this:

```
labels=foo, -bar
```

If you need to specify a value which contains any of the special characters (namely +, -, *, ;, and comma), just wrap it in a set of quotes. Eg:

```
labels="foo-bar"
```

This will work for all filter properties below.

- scope - List of pages, news items, etc which are in scope. If the content is a page, the scope can be expanded to their children, descendents or ancestors:
  - >children - The direct children of the specified page. Eg. 'scope=My Page>children'
  - >descendents - All descendents of the specified page. Eg. 'scope=My Page>descendents'
  - >ancestors - All ancestors of the specified page. Eg. 'scope=My Page>ancestors'
- labels - List of label checks. Eg. "one, +two, -three" would list content which had the "two" label but not the "three" label.
- spaces - Will only list linking pages in the specified spaces. Spaces should be comma-separated. May also be one of the following special values:
  - @all - All spaces, both personal and global
  - @personal - All personal spaces
  - @global - All non-personal spaces
  - @favourites - All the current user's favourite spaces
Notation Guide - Confluence

http://confluence.atlassian.com/renderer/notationhelp.action?section=all

- **types** - Will only list linking pages of the specified types. Types should be comma-separated. Valid types include:
  - page - Wiki pages
  - news - Blog/News posts
  - comment - Page or blog comments
  - spacedescription - Space description
  - userinfo - User profile
  - attachment - An attachment
  - mail - Mail archive
  - mailto - A 'mailto' link
  - url - An external URL
  - unresolved - An unresolved link.

Creates a list of pages which are linked to but have not yet been created. Wiki content may be included as the body to be shown if no links exist.

**Display Options**

- **page** - The page to search on.
- **mode** - The mode in which links are displayed. Available modes:
  - list - Links are displayed in a bullet-pointed list.
  - flat - Links are displayed in a single row, with a separator between each item.
- **separator** - The style of separator to have. Defaults to ',' when in flat mode. Available separators:
  - brackets - Each item is surrounded by square brackets ('[' and ']').
  - braces - Each item is surrounded by curly braces ('{' and '}').
  - parens - Each item is surrounded by parentheses ('(' and ')').
  - pipe - Each item is separated by a pipe ('|').
  - other - The value is the separator.
- **style** - The style of the bullet points. Some styles may not be available depending on the mode. Available styles:
  - icons - displays the Confluence page-type icon (default)
  - none - no bullet point displayed
  - other CSS styles - disc, square, upper-roman, lower-roman, etc
- **excerpt** - Will output any excerpts which have been set on the linking page.
- **sort** - Allows the sort order to be specified. More than one sort may be specified and they will be processed in order. Also, each sort item may be followed by 'desc' to indicate the item should be sorted in descending order. Eg. "modification date desc, natural title". Valid options are:
  - natural title - Sorted by the unicode-safe natural order of the content title. (Default)
  - exact title - Sorted by the exact content title.
  - creation date - Sorted by the creation date of the content.
  - modification date - Sorted by the last-modified date of the content.
  - space key - Sorted by the space key the content is contained in.
  - space name - Sorted by the unicode-safe natural order of the space name.
- **maxResults** - Outputs up to this number of results. Default is unlimited.

**Filtering Options**

In general, all filtering parameters are lists of optional, required or excluded values. Optional items simply list the value, required items are prefixed with a '+', and excluded values are prefixed with a '-'. Each value is separated by a ',' or a ';'. For example, to specify that only content which has the "foo" label but not the "bar" label would look like this:

```
lables=foo, -bar
```

If you need to specify a value which contains any of the special characters (namely +, -, *, ;, and comma), just wrap it in a set of quotes. Eg:

```
lables="foo-bar"
```

This will work for all filter properties below.

- **scope** - List of pages, news items, etc which are in scope. If the content is a page, the scope can be expanded to their children, descendants or ancestors:
  - >children - The direct children of the specified page. Eg. 'scope=My Page>children'
  - >descendants - All descendants of the specified page. Eg. 'scope="My Page">descendants'
  - >ancestors - All ancestors of the specified page. Eg. 'scope=My Page>ancestors'
- **labels** - List of label checks. Eg. "one, +two, -three" would list content which had the "two" label but not the "bar" label would look like this:

```
lables=foo, -bar
```

If you need to specify a value which contains any of the special characters (namely +, -, *, ;, and comma), just wrap it in a set of quotes. Eg:

```
lables="foo-bar"
```

This will work for all filter properties below.

- **spaces** - Will only list linking pages in the specified spaces. Spaces should be comma-separated. May also be one of the following special values:
  - @all - All spaces, both personal and global
  - @personal - All personal spaces
  - @global - All non-personal spaces
  - @favourites - All the current user's favourite spaces
- **types** - Will only list linking pages of the specified types. Types should be comma-separated. Valid types include:
  - page - Wiki pages
  - news - Blog/News posts
  - comment - Page or blog comments
Supplying a groups value will list only members of those groups. The groups value supports a comma separated list of group-names.

Specifying the online value allows you to filter the user list by the user online status. Setting online=true will show only online users, whereas setting online=false will show only offline users.

Creates a Table of Contents for headings on the the current page.

