

Hover v0.7.0

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September 12, 2011

Contents

1	Introduction	2
1.1	Status of this document	2
1.2	Formatting of this document	2
1.3	Features	2
1.4	Requirements	3
1.4.1	Wordpress 2	3
1.4.2	Javascript	3
1.4.3	Database	3
1.5	Download	3
1.6	Installation	4
1.7	Upgrade	4
1.8	Removal	4
1.9	Feedback	5
1.10	Quickstart	5
2	Features	5
2.1	Admin Interface	5
2.2	Examples:	7
2.2.1	Link	7
2.2.2	Acronym	8
2.3	Conditional replacing	9
2.4	Fade	9
2.5	Interface	9
2.6	Paths	9
2.7	Switches	9
2.8	Titles	10
2.9	Websnapr	10

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Since software development is a highly dynamic process, documentation tends to be a bit outdated.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 0.7.0.

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 arbitrary 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 scrolling.
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 2

Hover is a plugin for Wordpress 2 and has been successfully tested with these versions: 2.0.2, 2.0.4, 2.0.6, 2.0.7, 2.1.0, 2.1.3, 2.2, 2.5, 2.7, 2.8.2, 2.8.3, 2.8.5, 2.8.6, 2.9, 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 arbitrary 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.
3. **Websnapr:**
this service can only be used with the javascript based popups.

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

1.4.3 Database

Hover will store it's data in a separate table 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/>
- **wp-plugins.net:** http://wp-plugins.net/plugin/hover/#plugin_2211
- **wordpress.softplug.net:** http://wordpress.softplug.net/component/option,com_mtree/task,viewlink/link_id,231/Itemid,40/

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-0.7.0.tar.gz
```

Rename folder:

