Hover v0.7.2

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Contents

1 Introduction

1.1 Status of this document

Since software development is a highly dynamic process, documentation tends to be a bit outdated. This document will be no exception from this rule.

Right now this document is written for Hover version 0.7.2.

1.2 Formatting of this document

Something you need run on a shell:

> $ echo foo

Something that refers to the code of Hover

> *sv_ hover_ install*

1.3 Features

1. Keyword replacing
   Define your own words to be replaced by links or acronyms.

2. Popup
   Mouse over CSS Style Popups can display additional information.

3. Fading
   Popups can be faded in / out / both or not at all.

4. Title replacing
   Replace title attributes from arbitary HTML tags with Popups.

5. ~~Websnapr integration~~
   ~~Provide your visitors with a small screenshot to a website you are linking to.~~ Websnapr support has been disabled.

6. dynamic Interface
   Modify the Admin Interface to fit easily on your screen without the need of horizontal scroling.

7. Selfcontained but flexible
   All needed JavaScript (domTT and behaviour.js), image and CSS files are included in the archive but can be reconfigured or overridden.

1.4 Requirements

1.4.1 Wordpress 3

Hover is a plugin for Wordpress 3 and has been successfully tested with these versions: 3.0.0, 3.0.1 and 3.2.1.

It is also known to work with Wordpress MU 1.2.

1.4.2 Javascript

Some of the features provided by this plugin rely heavily on javascript. It is possible to deactivate the usage of Javascript with the downside of losing these features:

1. **Popup**:
   without javascript title attributes will be generated. This leads to a browser based popup on mouseover. The downside is, that you are no longer able to define the popups layout.

2. **Title**:
   Replacement of title attributes from arbitary HTML tags is performed through javascript. This script is executed within the browser which enables users who turned of javascript to at least see the browser based popups.

All needed javascript files are included (domTT and behaviour.js).

1.4.3 Database

Hover will store it's data in seperate tables in your database thus you need the privilege to create tables in your database.

If you lack the required privilege you may need to ask your database administrator to either grant it to you or create the table for you. The code to create the table can be found in the method called *sv_ hover_ install*.

Please be advised that upon upgrade there may be additional code that has to be executed.

1.5 Download

Hover is available at these URLs:

- **freshmeat.net:** `http://freshmeat.net/projects/hover/`

- **blog:** `http://bc-bd.org/`

1.6 Installation

Extract the archive to your plugins directory and activate it. Hover is selfcontained and provides all needed javascript, image and CSS files to work in a default setup.

Some of the paths used in this example may vary from your installation. Please make sure to use appropriate values.

Change to the plugin directory:

$ cd /usr/share/wordpress/wp-content/plugins

Extract Plugin:

$ tar -xvzf /tmp/hover-0.7.2.tar.gz

Rename folder:

$ mv hover-0.7.2 hover

Login as admin to your Wordpress instance and activate the plugin.

Please refer to 2.1 on where to find the Hover Administarive Interface after activation.

1.7 Upgrade

When upgrading from a former realease install as described (1.6). Be sure to deactivate and reactivate the plugin after that to perform any needed database schema upgrades.

1.8 Removal

To completely remove Hover from your system you need to follow the steps below.

The safest way is to simply deactivate the plugin. If you are in need of space and know what you are doing you can remove the folder containing all of hovers files (Step 3).

1. Under Maintenance, run 'Delete options', 'Drop Hover Table' and 'Drop Hover Images Table'. **Warning**: this will delete all your configured options and hovers.

2. Deactivate Plugin.

3. Remove Hover folder from your plugins directory.

4. Consider writing a short feedback eMail on why you did not want to use Hover see 1.9.

1.9 Feedback

Feedback, postive or negative, is always welcome. Please consider sending a short eMail to
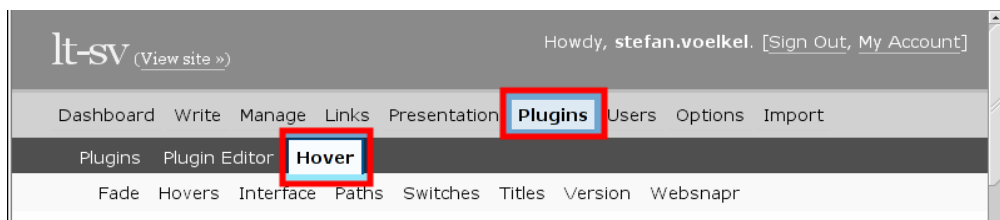
bd@bc-bd.org

Thanks.