- **type** (optional) The type of output. May be one of the following:
  - list (default) The headings are output in hierarchical list format.
  - flat - The headings are listed on a single line with a separator between them.
- **class** (optional) If specified, the TOC will be output with the specified CSS class. Also, if set, no other style values will be output.
- **style** (optional) The style of the list items if in list mode. The style may be any of the following:
  - none (default) Headings are output in indented lists with no bullet points or numbers prefixing them.
  - any CSS style - Headings are output in indented lists with the specified CSS style.
- **outline** (optional) If set to 'true', each item will be prefixed with a number in the format 'X.Y'. The numbers will increase automatically, and extra levels will be added for lower-level headings.
- **indent** (optional) The amount to indent each list sub-heading by (default is '10px').
- **separator** (optional) The type of separator to use if the style is 'flat'. May be one of the following:
  - bracket - Square brackets ('[', ']') surrounding each item. (default)
  - brace - Braces ('{', '}') surrounding each item.
  - comma - A comma (',') between each item.
  - pipe - A pipe ('|') between each item.
  - newline - A line break after each item.
  - "custom" - Any other character you wish, specified between quotes.
- **minLevel** (optional) The lowest heading level to include (inclusive). (default is 1).
- **maxLevel** (optional) The highest heading level to include (inclusive). (default is 7).
- **includePages** (optional) If 'true', any included Confluence pages will be imported and listed.
- **include** (optional) If set, any headings not matching the regular expression will be ignored. Due to ';' being the parameter separator in macros, use ',' where you would have usually used '|'.
- **exclude** (optional) If set, any headings matching the regular expression will be excluded. Due to '{' being the parameter separator in macros, use ',' where you would have usually used '|'.
- **printable** (optional) If set to 'false', the table of contents will not be visible when being printed.

Creates a Table of Contents for headings contained in the macro body.

- **location** (optional) The location to have the table of contents output. May be 'top' or 'bottom'. If not set, it will be output at both locations.
- **type** (optional) The type of output. May be one of the following:
  - list (default) The headings are output in hierarchical list format.
  - flat - The headings are listed on a single line with a separator between them.
- **class** (optional) If specified, the TOC will be output with the specified CSS class. Also, if set, no other style values will be output.
- **style** (optional) The style of the list items if in list mode. The style may be any of the following:
  - none (default) Headings are output in indented lists with no bullet points or numbers prefixing them.

Lists users registered in Confluence.

By default will list every user in the system (not recommended for installations with large numbers of users).

If no parameters are specified the root of the tree will be the current page, a different root page can be specified by providing the page to the rootPage parameter.
### Notation Guide - Confluence

> any CSS style - Headings are output in indented lists with the specified CSS style.

- **outline** - (optional) If set to 'true', each item will be prefixed with a number in the format 'X.Y'. The numbers will increase automatically, and extra levels will be added for lower-level headings.
- **indent** - (optional) The amount to indent each list sub-heading by (default is '10px').
- **separator** - (optional) The type of separator to use if the style is 'flat'. May be one of the following:
  - **bracket** - Square brackets ('[', ']') surrounding each item. (default)
  - **brace** - Braces ('{', '}') surrounding each item.
  - **comma** - A comma (',') between each item.
  - **pipe** - A pipe ('|') between each item.
  - **newline** - A line break after each item.
  - "custom" - Any other character you wish, specified between quotes.
- **minLevel** - (optional) The lowest heading level to include (inclusive). (default is 1).
- **maxLevel** - (optional) The highest heading level to include (inclusive). (default is 7).
- **includePages** - (optional) If 'true', any included Confluence pages will be imported and listed.
- **include** - (optional) If set, any headings not matching the regular expression will be ignored. Due to '|' being the parameter separator in macros, use ',' where you would have usually used '|'.
- **exclude** - (optional) If set, any headings matching the regular expression will be excluded. Due to '|' being the parameter separator in macros, use ',' where you would have usually used '|'.
- **printable** - (optional) If set to 'false', the table of contents will not be visible when being printed.

---

### Table Options

- **groupby** - (optional) Specify if the table should be grouped by contributors or pages. Default value is contributors
- **columns** - (optional) Specify the columns that should appear in the table as a comma separated list. Default value is edits,comments,labels. Valid values:
  - **edits** Edit Count Column
  - **comments** Comment Count Column
  - **labels** Label Count Column
  - **labeled** List of pages or contributors
  - **labellist** List of labels
  - **watches** Watch Count Column
  - **watching** List of pages or contributors
- **order** - (optional) The order the contributors or pages will appear in. By default the table is ordered by the number of edits.
  - **edits** Orders the list with the highest number of edits first in the list
  - **name** Orders the list by name alphabetically
  - **editTime** Orders the list by the time they last edit time
  - **update** Order by the last update time of any content
- **reverse** - (optional) If true the sort order will be reversed.
- **limit** - (optional) Limit the number of contributors displayed to this amount
- **showAnonymous** - (optional) Show edits by anonymous users. Default is false.

### Page Searching Options

The following parameters control what pages are used to build the contributors list.

- **page** The page to count statistics from. If no spaces or labels are specified this will default to the current page.
- **labels** The label to use to search for pages. Multiple labels can be specified in a comma separated list. (A page will match if it has any of the labels.)
- **spaces** Specify the space for the page or labels parameter. Multiple spaces can be specified in a comma separated list. If no pages or labels are specified all pages from the space will be included. The following shortcut labels can also be used:
  - **@all** All Spaces
  - **@global** All Global Spaces
  - **@personal** All Personal Spaces
- **contentType** Valid options are:
  - **pages**
  - **blogposts**
  - **publishDate** specify the publish date for a blog post. The date format expected is: YYYY/mm/dd
  - **scope** For each of the pages found this parameter lets you include the children or descendants. (Each page will only be counted once if it is already in the list.)
  - **children** include statistics from the immediate children of the page
  - **descendants** include statsis from all descendents of the page
<table>
<thead>
<tr>
<th>Key</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>{include-random}</td>
<td></td>
</tr>
<tr>
<td>(include:ParentPageTitle)</td>
<td></td>
</tr>
<tr>
<td>(include:pageTitle=ParentPageTitle</td>
<td>spaceKey=FOO)</td>
</tr>
<tr>
<td>(include-random:None)</td>
<td></td>
</tr>
<tr>
<td>(include-random:link=true)</td>
<td></td>
</tr>
<tr>
<td>(include-random:path=true)</td>
<td></td>
</tr>
<tr>
<td>(include-random:all=true)</td>
<td></td>
</tr>
<tr>
<td>(include-random:depth=2)</td>
<td></td>
</tr>
<tr>
<td>(include-random:type=page)</td>
<td></td>
</tr>
<tr>
<td>(include-random:panelTitle=Tip Of The Day</td>
<td>panelBorderStyle=dashed)</td>
</tr>
<tr>
<td>(include-random:macro=info</td>
<td>panelTitle=Tip Of The Day)</td>
</tr>
</tbody>
</table>

