

**EasyImage (ezimage) plugin 1.0 for TinyMCE**  
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**<http://www.ffh-lab.com>**

Manuel v.1.0 FR of July 25, 2012

**LEGAL NOTICE**

This package is Freeware and Open-source .

It cannot be sold. If you modify-it, you must keep reference to this original release through this mention in visible location, in source code and in « about » box on screen for final user : « Based on EasyImage 1.0 © FFh Lab / Eric Lequien, 2009-2012 ».

If your derived plugin should become a commercial product, you need to contact me to take an agreement, depending of the part of EasyImage in your own development.

You are warned that any modification will break all support from the author. Thus, if you found a « bug », just try to describe me a way to reproduce-it, rather than to try to work around by yourself ; of course, in this case, you'll get an eventual update, fixing-it, freely.

Not any warranty being attached with this code, you agree to use-it at your own risk and be the only one responsible about any direct or indirect effect on your data and the ones of your final users.

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## INTRODUCTION

EasyImage (« ezimage » in condensed) is a plugin to add to the well known HTML editor, TinyMCE by Moxiecode Systems AB. Outside of TinyMCE, ezimage will be useless for you.

Its purpose is to facilitate setting and layout of any image inserted in the TinyMCE editor. It's a simple and ergonomic alternative (or complement) to the AdvancedImage (advimage) plugin delivered in the standard TinyMCE package ; each showing some advantages and drawbacks.

## DEVELOPMENT & CREDIT

This plugin combining some HTML, CSS and javascript has been written in WebExpert 6.x under Windows, then validated against a W3C compliant validator.

Initially, it has been written for the intrinsic need of BloHome 1.0 (c) FFh Lab which embeds a TinyMCE editor for the purpose to edit a blog posts under Bloxom engine. For me, the goal was to get an image settings plugin which would be intuitive and more extended in certain points than the « advimage » features, shipped with TinyMCE standard package. Also, contrarily to the « advimage » present in TinyMCE 3.2.2, it was important that things be managed according to a « styles » orientation rather than a « attributes » ones.

While EasyImage is a tiny add-on to TinyMCE, thanks to Moxiecode for his nice WYSIWYG (« what you see is what you get ») editor used by many online software (« online » unless exceptions, like BloHome which use-it for offline edition) worldwide.

For recall and according to the Moxiecode terms, I quote :

*« TinyMCE is the most used WYSIWYG editor in the world, it is used by millions of people around the world for editing content. Here is a list of a few known Enterprise Companies or popular Open Source projects that use TinyMCE in one way or the other : Facebook, Jive Software, Wordpress, Oracle, Microsoft, Apple, IBM, Joomla, Interwoven, Umbraco, etc. It's provided in Open Source under LGPL license. Only a few lines of code needed to use TinyMCE with your site or product. Also, it's customizable, browsers friendly, lightweight, AJAX compatible and international. »*

EasyImage has been tested in the framework of the « Full » example which comes with TinyMCE 3.2.2 to 3.5.5, under local Apache 2.x server, under Windows XP and 7 Pro, accessing from Internet Explorer (my initial need for BloHome) and Firefox, then more succinctly Opera, Safari and Chrome.

## PREREQUISITE

You are supposed to have an installed TinyMCE editor, to be able to add-it the EasyImage plugin

TinyMCE is downloadable at <http://www.tinymce.com>. To install-it, see the topic « Install » in the documentation at <http://www.tinymce.com/wiki.php>.

You can try-it online, without neither download nor installation, on <http://www.tinymce.com/tryit/full.php>.

*The plugin named AdvancedImage (advimage), delivered in by default in the TinyMCE package, and that I'm talking in the introduction, is visible in the form of a button representing a tree in the toolbars ; when your mouse pass over it, the displayed tooltip is « Insert/Edit Image » (as ezimage does too). You can test its working by selecting the already inserted image in the preloaded example document, then by clicking on its button ; the plugin's window opens in front, its fields being populated from the current image setting.*

## INSTALL/UNINSTALL

1. Extract the content of the file « plugin.zip » (a zip inside the main zip) in the TinyMCE's plugins subdirectory. A new subdirectory called « ezimage » will be added to the list of the existing plugins subdirectories under « jscripts\tiny\_mce\plugins ».

*Outside of « plugin.zip », the others files of the package are all about documentation. If you copy them in the TinyMCE's disk tree, it will be without any influence, but known that only the content of the subzip « plugin.zip » is useful for working.*

2. Declare « ezimage » in the « plugins » section of the TinyMCE.init()'s main options.

Example adding ezimage to the plugins used by « full.html » delivered with TinyMCE :

```
plugins :
"ezimage,safari,pagebreak,style,layer,table,save,advhr,advimage,advlink,emotions,iespell,inlinepop
ups,insertdatetime,preview,media,searchreplace,print,contextmenu,paste,directionality,fullscreen,n
oneditable,visualchars,nonbreaking,xhtmlxtras,template"
```

3. Declare the « ezimage » button in the « theme\_advanced\_buttons\* » section (\* being the toolbar number) of the tinyMCE.init()'s theme options.

Example adding ezimage at the end of the 4<sup>th</sup> toolbar of « full.html » delivered with TinyMCE :

```
theme_advanced_buttons4 :
"insertlayer,moveforward,movebackward,absolute,|,styleprops,|,cite,abbr,acronym,del,ins,attribs,|,
visualchars,nonbreaking,template,pagebreak,ezimage"
```


That's all !

Note that EasyImage comes with English and French languages in the delivered package (i.e. ready for use with a « language » option with « en » or « fr » value during TinyMCE initialization), but free to you to translate and add as many language files as you want under the « ezimage/langs » subdirectory.

As you can see, the EasyImage integration is as easy than a files copy and two words to add in the HTML page which handles the TinyMCE editor.

An eventual uninstall will simply consist to proceed with reverse operations.

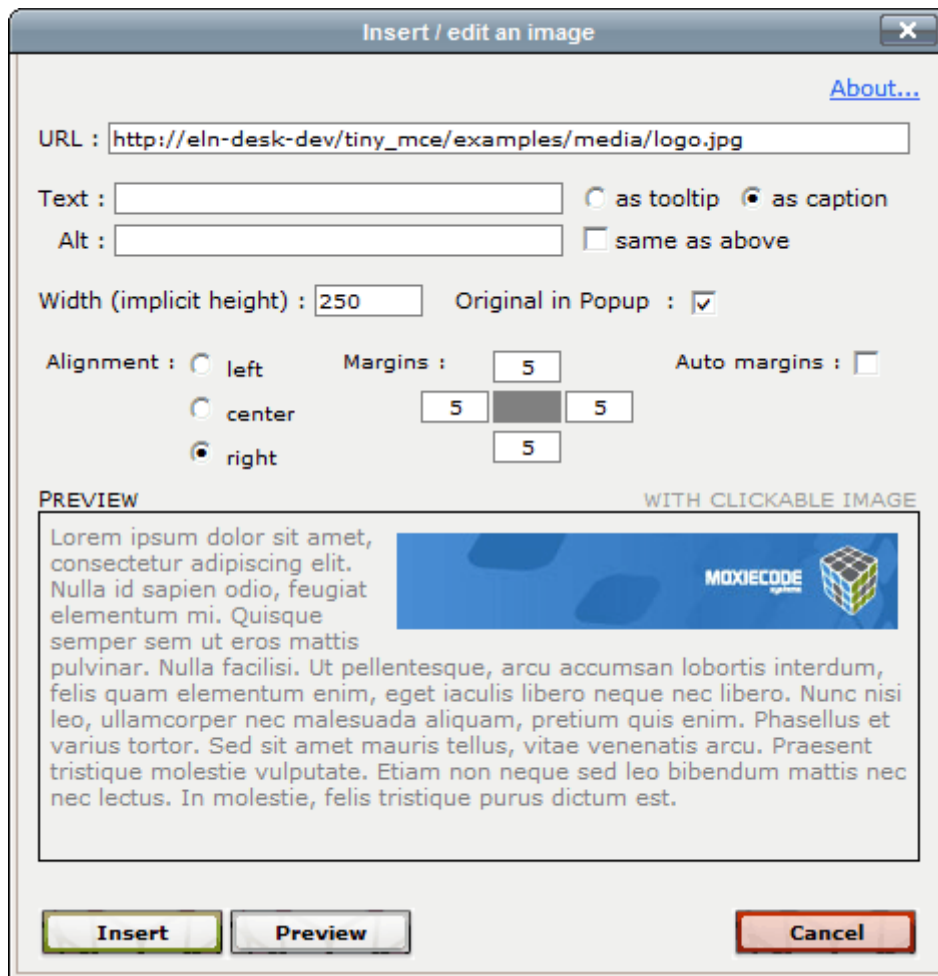
## USE & FEATURES

Once installed, EasyImage appears in the toolbars in the form of this button : 