1.10 Quickstart

1. Install (1.6) or upgrade (1.7) plugin.
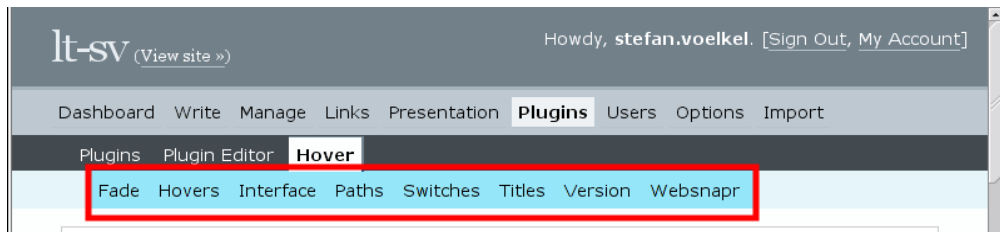2. Access Admin interface (2.1).
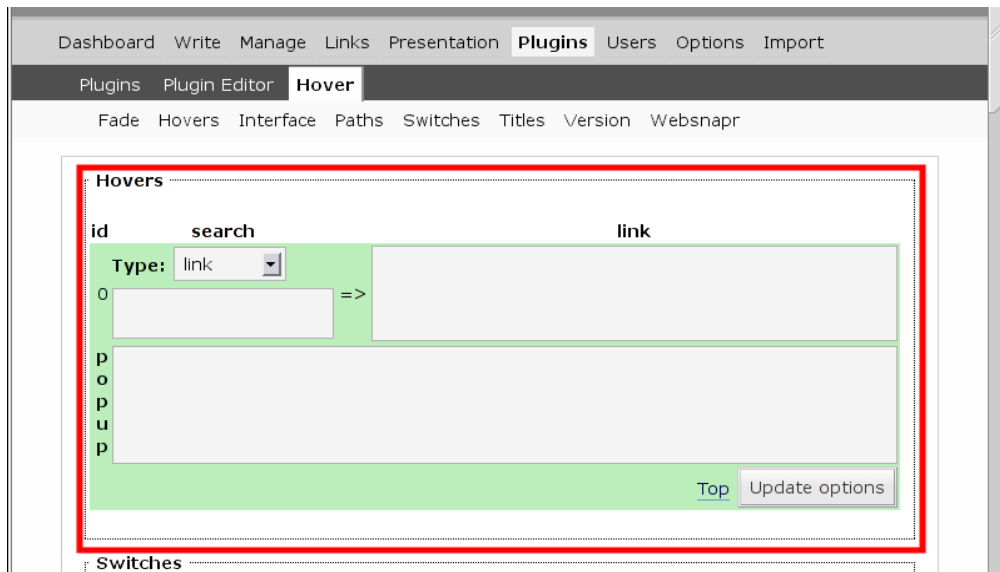3. Create Hover (2.2).

2 Features

2.1 Admin Interface

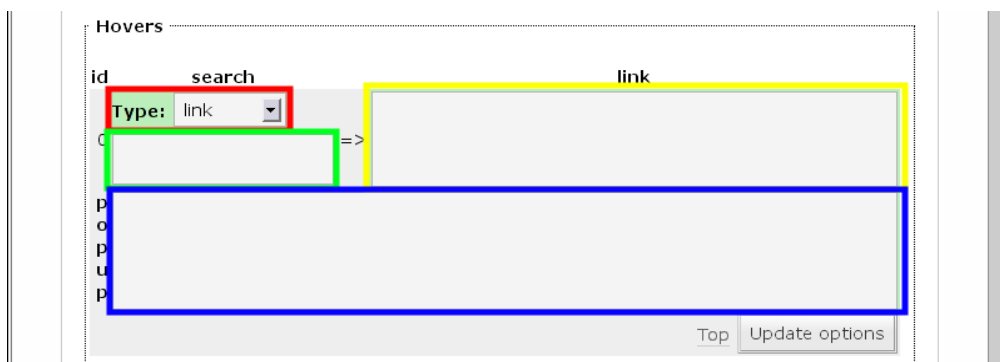Hover is configured using the admin interface which can be found below *Plugins / Hover*:

Due to the nature and size of its interface Hover comes with an extra line of options integrated into the plugin menu which enables you to quickly find the option you are looking for:

The most important part of the interface is the *Hovers* section which is where you can define the keywords Hover should replace:

Each item has 4 attributes, Type, Search, Link and Popup:

- **Type**:
  There are three types available:

  - **abbr**:
    The keyword will be placed in <abbr> tags.

  - **acronym**:
    The keyword will be placed in <acronym> tags.

  - **link**:
    The keyword will be placed in <a> tags.

- **Search**:
  The keyword to search for

- **Link**:
  The URL to link to

- **Popup**:
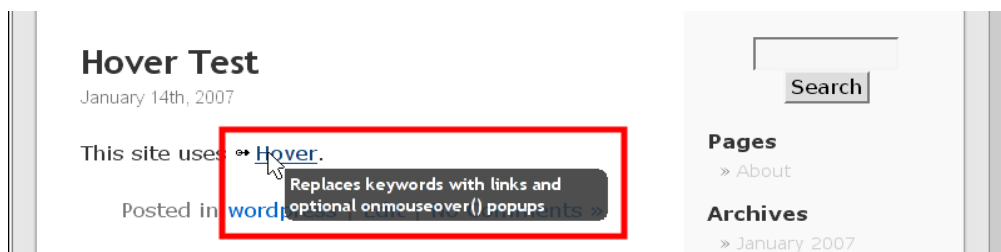 Content of the popup to show on MouseOver.

2.2 Examples:

2.2.1 Link

First create a new Hover with these values:

As the second step we create a posting and publish it:

Which will result in this popup:

2.2.2 Acronym

First we create a new Hover:

Next add the acronym to the previously created Posting:

Which will result in this popup:

2.3 Conditional replacing

Prefix your Keyword with a colon to enable contional replacment.

Define a Hover by using **:foo** in the search field. When writing **foo** in an article it will not be replaced but when using **:foo** in a post it will be. The colon will be removed.

2.4 Fade

Hover supports all fading options provided by domTT. All options defined here will be passed through to domTT, so please refer to the domTT webpage `http://www.mojavelinux.com/cooker/demos/domTT/` for examples.

2.5 Interface

With the help of these settings you can define the size of each textarea in the Admin Interface. This enables users with a screen resolution of 800x600 and those with 1280x1024 or more to effectivly use the plugin.

2.6 Paths

In case you have your own version of domTT or behaviour.js already on your system, or you want to include a defferent version of these scripts you can redefine where Hover should look for them.

Please be advised that wrong settings will result in a non working plugin. Refer to the Q&A section on the Admin Interface on how to reset these values.

2.7 Switches

This section combines all switches that can only be turned on or off

1. **Use internal css**:
   Hover comes with a file containing default CSS definitions needed to display Hovers correctly. You can disable the internal file and provide your own definitions to adapt this plugin to your Look&Feel. Please refer to the file hover.css which provides the default CSS definitions and contains documentation on each needed class.

2. **Use javascript**:
   Turn off the usage of Javascript alltogether. This will disable some features of Hover (see 1.4.2).

3. **Use File:**
   When set to on, Hover will write all needed javascript code to a file and reference it in your blog by url. This enables client side caching thus leading to saved bandwidth on your side. As a bonus it also uses less CPU.

4. **Open in new Window:**
   Opens links in a new window.

2.8 Titles

Hover posseses the ability to replace title attributes in arbitary HTML tags through its own popups.

This feature is commonly used with <img> tags:

- ... when disabled the browser will take care of displaing a small popup containig the contents of the title attribute when moving the mouse over the image.

- ... through enabling this switch Hover will replace those browser based popups with its own, granting the same look and feel on all popups.