**Display Options**
- **Include** - (optional) What type of content from the pages to base the contributor list (and the counts) on. Multiple values can be specified with a comma separated list.
  - authors: Include page authors (default).
  - comments: Include page comments.
  - labels: Include page labels.
  - watches: Include page watches.
- **order** - (optional) The order the contributors will appear in.
  - count: Order by the total count (default).
  - name: Order by the names of the contributors.
  - update: Order by the last update time.
- **reverse** - (optional) If true the sort order will be reversed.
- **limit** - (optional) Limit the number of contributors initially displayed to this amount.
- **mode** - (optional) Sets the display mode of the macro.
  - inline: The contributors will be displayed across the screen (default).
  - list: The contributors will be displayed in a list down the screen.
- **showAnonymous** - (optional) Show edits by anonymous users. Default is false.
- **showCount** - (optional) Show the count for each user. Default is false.
- **showLastTime** - (optional) Show the last time a contribution was made by each user for any content specified by the include parameter. Default is false.

**Page Searching Options**
The following parameters control what pages are used to build the contributors list.
- **page** - The page to count statistics from. If no spaces or labels are specified this will default to the current page.
- **labels** - The label to use to search for pages. Multiple labels can be specified in a comma separated list. (A page will match if it has any of the labels.)
- **spaces** - Specify the space for the page or labels parameter. Multiple spaces can be specified in a comma separated list. If no pages or labels are specified all pages from the space will be included. The following shortcut labels can also be used:
  - @all: All Spaces
  - @global: All Global Spaces
  - @personal: All Personal Spaces
- **contentType** - Valid options are:
  - pages
  - blogposts
- **publishDate** - Specify the publish date for a blog post. The date format expected is: YYYY/mm/dd
- **scope** - For each of the pages found this parameter lets you include the children or descendants. (Each page will only be counted once if it is already in the list.)
  - children: include statistics from the immediate children of the page.
  - descendants: include stats from all descendants of the page.

**Advanced Options**
- **showPages** - show a list of pages returned above the list. Useful for debugging.
- **noneFoundMessage** - override the default message that is displayed when no contributors are found.
- **patterns** - (optional) comma separated list of regular expressions. Only file names matching one of these are displayed.
- **old** - (optional) if "true", display old versions of attachments as well.
- **upload** - (optional) if "true", allow the upload of new attachments.
- **showAnonymous** - (optional) Show edits by anonymous users. Default is false.
- **showCount** - (optional) Show the count for each user. Default is false.
- **showLastTime** - (optional) Show the last time a contribution was made by each user for any content specified by the include parameter. Default is false.
- **order** - (optional) The order the contributors will appear in.
  - count: Order by the total count (default).
  - name: Order by the names of the contributors.
  - update: Order by the last update time.
- **reverse** - (optional) If true the sort order will be reversed.
- **limit** - (optional) Limit the number of contributors initially displayed to this amount.
- **mode** - (optional) Sets the display mode of the macro.
  - inline: The contributors will be displayed across the screen (default).
  - list: The contributors will be displayed in a list down the screen.
- **showAnonymous** - (optional) Show edits by anonymous users. Default is false.
- **showCount** - (optional) Show the count for each user. Default is false.
- **showLastTime** - (optional) Show the last time a contribution was made by each user for any content specified by the include parameter. Default is false.
- **page** - The page to count statistics from. If no spaces or labels are specified this will default to the current page.
- **labels** - The label to use to search for pages. Multiple labels can be specified in a comma separated list. (A page will match if it has any of the labels.)
- **spaces** - Specify the space for the page or labels parameter. Multiple spaces can be specified in a comma separated list. If no pages or labels are specified all pages from the space will be included. The following shortcut labels can also be used:
  - @all: All Spaces
  - @global: All Global Spaces
  - @personal: All Personal Spaces
- **contentType** - Valid options are:
  - pages
  - blogposts
- **publishDate** - Specify the publish date for a blog post. The date format expected is: YYYY/mm/dd
- **scope** - For each of the pages found this parameter lets you include the children or descendants. (Each page will only be counted once if it is already in the list.)
  - children: include statistics from the immediate children of the page.
  - descendants: include stats from all descendants of the page.

**Prints a list of attachments**
- **patterns** - (optional) comma separated list of regular expressions. Only file names matching one of these are displayed.
- **old** - (optional) if "true", display old versions of attachments as well.
- **upload** - (optional) if "true", allow the upload of new attachments.

**Arguments**
- All boolean arguments (with true/false values) might either be defined as key-value pair like @personal=true or as value-only. The latter form is the same as key=true. The default for all boolean arguments is false. Mind that the first argument either has to be the parent page's title or a key-value pair. So if you don't specify the parent page use e. g. @page=true instead of only the keyword @page.
- **all** - (Boolean) If true all descendants of the parent page will be used to choose from for random include. This overrides any depth settings.
- **depths** - (Integer, default: 1) Up to which depth descendants of the parent page should be used to choose from for random include. To enable unlimited depth use the all argument.
The included content to be shown if no links exist.

**Display Options**

- **page** - The page to search on.
- **mode** - The mode in which incoming links are displayed. Available modes:
  - **list** - Links are displayed in a bullet-pointed list.
  - **flat** - Links are displayed in a single row, with a separator between each item.
- **separator** - The style of separator to have. Defaults to ``, `` when in flat mode. Available separators:
  - **brackets** - Each item is surrounded by square brackets (`[' and ']'`).
  - **braces** - Each item is surrounded by curly braces (`{' and '}`).
  - **parens** - Each item is surrounded by parentheses (`'(' and ')').
  - **pipe** - Each item is separated by a pipe (`|`).
  - **other** - The value is the separator.
- **style** - The style of the bullet points. Some styles may not be available depending on the mode. Available styles:
  - **icons** - displays the Confluence page-type icon (default)
  - **none** - no bullet point displayed
  - **other CSS styles** - disc, square, upper-roman, lower-roman, etc
- **excerpt** - Will output any excerpts which have been set on the linking page.
- **sort** - Allows the sort order to be specified. Valid options are:
  - **natural** - Sorted by the unicode-safe natural order of the content title. (Default)
  - **creation** - Sorted by the creation date of the content.
  - **modified** - Sorted by the last-modified date of the content.
  - **bitwise** - Internal confluence local-independent sort. Can only be used if type is 'page'.
  - **reverse** - Reverses whichever sort order has been chosen
- **maxResults** - Outputs up to this number of results. Default is unlimited.

**Filtering Options**

In general, all filtering parameters are lists of optional, required or excluded values. Optional items simply list the value, required items are prefixed with a `+`, and excluded values are prefixed with a `-`. Each value is separated by a `+` or `-`. For example, to specify that only content which has the "foo" label but not the "bar" label would look like this:

```
lables=foo, -bar
```

If you need to specify a value which contains any of the special characters (namely +, - , ; and comma), just wrap it in a set of quotes. E.g:

```
lables="foo-bar"
```

This will work for all filter properties below.

- **scope** - List of pages, news items, etc which are in scope. If the content is
a page, the scope can be expanded to their children, descendents or ancestors:

- **children** - The direct children of the specified page. Eg. 'scope=My Page>children'
- **descendants** - All descendents of the specified page. Eg. 'scope=My Page>descendents'
- **ancestors** - All ancestors of the specified page. Eg. 'scope=My Page>ancestors'

- **labels** - List of label checks. Eg. "one, +two, -three" would list content which had the "two" label but not the "three" label.

- **spaces** - Will only list linking pages in the specified spaces. Spaces should be comma-separated. May also be one of the following special values:
  - @all - All spaces, both personal and global
  - @personal - All personal spaces
  - @global - All non-personal spaces
  - @favourites - All the current user's favourite spaces

- **types** - Will only list linking pages of the specified types. Types should be comma-separated. Valid types include:
  - page - Wiki pages
  - news - Blog/News posts
  - comment - Page or blog comments
  - spacedescription - Space description
  - userinfo - User profile
  - attachment - An attachment
  - mailto - A 'mailto' link
  - url - An external URL
  - unresolved - An unresolved link

---

{outgoing-links}No links exist{outgoing-links}

(outgoing-links:style=square|excerpt=true)

(outgoing-links:scope=Another Page>children)

(outgoing-links:scope=A Different Page>descendents)

(outgoing-links:spaces=MYSPACE)

(outgoing-links:types=page,comment)

---

Creates a list of pages, websites and email addresses the current page links to. Wiki content may be included as the body to be shown if no links exist.

**Display Options**

- **page** - The page to search on.
- **mode** - The mode in which links are displayed. Available modes:
  - list - Links are displayed in a bullet-pointed list.
  - flat - Links are displayed in a single row, with a separator between each item.
- **separator** - The style of separator to have. Defaults to '•' when in flat mode. Available separators:
  - brackets - Each item is surrounded by square brackets ('[' and ']').
  - braces - Each item is surrounded by curly braces ('{' and '}').
  - parens - Each item is surrounded by parentheses ('(' and ')').
  - pipe - Each item is separated by a pipe ('|').
  - other - The value is the separator.
- **style** - The style of the bullet points. Some styles may not be available depending on the mode. Available styles:
  - icons - displays the Confluence page-type icon (default)
  - none - no bullet point displayed
  - other CSS styles - disc, square, upper-roman, lower-roman, etc
- **excerpt** - Will output any excerpts which have been set on the linking page.
- **sort** - Allows the sort order to be specified. Valid options are:
  - natural - Sorted by the unicode-safe natural order of the content title. (Default)
  - creation - Sorted by the creation date of the content.
  - modified - Sorted by the last-modified date of the content.
  - bitwise - Internal confluence local-independent sort. Can only be used if type is 'page'.
  - reverse - Reverses whichever sort order has been chosen
- **maxResults** - Outputs up to this number of results. Default is unlimited.

**Filtering Options**

In general, all filtering parameters are lists of optional, required or excluded values. Optional items simply list the value, required items are prefixed with a '+', and excluded values are prefixed with a '-'. Each value is separated by a ',' or a ';'. For example, to specify that only content which has the "foo" label but not the "bar" label would look like this:

```
labels=foo, -bar
```

If you need to specify a value which contains any of the special characters (namely +, -, ;, and comma), just wrap it in a set of quotes. Eg:

```
labels="foo-bar"
```

This will work for all filter properties below.

