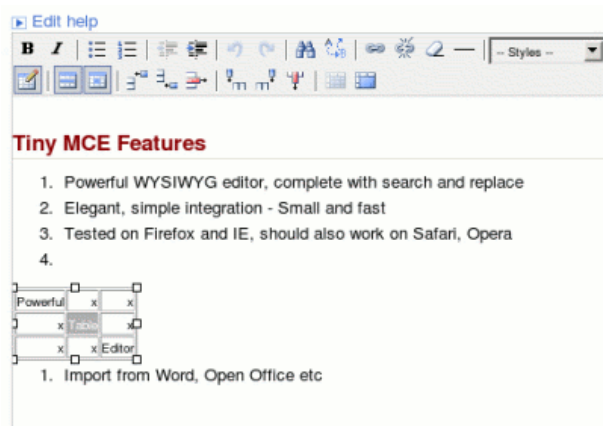


Table of Contents


TinyMCEPlugin.....	1
Introduction.....	1
Editor Notes.....	1
Installation Instructions.....	1
Settings.....	2
Configuring the buttons on TWiki < 4.2.0.....	5
Plugin Info.....	5

TinyMCEPlugin



Integration of the TinyMCE WYSIWYG Editor

Introduction

This is an integration of the  WYSIWYG editor. This is great little editor, fast and highly functional, and supporting a wide range of browsers, including Firefox, IE and Safari. At the time of writing it doesn't work with Opera or Konqueror.

The integration uses the `TWiki:Plugins.WysiwygPlugin` to translate text to and from a format that TinyMCE can edit.

Unlike the other editor integrations in TWiki, which install "Word in a Browser" style editors, this plugin is able to swap out the *standard* text areas in an edit and replace them with WYSIWYG editors. This means you get WYSIWYG editors for textareas in forms, as well as for the main text of the topic. It can also co-exist alongside other WYSIWYG editors, such as Kupu.

The editor automatically "switches itself off" (i.e. reverts to the old text-only window) when editing topics that contain TWiki content it can't handle, such as complex TWiki variables.

Editor Notes

The editor uses a translator module to convert from TWiki markup language (TML) to HTML and back. The translator converts special TWiki tags - such as `%VARIABLES%` - to plain text, and encloses them within HTML spans using a special style called `WYSIWYG_PROTECTED`. In this way the editor can detect text that is not meant to be HTML formatted. This style is *also* used to protect special text you enter into the editor from being interpreted when the topic is translated back into TML. If you want to add any special TWiki features that are sensitive to formatting, such as `Set` statements, then you have to format those regions using 'Protect on save' or 'Protect forever'.

Installation Instructions

NOTES:

- This plugin comes pre-installed on TWiki. You should only need to re-install if there is an upgrade to the plugin.
- It requires the very latest revision of `WysiwygPlugin`. It will **not** work with the version shipped with TWiki 4.1.2.

TinyMCEPlugin < TWiki < TWiki

- When installed, it **replaces** the old "textarea" editor. If you want to maintain access to the old editor from the standard screens, follow the instructions under [Configuring the buttons on TWiki < 4.2.0](#).

First follow the installation instructions to install the Plugin:

You do not need to install anything in the browser to use this extension. The following instructions are for the administrator who installs the extension on the server where TWiki is running.

Like many other TWiki extensions, this module is shipped with a fully automatic installer script written using the BuildContrib.

- If you have TWiki 4.2 or later, you can install from the `configure` interface (Go to Plugins->Find More Extensions)
 - ◆ See the installation supplement on [TWiki.org](#) for more information.
- If you have any problems, then you can still install manually from the command-line:
 1. Download one of the `.zip` or `.tgz` archives
 2. Unpack the archive in the root directory of your TWiki installation.
 3. Run the installer script (`perl <module>_installer`)
 4. Run `configure` and enable the module, if it is a plugin.
 5. Repeat for any missing dependencies.
- If you are **still** having problems, then instead of running the installer script:
 1. Make sure that the file permissions allow the webserver user to access all files.
 2. Check in any installed files that have existing `, v` files in your existing install (take care **not** to lock the files when you check in)
 3. Manually edit `LocalSite.cfg` to set any configuration variables.
- **Enable** the `WysiwygPlugin` in `configure`.
- **Enable** the `TinyMCEPlugin` in `configure`.
- **Click** on edit of any topic.

Settings

You can override this setting by defining `TINYMCEPLUGIN_DEBUG` to enable some simple debug features.