```
$ mv hover-0.7.0 hover
```

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

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

1.7 Upgrade

When upgrading from a former release 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 (Step 1). If you are desperadly in need of space and know what you are doing you can remove the folder containg all of hovers files (Step 2).

Steps 3 and 4 should only be performed by experienced users. You have been warned. Really.

1. Deactivate Plugin.
2. Remove Hover folder from your plugins directory.

3. Drop Hover table (default wp_hover).
4. Delete Hover options from wp_options table (all options are starting with the string "SV_HOVER_").
5. 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.

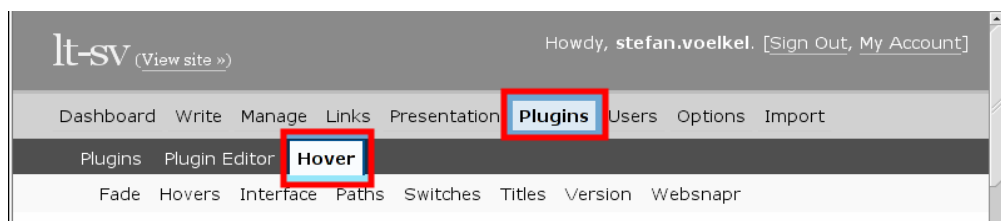
1.10 Quickstart

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

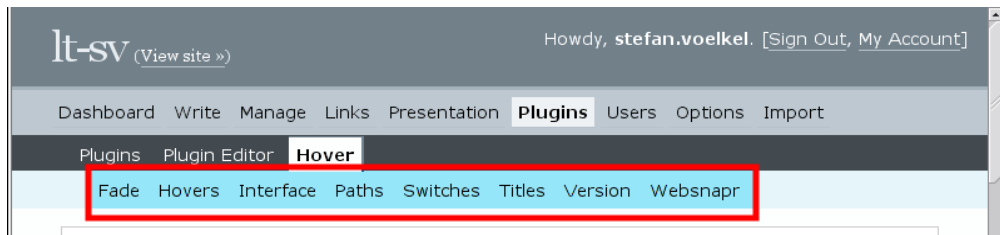
2 Features

2.1 Admin Interface

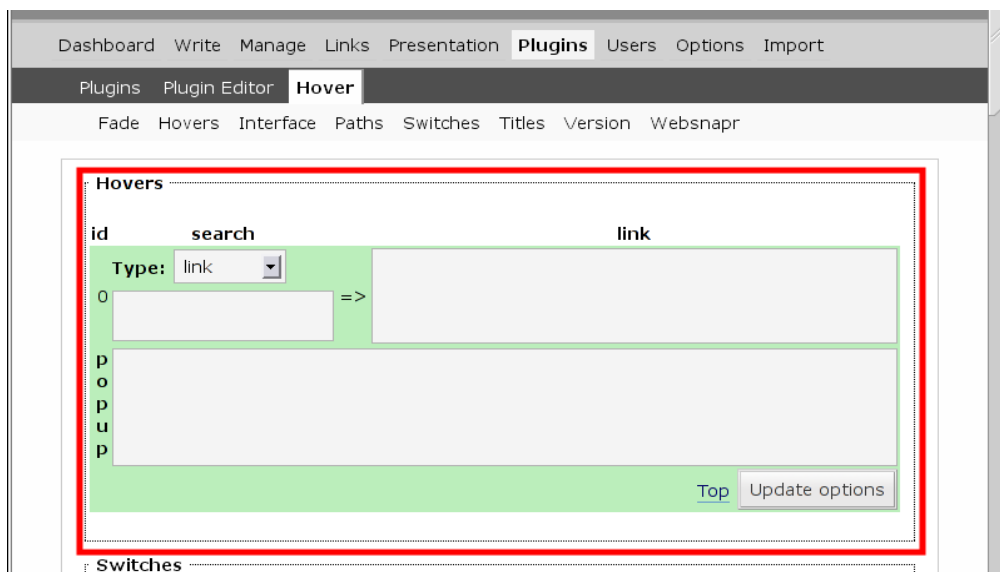
Hover is configured using the admin interface which can be found below *Plugins / Hover*:



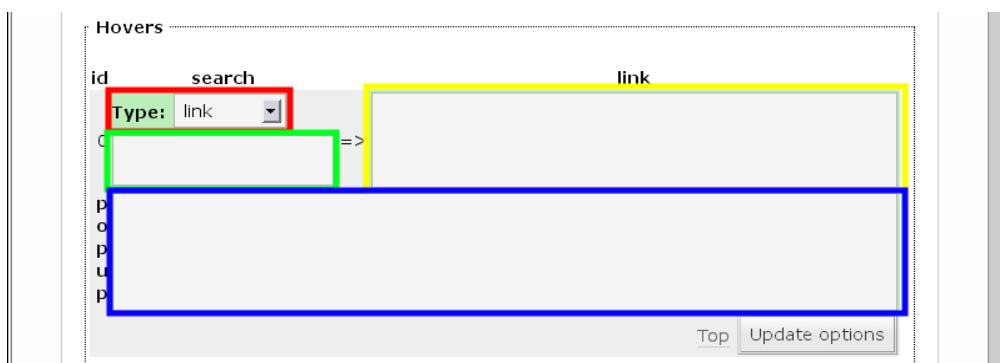
Due to the nature and size of its interface Hover comes with an extra line of options integrated into the plugin menu which enables you to quickly find the option you are looking for:



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

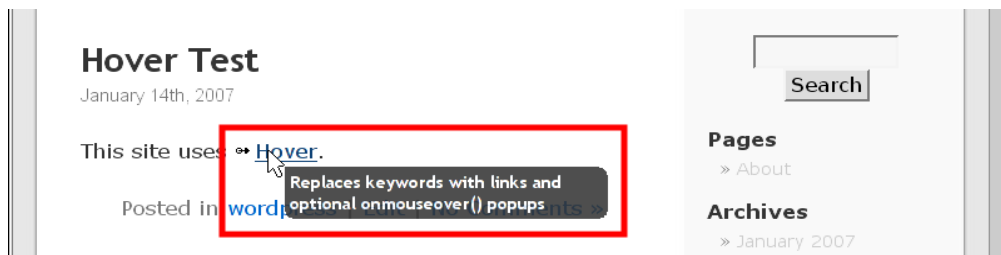
First create a new Hover with these values:

The screenshot shows a configuration window titled "Hovers". It has three main input fields: "id", "search", and "link". The "id" field contains the text "Hover" and is outlined in red. The "search" field contains "Type: link" and is outlined in green. The "link" field contains the URL "http://bc-bd.org/blog/" and is outlined in yellow. Below these fields is a "popup" field containing the text "Replaces keywords with links and optional onmouseover() popups", outlined in blue. At the bottom right of the window are two buttons: "Top" and "Update options".