- **scope** - List of pages, news items, etc which are in scope. If the content is a page, the scope can be expanded to their children, descendents or ancestors:
  - >children - The direct children of the specified page. Eg. 'scope=My Page>children'
  - >descendents - All descendents of the specified page. Eg. 'scope=My Page>descendents'
  - >ancestors - All ancestors of the specified page. Eg. 'scope=My Page>ancestors'
- **labels** - List of label checks. Eg. "one, +two, -three" would list content
which had the "two" label but not the "three" label.

- **spaces** - Will only list linking pages in the specified spaces. Spaces should be comma-separated. May also be one of the following special values:
  - `@all` - All spaces, both personal and global
  - `@personal` - All personal spaces
  - `@global` - All non-personal spaces
  - `@favourites` - All the current user's favourite spaces

- **types** - Will only list linking pages of the specified types. Types should be comma-separated. Valid types include:
  - `page` - Wiki pages
  - `news` - Blog/News posts
  - `comment` - Page or blog comments
  - `spacedescription` - Space description
  - `userinfo` - User profile
  - `attachment` - An attachment
  - `mail` - Mail archive
  - `mailto` - A 'mailto' link
  - `url` - An external URL
  - `unresolved` - An unresolved link.

Creates a list of pages which do not have any other pages linking to them. Wiki content may be included as the body to be shown if no links exist.

### Display Options
- **page** - The page to search on.
- **mode** - The mode in which links are displayed. Available modes:
  - `list` - Links are displayed in a bullet-pointed list.
  - `flat` - Links are displayed in a single row, with a separator between each item.
- **separator** - The style of separator to have. Defaults to `,`, `,` when in flat mode. Available separators:
  - `brackets` - Each item is surrounded by square brackets (`[' and ']`).
  - `braces` - Each item is surrounded by curly braces (`{' and '}`).
  - `parens` - Each item is surrounded by parentheses (`'(' and ')').
  - `pipe` - Each item is separated by a pipe (`'|`).
  - `other` - The value is the separator.
- **style** - The style of the bullet points. Some styles may not be available depending on the mode. Available styles:
  - `icons` - displays the Confluence page-type icon (default)
  - `none` - no bullet point displayed
  - `other CSS styles` - disc, square, upper-roman, lower-roman, etc
- **excerpt** - Will output any excerpts which have been set on the linking page.
- **sort** - Allows the sort order to be specified. Valid options are:
  - `natural` - Sorted by the unicon-safe natural order of the content title. (Default)
  - `creation` - Sorted by the creation date of the content.
  - `modified` - Sorted by the last-modified date of the content.
  - `bitwise` - Internal confluence local-independent sort. Can only be used if type is 'page'.
- **reverse** - Reverses whichever sort order has been chosen
- **maxResults** - Outputs up to this number of results. Default is unlimited.

### Filtering Options
In general, all filtering parameters are lists of optional, required or excluded values. Optional items simply list the value, required items are prefixed with a `+`, and excluded values are prefixed with a `-`. For example, to specify that only content which has the "foo" label but not the "bar" label would look like this:

```
labels=foo, -bar
```

If you need to specify a value which contains any of the special characters (namely `+`, `-`, `;` and comma), just wrap it in a set of quotes. Eg:

```
labels="foo-bar"
```

This will work for all filter properties below.

- **scope** - List of pages, news items, etc which are in scope. If the content is a page, the scope can be expanded to their children, descendents or ancestors:
  - `>children` - The direct children of the specified page. Eg. `scope=My Page>children`
  - `>descendents` - All descendents of the specified page. Eg. `scope=My Page>descendents`
  - `>ancestors` - All ancestors of the specified page. Eg. `scope=My Page>ancestors`

- **labels** - List of label checks. Eg. "one, +two, -three" would list content which had the "two" label but not the "three" label.

- **spaces** - Will only list linking pages in the specified spaces. Spaces should be comma-separated. May also be one of the following special values:
  - `@all` - All spaces, both personal and global
  - `@personal` - All personal spaces
  - `@global` - All non-personal spaces
  - `@favourites` - All the current user's favourite spaces

- **types** - Will only list linking pages of the specified types. Types should be comma-separated. Valid types include:
Creates a list of pages which are linked to but have not yet been created. Wiki content may be included as the body to be shown if no links exist.

**Display Options**

- **page** - The page to search on.
- **mode** - The mode in which links are displayed. Available modes:
  - **list** - Links are displayed in a bullet-pointed list.
  - **flat** - Links are displayed in a single row, with a separator between each item.
- **separator** - The style of separator to have. Defaults to ‘,’ ‘’ when in flat mode. Available separators:
  - **brackets** - Each item is surrounded by square brackets (‘[’ and ‘]’).
  - **braces** - Each item is surrounded by curly braces (‘{’ and ‘}’).
  - **parens** - Each item is surrounded by parentheses (‘(’ and ‘)’).
  - **pipe** - Each item is separated by a pipe (‘|’).
  - **other** - The value is the separator.
- **style** - The style of the bullet points. Some styles may not be available depending on the mode. Available styles:
  - **icons** - displays the Confluence page-type icon (default)
  - **none** - no bullet point displayed
  - **other CSS styles** - disc, square, upper-roman, lower-roman, etc
- **excerpt** - Will output any excerpts which have been set on the linking page.
- **sort** - Allows the sort order to be specified. Valid options are:
  - **natural** - Sorted by the unicode-safe natural order of the content title. (Default)
  - **creation** - Sorted by the creation date of the content.
  - **modified** - Sorted by the last-modified date of the content.
  - **bitwise** - Internal confluence local-independent sort. Can only be used if type is 'page'.
  - **reverse** - Reverses whichever sort order has been chosen
- **maxResults** - Outputs up to this number of results. Default is unlimited.

