cedTag — Joomla extension

Introduction to Taxonomy 🍄

cedTag, a powerful Joomla extension, gives your sites use of the organizational keywords known in other systems as categories, tags, or metadata. Taxonomy is the practice of classifying content. It will come in handy for everything from menu and navigation schemes to view and display options. Taxonomy is the practice of classifying things. In this extension, the Taxonomy module is how you classify your website content, and it is an important piece of many sites' information architecture. It's helpful to think of taxonomy as the use of "categories". Taxonomy lets you gather together content under one term or another. It has become advanced enough to give you as much flexibility as you need in designing classification schemes.

History ⏳

CedTag is the continuation of the GPL component Joomla Tags (www.joomlatags.org), Most of the code has been rewritten according to the new standard of Joomla 2.5, the component has been greatly extended and most bugs have been removed.

Timeline ⏳
- 2.6.0 - 4 Nov 2012
- 2.5.9 - 3 Jul 2012
- 2.5.6 - 25 June 2012
- 2.5.5 - 11 June 2012
- 2.5.3 - 1 June 2012

cedTag

CedTag displays a list of tags in what is called a 'tag cloud', where the size of each tag is determined by how many times that particular tag has been assigned to posts. Additionally, it is possible to sort tags by count and alphabetically at the same time. It is also possible to add a counter to the tags, so that your visitors can see how many posts are associated with each tag.

Benefits ⭐
- articles not only in categories but linked through tags — finer granularity
- Google like that
- create more pages linked by tag name — Better for Search Engine Optimization
- relationships are declared
- Search Engine Friendly (SEF)

Installation
- All in one install
  - 5 Joomla modules
  - 4 Joomla plugins
  - 1 components
- Install the package like any package using the Joomla installer.
- Download ➡
- Wiki 📄➡

Uninstall
Just de-install the component to remove all plugins and modules in one shot, Go to the Extension Manager under the tab Manage, enter in filter "tag", select cedtag component and click Actions - Uninstall

Geek area
- 9570 Lines of Code
- 104 files
- 276 methods
- 57 classes

Requirements 📄
- Joomla 2.5 only
- joomla 3.0 soon...

Frontend functions

Component
- Tag list view — Table less layout,
- Tag blog view — Category display; Articles Metadata: publish, created, hits, print, email, — when clicking on a tag show all articles having that tag

Plugins
- Search plugin
- SEF plugin — Tranform URL — from /index.php?option=com_cedtag&task=tag&tag=joomla to /tag/component

Modules

Most Read Tags

networkattachedstorage opensource apache plugins plugin ps3 java build moblin maemo meego tagging google security enfrancais java linux celebration rchelicopter howto kyosho caliber30 packt books scooter joomla — cedTag

- Most popular tags cloud,
- Most hits tags cloud,
- Most Read tags could,
- Latest tags,
- Random tags cloud,
- Caching — General
- HTML5 animated tagcloud output for all modules
- Support 501 Google web fonts!

General
- 3 mode Tags positions
  - Below article's title
  - After articles
  - Both position
- Limit to 10 or more
- While logged in Frontend
  - Tags autocompletion
    - Search terms
    - Add terms — create also new tags while logged in frontend
    - Delete terms — Backspace on empty input deletes previous tag
- Fully Localized
  - en-GB as default
  - Easy to translate

All Tags in one page
- View where all tags are displayed
- Limit Count
- Page Title
- Meta Description
- Meta Keywords
- Reverse display
- Tags ordering
- Ad publicity on top/bottom of page
  - Google adsense
  - any other

Wordle
- Produce stunning images like http://www.wordle.net

(Wordle image: Samsung, Apple, device, system, Airshow, Birrfeld, enter, application, rm, Ferguson, ...)

- Special menu entries (Menu linkable)
- settings
  - 7 palette presets
  - background color
  - min/max font size
  - width, height in pixels
  - tags are clickable (image map)
  - caching

Backend functions 🏠

📋 General
- Support Joomla 2.5 ACL
  - All operations are restricted for the logged in user.
  - Some part of the control may not be displayed because you lack the permission to create, edit or delete content
- Fully integrated with jQuery ui auto complete
  - Automatically adds current input as tag if input loses focus
  - Backspace on empty input deletes previous tag
- modern administration

① Article manager
- assign tags to articles
  - Cut and Paste a list of tags (seaparated by comma) in a field supported
  - Create new tags by typing and hitting enter
- paging when too many results
- search
  - articles by title
  - articles by multiple tags
- filter articles
  - by category
  - by status
  - by access
  - by author
  - by language
- columns sorting

② Tag manager
- Edit tag
  - modify tag
  - add description — or query automatically description from wikipedia — 20 localized wikipedia supported
  - set arbitrary weight
- batch add term — cut a paste a list of term separated by comma to mass created a set of term in one click

③ Configuration
- Special Pages / error handling
  - When Tag is not found
    - Show warning page — Customizable — /components/com_cedtag/views/tag/tmpl/requested_tag_do_not_exist.php \language\en-GB\en-GB.com_cedtag.ini
    - Show 404 error page
  - Tag having no articles — Customizable — /components/com_cedtag/views/tag/tmpl/no_articles_with_tag.php \language\en-GB\en-GB.com_cedtag.ini
- Tags
  - Capitalize Tags automatically
  - Convert to Lowercase Tags
  - Auto extract meta keywords as tags for NEW articles
  - Force Existing articles get their Tags always from article meta keywords at save time
  - Allow/remove Spaces in Tags
  - Strip Characters to remove automatically — -LJ.I~!I?I@I%I^I()II&I'I*I#I* — you can add more yourself
  - Use Stopwords filtering of Tags
  - 2 Mapping frequency Algorithm
    - ➡ Pareto distribution — power law probability distribution
    - Dynamic Bucketizing by Frequency — map font size to relative frequency — The font size will not show the magnitude of a frequency, only that it is larger or smaller than some other frequency
  - Autofill Tags description using WikiPedia service
    - Only autofill empty Tags Description
    - Always autofill All descriptions (you loose all your manual changes!)
  - Tagcloud use Google Fonts
    - 15 fonts as default
    - but support more than 500 Fonts

④ Export tag
- Export Terms as CSV file
- Export Terms back to Joomla Aticles META KEYWORDS

⑤ Import tag
- Import from Joomla articles meta keywords

⑥ Stopwords Editor
- Some Tags has to be filter out because they are either insignificant (i.e., articles, prepositions) or common.
- You can also edit these list and add your own set of words
- 600 stop words in English
- 950 words in German
- Filtering can be switched off.

⑦ CSS editor
- edit online one of the 7 themes

⑧ Statistics

- Tags published vs unpublished
- Tags with vs without description
- Articles with Tags vs Articles without Tags

⑨ Maintenance
- perform operations on Tags
- Publish Tags having less than Z articles.
- Replace Tag xxxx with Tag yyyy in all articles with Tag xxxx
- Add Tag yyyy to all articles which have also Tag xxxx.
- Remove Tag xxxx to all articles which have also Tag yyyy.

Corrections are welcomed! ✏
➡ http://www.waltercedric.com/contacts