To insert an image, you just have to click at location you want to place-it in the edited document, to click on the EasyImage button, then enter its URL.

To adjust settings and layout about an existing (already inserted) image in the document, you just have to click on this image, then on the EasyImage button.

Once the EasyImage's dialog-box on screen (illustration below), and though it's very intuitive (it was the goal), here's what you can and can not do...



### What EasyImage cannot do :

- As « advimage », « ezimage » doesn't allow to select an image to insert with mouse. Both are mainly dedicated to edit settings about an inserted image rather than to take in charge its insertion itself. Nevertheless, if you would like to insert an image with EasyImage, you'll just have to enter the URL in the right field.
- As « advimage », « ezimage » doesn't allow the image upload from a remote user's machine. The image to insert must already be present online on a server, so that you can enter its URL in « ezimage ».

Tip : even if neither advimage nor ezimage manage neither the file selection nor the upload, if you wish to gain the best comfort and take in charge the image insertion through a graphic user interface (without input

by hand), you should take a look at the commercial plugin (no freeware) from Moxiecode : MC Image Manager, or a free alternative like iManager, iBrowser, etc.

### What you can do with EasyImage :

- **URL** : input the address of an image to insert or modify an existing one.
- **Tooltip** : indicate a description which will appear on mouseover.  
**Caption** : indicate a description to display under the image.
- **Alt** : foresee a title in case the image couldn't be displayed, or awaiting its loading.
- **Width** : force the image width (the height will be computed to keep ratio) ; you have to delete this field to do the plugin restore the original dimensions.
- **Popup** : allows display of the original image, in real size, in a pop-up window ; this option can be useful if the image has been reduced (see « width »).
- **Alignment** : adjust the image positioning against the text near ; the obtained effect is immediately visible in the preview.
- **Margins (auto or by hand)** : adjust the four margins (top, bottom, left and right) around the image ; if the option « Auto margins » is checked, they are automatically calculated according to the alignment.
- **Preview** : all change having an impact on the layout (for example the alignment, the margins or a caption) will be visible in the preview. If the preview wasn't updated by itself, you can force its refresh using the eponymous button.
- **Insert** : this button applies all the settings performed in ezimage to the real document in the TinyMCE editor.
- **Cancel** : this button allow to abandon all the current settings ; the image will be as it was before plugin call.
- **About** : this link displays some informations about the EasyImage plugin.

Obviously, the settings and layout about an image can be extended to infinity and you could need to adjust something which is not taken in charge by ezimage (for example, a border). In such case, three ways, from the quickest to the slowest one :

1. Add a complementary plugin which should take in charge this specific setting (advimage maybe). Once installed, it will be the fastest.
2. Add what required by yourself, going through the HTML edition mode, no WYSIWYG (a one pixel gray border will be for example the adjonction of a style of the form « style="border: 1px solid gray" » in the image's properties). Relatively fast, but repetitive.
3. Modify EasyImage without to forget to remain in agreement with the license as edicted ahead of this documentation. If you are Web developer Web, it should be easier than to go from scratch in the creation of a new plugin.

4. Ask me to add the feature you need... It's the easier (for you), but I can not guarantee neither to do-it nor to do-it fast in all situations ; all of this depend of your demand and my schedule of the moment. The best is to ask me as accurately as possible.

Hoping EasyImage will simplify you the image edition, as it was for me.

## **HISTORIC**

- 1.0 of 2012/07/26 : 1<sup>st</sup> standalone public release.
- 1.0 β of 2009/05/15 : 1<sup>st</sup> release embedded in BlosHome 1.0.

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Eric Lequien is software author on <http://ffh-lab.com> and novelist on <http://eric-lequien-esposti.com>