**Filtering Options**

In general, all filtering parameters are lists of optional, required or excluded values. Optional items simply list the value, required items are prefixed with a ‘+’, and excluded values are prefixed with a ‘-’. Each value is separated by a ',' or a ';'. For example, to specify that only content which has the "foo" label but not the "bar" label would look like this:

```
labels=foo, -bar
```

If you need to specify a value which contains any of the special characters (namely +, -, *, and comma), just wrap it in a set of quotes. Eg:

```
labels="foo-bar"
```

This will work for all filter properties below.

- **scope** - List of pages, news items, etc which are in scope. If the content is a page, the scope can be expanded to their children, descendents or ancestors:
  - **>children** - The direct children of the specified page. Eg. 'scope=My Page>children'
  - **>descendents** - All descendents of the specified page. Eg. 'scope="My Page">descendents'
  - **>ancestors** - All ancestors of the specified page. Eg. 'scope=My Page>ancestors'
- **labels** - List of label checks. Eg. "one, +two, *three" would list content which had the "two" label but not the "three" label.
- **spaces** - Will only list linking pages in the specified spaces. Spaces should be comma-separated. May also be one of the following special values:
  - **@all** - All spaces, both personal and global
  - **@personal** - All personal spaces
  - **@global** - All non-personal spaces
  - **@favourites** - All the current user's favourite spaces
- **types** - Will only list linking pages of the specified types. Types should be comma-separated. Valid types include:
  - **page** - Wiki pages
  - **news** - Blog/News posts
  - **comment** - Page or blog comments
  - **spacedescription** - Space description
  - **userinfo** - User profile
  - **attachment** - An attachment
  - **mail** - Mail archive
  - **mailto** - A 'mailto' link
  - **url** - An external URL
  - **unresolved** - An unresolved link.
<table>
<thead>
<tr>
<th>Macro</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(spaces:width=x)</td>
<td>Displays a list of all spaces visible to the user, with linked icons leading to various space content functionality, within a table. The width parameter specifies the table width on the page.</td>
</tr>
<tr>
<td>(recently-updated)</td>
<td>Include a list of which Confluence content has changed recently. Content will be listed from the current space or for each space defined in a comma separated list (space = x, y). The list will be rendered in a table with width matching the width argument (width=x) or defaulting to 99%</td>
</tr>
<tr>
<td>(global-reports: width=x)</td>
<td>Renders a list of links to global reports within a table of width x (defaults to 99%).</td>
</tr>
<tr>
<td>(welcome-message)</td>
<td>Include the Confluence site welcome message. The site welcome message may be configured in the Administration -&gt; General Configuration section.</td>
</tr>
<tr>
<td>(create-space-button: size=large</td>
<td>width=32</td>
</tr>
<tr>
<td>(livesearch:id=1</td>
<td>spaceKey=KEY)</td>
</tr>
<tr>
<td>(popular-labels)</td>
<td>Renders a list (or heatmap) of the most popular labels ordered by popularity (or name).</td>
</tr>
<tr>
<td>(related-labels)</td>
<td>Renders a list of labels related to the current page's labels.</td>
</tr>
<tr>
<td>(contentbylabel:dogs,cats)</td>
<td>Displays a list of content marked with the specified labels.</td>
</tr>
<tr>
<td>(popular-labels:style=heatmap</td>
<td>count=15)</td>
</tr>
<tr>
<td>(recently-used-labels)</td>
<td>Renders a list (or table) of labels most recently used in a specified scope.</td>
</tr>
<tr>
<td>(navmap:mylabel)</td>
<td>Renders the pages associated with the specified label as a navigable map. A label must be specified for this macro. The following parameters are all optional:</td>
</tr>
</tbody>
</table>

**Old Confluence documentation content**

A label must be specified for this macro. The following parameters are all optional:

- **title** - the title for this navigation map.
- **wrapAfter** - the number of cells to span horizontally before wrapping to the next line. (default: 5)
- **cellWidth** - width of individual cells in the map in pixels. (default: 90px)
- **cellHeight** - height of individual cells in the map in pixels. (default: 60px)
- **theme** - if you want to create your own look and feel for the navmap (say one with rounded corners), you can do so by adding a file to the WEB-INF/classes/templates/macros directory. The file name convention to use is: navmap-mytheme.vm. You can use whatever name you like in place of mytheme. Just make sure you specify this when calling the macro using theme=mytheme.
### Notation Guide - Confluence

#### External Content

Ways to include, summarise or refer to content from other servers.

<table>
<thead>
<tr>
<th>Notation</th>
<th>Comment</th>
</tr>
</thead>
</table>
| `{listlabels:spaceKey=@all}` | Renders the list of all labels or labels for a specific space sorted alphabetically. 

  - `spaceKey` - (optional) list the labels in the specified space (current space by default). If '@all' is specified, labels in all spaces will be listed.

| `{rss:url=http://host.com/rss.xml}` | Displays the contents of a remote RSS feed within the page. Note: feeds are cached for 60 minutes before being retrieved again.

  - The 'max' parameter can be used to limit the number of entries displayed.

  - Example:

    ```
    Sample RSS Feed (RSS 2.0)
    (Feed description here...)
    My Item (Dec 30, 2003 06:53)
    And part of the item content here...
    Another Item (Dec 30, 2003 06:53)
    And part of the item content here...
    ```

    You can specify 'showTitlesOnly=true' to show only the RSS feed titles. This parameter defaults to false.

    You can specify 'titleBar=false' to hide the feeds titlebar. This parameter defaults to true.

| `{jiraissues:url=http://jira.rss.url}` | Imports and displays JIRA issue list RSS as inline content for the page. You can easily customize the list and order of the columns being displayed, by specifying columns parameter.