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

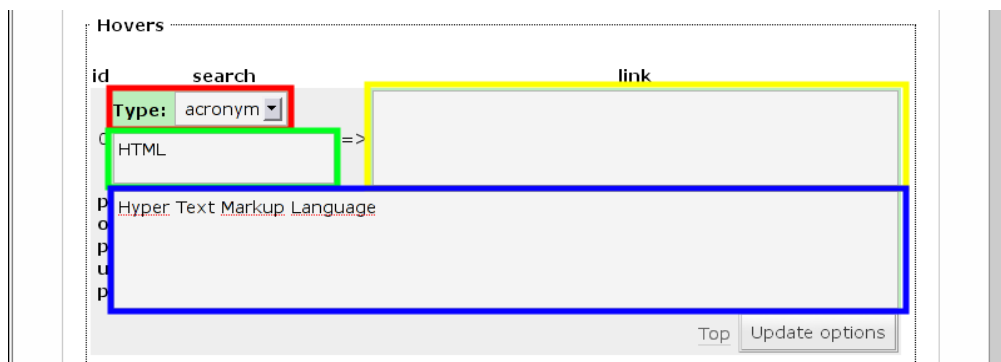
The screenshot shows a "Write Post" form. The "Title" field is filled with "Hover Test". Below it is a "Post" field with a rich text editor toolbar containing buttons for bold (b), italic (i), link, blockquote (b-quote), delete (del), insert (ins), image (img), unordered list (ul), ordered list (ol), list item (li), and code. The text "This site uses Hover." is entered in the post field, with "Hover" underlined. To the right of the post field are buttons for "more", "lookup", and "Close Tags". On the far right, there are four buttons: "Discussion", "Password-Protect Post", "Post slug", and "Categories", each with a "+" icon. A "preview" button with a downward arrow is located at the top right.

Which will result in this popup:

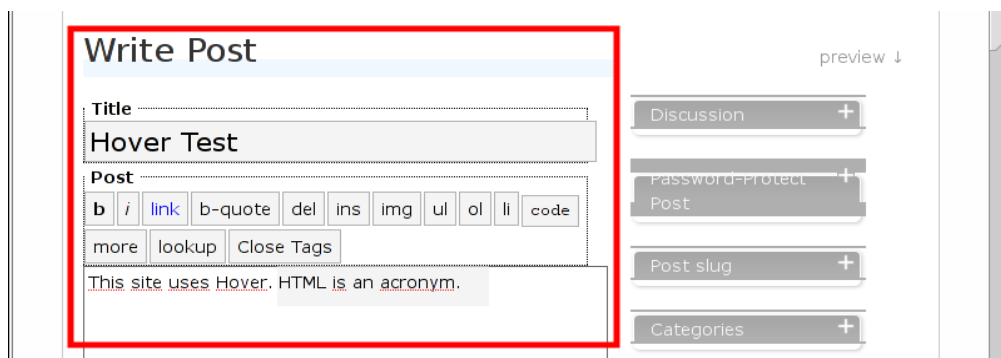


2.2.2 Acronym

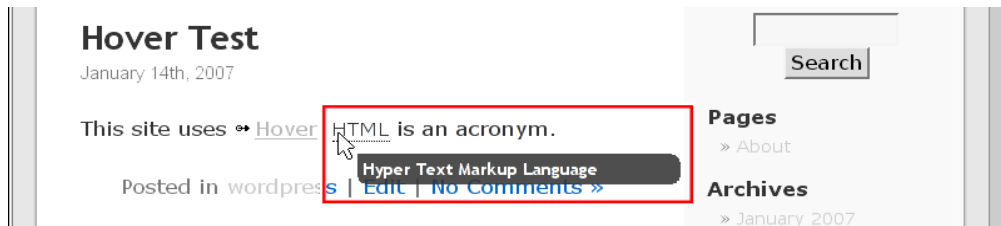
First we create a new Hover:



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 conditional replacement.

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 effectively 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 different 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 altogether. This will disable some features of Hover (see 1.4.2).

3. **Move to Plugins:**

This will move the configuration page from Options/Hover to Plugins/Hover which will allow editors to alter these options too.

4. **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.

2.8 Titles

Hover possesses the ability to replace title attributes in arbitrary HTML tags through its own popups.

This feature is commonly used with `` tags:

- ... when disabled the browser will take care of displaying a small popup containing 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.

2.9 Websnapp

Websnapp is a service which allows you to include screenshots to the site you are linking to:



Hover includes a small spinner displayed while loading the screenshot:

