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
  - finer granularity
    - articles not only in categories but linked through tags
  - Better for Search Engine Optimization
    - Google like that
    - create more pages linked by tag name
    - 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
  - 57 classes
  - 276 methods

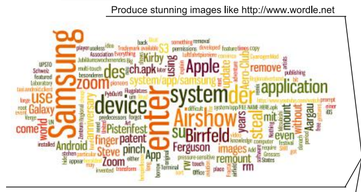
Requirements

- Joomla 2.5 only
- joomla 3.0 soon...

Frontend functions

- Component
  - when clicking on a tag show all articles having that tag
    - Tag list view
    - Tag blog view
      - Table less layout,
      - Category display
      - Articles Metadata: publish, created, hits,
      - print, email,
- Plugins
  - Search plugin
  - SEF plugin
    - Tranform URL
    - from /index.php?option=com_cedtag&task=tag&tag=joomla
    - to /tag/component
- Modules
  - Most popular tags cloud,
  - Most hits tags cloud,
  - Most Read tags could,

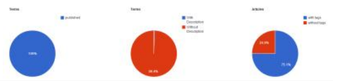
  - Latest tags,
  - Random tags cloud,
  - Caching
  - General
  - HTML5 animated tagcloud output for all modules
- General
  - Support 501 Google web fonts!
  - 3 mode Tags positions
    - Below article's title
    - After articles
    - Both position
    - Limit to 10 or more
  - Tags autocompletion
    - While logged in in Frontend
    - 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
- Special menu entries (Menu linkable)
  - 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



    - 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
- 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
- Tag manager
  - Edit tag
    - modifiy 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
- 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
      - -|_|.|-|!|?|@|%|^|(|)|[:|{|}|[|]|&|`|"|#|*
      - 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
- Export tag
  - Export Terms as CSV file
  - Export Terms back to Joomla Aticles META KEYWORDS
- Import tag
  - Import from Joomla articles meta keywords
- 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.
- CSS editor
  - edit online one of the 7 themes
- Statistics



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

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