  - Not specifying columns will lead into the default column list and order.

  - Allowed columns are: key, summary, type, created, updated, assignee, reporter, priority, status, resolution.

  - Specifying count=true will cause the macro to just print out how many issues were in the list, without printing the list.

  - Using count=true will cause the macro to just print out how many issues were in the list, without printing the list.

  - Using cache=off will force the macro to refresh its internal cache of Jira issues.

  - Note: Certain filters may require a logged-in user in order to work. Hence you may need to append: `&os_username=yourJiraUsername&os_password=yourJiraPassword` to the end of your jira issues url.

  - Example:

    ```
    Atlassian JIRA (This file is an XML representation of some issues)
    Key Summary Assignee Status Res Updated
    TEST-100 Add JIRA support John Gordon Open UNRESOLVED 01/Jan/04
    TEST-103 Add Unit Support Robert Matson In Progress UNRESOLVED 25/Dec/03
    TEST-108 Add RSS Support Bill Watson In Progress UNRESOLVED 23/Dec/03
    TEST-109 Add Search Support Fred Morit Closed FIXED 03/Jan/04
    ```

| `{jiraportlet:url=http://jira.portlet.url}` | Imports and displays JIRA 3 portal into a Confluence page.

  - You can get the URL for the portlet by configuring the portlet into your JIRA dashboard. While in configuration mode, you can copy the portlet URL from the top of the portlet display.

  - Note: Certain filters may require a logged-in user in order to work. Hence you may need to append: `&os_username=yourJiraUsername&os_password=yourJiraPassword` to the end of your portlet url.

| `{junitreport:directory=file:///c:/test-reports}` | Displays the results of a series (or single) JUnit test.

  - (currently only picks up result files in XML format. Set ant formatter to "xml")

  - Example:

    ```
    Success Rate Tests Failures Time(s) Time(s)
    93% 14 1 0 1.531
    ```
Displays an **OPML** file with expanding sections for each outline item. Should contain **(opml-column)** macros to define extra attributes/column values.

- **source** - (required) The source of the OPML file. Either an attachment (`'^attachment.opml'`) or a full URL (`'http://server/file.opml'`).
- **width** - (optional) The width of the table. Eg. ‘100%’ or ‘400px’.
- **iconType** - (optional) The type of content to use for the icons. May be one of the following:
  - image - (default) The icon values point to an image file, either an attachment or a URL.
  - wiki - The icon values are wiki text.
  - text - The icon values are plain text.
- **expandIcon** - The value of the expand icon.
- **collapseIcon** - The value of the collapse icon.
- **singleIcon** - The value of the single item icon.
- **class** - (optional) The custom CSS class for the OPML display.

**(opml-source=''^attachment.opml'') (opml)**

Specifies the settings for a column of data in an OPML document. The data comes from extra attributes on `<outline>` elements. Must be contained inside an **(opml-column)** macro.

- **name** - (required) The name of the attribute the column gets from.
- **title** - (optional) The title of the column. This is wiki text, and you may alternately use the macro body to set the title if there is more complex text you wish to use.
- **type** - (optional) The type of data contained in the column.
  - text - (default) Plain text.
  - html - HTML text (note: this may be dangerous if there is bad HTML in the source).
  - number - A number. This may not contain any non-digit values. Eg. ‘$9.50’ is good, ‘$9,50’ is bad.
  - date - A date. You will usually want to specify the source format so that the date can be interpreted correctly.
- **sourceFormat** - The format of the date in the OPML file (eg. ‘dd MMM, yyyy’).
- **displayFormat** - The format to display the value as, either a number format (eg. ‘$#0.00’) or date (eg. ‘dd-MM-yyyy’).
- **width** - The width of the column. Eg. ‘100%’, ‘400px’.

**(opml-column:name=text|title=A title) (opml-column:name=Attribute)+A title+ (opml-column)**

Displays a graphic indication of whether a Yahoo! Instant Messenger user is online. You must supply a valid Yahoo! ID as the default argument.

Specifying `showid=false` will cause the macro to only output the image, not the user's Yahoo! ID in text format.

**(yahoo:myyahooid) (yahoo:myyahooid|showid=false)**

Displays a graphic indication of whether an AIM user is online. You must supply a valid AIM screen name as the default argument.

Specifying `showid=false` will cause the macro to only output the image, not the user's AIM screen name in text format.

**(aim:myscreenname) (aim:myscreenname|showid=false)**

Displays a graphic indication of whether an ICQ user is online. You must supply a valid ICQ UIN as the default argument.

Specifying `showid=false` will cause the macro to only output the image, not the user's ICQ UIN in text format.

**(pic:1234563) (pic:1234563|showid=false) (pic:1234563|image=5)**

Displays one or more worksheets from Microsoft Excel spreadsheets (Excel 97, 2000, 2003 workbooks). Each worksheet is shown as a table. This macro supports common table capabilities with other table based macros (table-plus, cay, and sq).

- **file** - A required parameter unless `url` is specified. It specifies the location of the Excel file.
  - attachment - Data is read from an attachment to the current page.
  - page-attachment - Data is read from an attachment to the page name provided.
  - space:page^attachment - Data is read from an attachment to the page name provided in the space indicated.
  - filename - Data is read from the file located in confluence home directory/script/filename. Subdirectories can be specified.
- **url** - Only required if `file` is not specified. Specifies the URL of an Excel file. Use of this parameter may be restricted for security reasons. See your administrator for details.
- **sheets** - By default, each sheet in the workbook will produce a table. Use the sheets parameter to control what sheets will be shown. The parameter value can be a comma separated list of sheet names (case sensitive) or sheet numbers (1-based counting).
- **output** - Determines how the output is formatted:
  - html - Data is output as a HTML table (default).
  - wiki - Data is output as a Confluence wiki table. Use this option if you want data within the table to be formated by the Confluence wiki renderer.
  - output=false to not show any heading lines.
  - border - The border width in pixels. Defaults to normal table border width.
  - width - The table width in pixels. Default is 100%.
  - showHidden - By default, hidden sheets, rows, and columns will not be shown. Set `showHidden=true` to show all data.
  - showSheetName - By default, the sheet name will not be shown. Set `showSheetName=true` to show a the sheet name before the table.
  - formatCell - By default, no special formating will be applied to the cells. Set `formatCell=true` to process each cell for special properties. Currently supported properties are:
    - html - Font and background color.
    - wiki - None at this time.
  - formatColumn - By default, the format for a column will be used to apply formating for all cells in the column. Set `formatColumn=false` to not use the column formating information from the excel sheet. Note that this parameter is ignored if `formatCell=true` or columnsAttributes are specified.
  - showWiki - Default is false. Set to true to show a non-formatted version of the wiki table following the formated table. This is used to help resolve formating issues.
- **escape** - When wiki output is requested (output=wiki), some special characters (like ‘|’, ‘[’, ‘]’, ‘\’).
Misc

Various other syntax highlighting capabilities.

<table>
<thead>
<tr>
<th>Notation</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>( )</td>
<td>Escape special character X (i.e. ‘()’)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Notation</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>:)</td>
<td>Graphical emoticons (smileys).</td>
</tr>
<tr>
<td>[:)</td>
<td></td>
</tr>
<tr>
<td>[:P</td>
<td></td>
</tr>
<tr>
<td>[:D</td>
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<td>[:O</td>
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<tr>
<td>[:)</td>
<td></td>
</tr>
</tbody>
</table>

Macros

Macros allow you to perform programmatic functions within a page, and can be used for generating more complex content structures.

<table>
<thead>
<tr>
<th>Notation</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>(vote:What is your favorite color?)</td>
<td>The vote macro allows Confluence users to vote on any topic of interest. Users are allowed to select only one of the given choices and vote one time, and the results will not be visible to them until they have voted. Users that have not logged in will be prompted to do so before allowing them to cast a vote. This macro was created to support quick, informal votes on various topics. The macro has a title and a series of choices, each choice starting on its own line.</td>
</tr>
<tr>
<td>Red</td>
<td>default argument - (required) the title of the ballot.</td>
</tr>
<tr>
<td>Blue</td>
<td>Before the user logs in:</td>
</tr>
<tr>
<td>None of the above</td>
<td></td>
</tr>
<tr>
<td>(vote)</td>
<td>Ballot: What is your favorite color? (Log In to vote.)</td>
</tr>
<tr>
<td>Red</td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td></td>
</tr>
<tr>
<td>None of the above</td>
<td>Before the logged-in user votes:</td>
</tr>
<tr>
<td>(vote)</td>
<td>Ballot: What is your favorite color? Choose</td>
</tr>
<tr>
<td>Red</td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td></td>
</tr>
<tr>
<td>None of the above</td>
<td>After the logged-in user votes:</td>
</tr>
<tr>
<td>(vote)</td>
<td>Ballot: What is your favorite color? Results: (10 total votes)</td>
</tr>
<tr>
<td>Red</td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td></td>
</tr>
<tr>
<td>None of the above</td>
<td></td>
</tr>
</tbody>
</table>
The vote macro allows Confluence users to vote on any topic of interest. Users are allowed to select only one of the given choices and vote one time, and the results will not be visible to them until they have voted. Users that have not logged in will be prompted to do so before allowing them to cast a vote. This macro was created to support quick, informal votes on various topics. The macro has a title and a series of choices, each choice starting on its own line.

- **default argument** - *(required)* the title of the ballot.

Before the user logs in:

```
Ballot: What is your favorite color? *(Log in to vote.)*
Red
Blue
None of the above
```

Before the logged-in user votes:

```
Ballot: What is your favorite color?  Choose
Red*
Blue*
None of the above*
```

After the logged-in user votes:

```
Ballot: What is your favorite color?  Results: *(10 total votes)*
Red  *(4 votes, 40%)*
Blue  *(5 votes, 50%)*
None of the above  *(1 votes, 10%)*
```

The survey macro allows Confluence users to be surveyed on several categories. For each category, users are allowed to select only one of the given choices, and the results will not be visible to them until they have voted. Users that have not logged in will be prompted to do so before allowing them to cast a vote. This macro was created to support surveys of confluence users on several categories and will provide them with the chance to give a rating (1 to 5) for each category as well as a comment.

The body of this macro defines the categories that the users will be polled on. Each line of the body will be treated as a separate category and should be written in the format "title - description". The title is always required but the dash and the description are optional.

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Required</th>
<th>Default</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>voters</td>
<td>false</td>
<td>all users</td>
<td>This is a comma separated list of usernames to who are allowed to cast a vote. Users not in this list will not be allowed to vote, but if they are viewers will be shown the results of the vote. If this parameter is not specified, all users with access to the page are considered voters.</td>
</tr>
<tr>
<td>viewers</td>
<td>false</td>
<td>all users</td>
<td>This is a comma separated list of usernames to who are allowed to see the survey results. Users not in this list will be allowed to vote but after doing so will simply be shown which item they voted for. If a user is in this list but is not a voter, they will be taken straight to the results. If this parameter is not specified, all users will be able to see the results.</td>
</tr>
<tr>
<td>changeableVotes</td>
<td>false</td>
<td>false</td>
<td>This parameter, if set to true, will allow the users to change their responses after they have been cast.</td>
</tr>
</tbody>
</table>