- Set `DEBUG = 0`

This setting contains all the options passed to the TinyMCE editor on startup. For a full explanation of the available options, and guidance on reconfiguring TinyMCE, see the [Moxicode TinyMCE Wiki](#) . Note the inclusion of the Pattern Skin standard CSS files in the `content_css` setting.

```
* Set INIT = mode:"textareas",
editor_selector : "twikiTextarea",
save_on_tinymce_forms: true,
cleanup : true,
theme : "advanced",
convert_urls : true,
relative_urls : false,
remove_script_host : false,
setupcontent_callback : TWikiTiny.setupContent,
urlconverter_callback : "TWikiTiny.convertLink",
hide_instance_callback : TWikiTiny.switchToRaw,
show_instance_callback : TWikiTiny.switchToWYSIWYG,
twikipuburl_callback : "TWikiTiny.convertPubURL",
save_callback : "TWikiTiny.saveCallback",
%IF{"$TINYMCEPLUGIN_DEBUG" then="debug:true,"}%
plugins : "table,searchreplace,autosave,paste,twikibuttons,twikiimage%IF{"$TINYMCEPLUGIN_DEBUG"
```

TinyMCEPlugin < TWiki < TWiki

```
twiki_secret_id : "%WYSIWYG_SECRET_ID%",
twiki_vars : { PUBURLPATH : "%PUBURLPATH%", PUBURL : "%PUBURL%", WEB : "%WEB%", TOPIC : "%TOPIC%" },
theme_advanced_toolbar_align : "left",
wikibuttons_formats : [
{ name: "Normal", el: "", style: null },
{ name: "Heading 1", el: "h1", style: false },
{ name: "Heading 2", el: "h2", style: false },
{ name: "Heading 3", el: "h3", style: false },
{ name: "Heading 4", el: "h4", style: false },
{ name: "Heading 5", el: "h5", style: false },
{ name: "Heading 6", el: "h6", style: false },
{ name: "VERBATIM", el: "pre", style: "TMLverbatim" },
{ name: "LITERAL", el: "span", style: "WYSIWYG_LITERAL" },
{ name: "Protect on save", el: null, style: "WYSIWYG_PROTECTED" },
{ name: "Protect forever", el: null, style: "WYSIWYG_STICKY" }
],
paste_create_paragraphs : true,
paste_create_linebreaks : false,
paste_convert_middot_lists : true,
paste_convert_headers_to_strong : false,
paste_remove_spans : true,
paste_remove_styles : true,
paste_strip_class_attributes : "all",
theme_advanced_buttons1 : "twikiformat,separator,bold,italic,tt,colour,removeformat,separator",
theme_advanced_buttons2 : "tablecontrols,separator,code,hide",
theme_advanced_buttons3 : "",
theme_advanced_toolbar_location : "top",
theme_advanced_resize_horizontal : false,
theme_advanced_resizing : true,
theme_advanced_path : false,
theme_advanced_statusbar_location : "bottom",
content_css : "%PUBURLPATH%/%SYSTEMWEB%/TinyMCEPlugin/wysiwyg%IF{"$TINYMCEPLUGIN_DEBUG" then="
```

- Additional settings for specific browsers.
 - ◆ **Warning:** if you enable `paste_auto_cleanup_on_paste` then it automatically implies `=past_use_dialog` on all non-MSIE browsers.
 - ◆ Set `INIT_MSIE = paste_auto_cleanup_on_paste : true`
 - ◆ Set `INIT_OPERA =`
 - ◆ Set `INIT_GECKO =`
 - ◆ Set `INIT_SAFARI =`

You can override these settings in the same way as any other TWiki variable, by setting e.g. `TINYMCEPLUGIN_INIT` in the site, web or topic preferences. You are **not** recommended to edit the setting here.

- You can **disable** the plugin in any web or topic, or for any specific user, by setting the `TINYMCEPLUGIN_DISABLE` preferences setting to 1.
 - ◆ Alternatively (preferred), you can give the user an option to use the WYSIWYG editor or raw editor with the `EDITMETHOD` preferences setting set to `wysiwyg` (default) or `raw`.
- Some browsers don't support TinyMCE. You can prevent the editor from being invoked on these browsers by setting `TINYMCEPLUGIN_BAD_BROWSERS` to a regular expression that matches the user-agent string for any broken browsers. The default is `(?i-xsm:Konqueror|Opera)`.

The **global** TWiki Variable `WYSIWYG_EXCLUDE` can be set to make the plugin sensitive to what is in a topic, before allowing it to be edited. You can set it up to veto an edit if the topic contains:

- `html` - HTML tags (e.g. `<div>`, not including `
`), or
- `variables` - simple variables (e.g. `%VAR%`) or
- `calls` - TWiki variables with parameters e.g. `%VARIABLE{...}%`
- `pre` blocks (`<pre>`)

- HTML comments (<!-- ... -->)

If the plugin detects an excluded construct in the topic, it will refuse to allow the edit and will redirect to the default editor.

If you excluded calls in WYSIWYG_EXCLUDE, you can still define a subset of TWiki variables that do **not** block edits. this is done in the **global** TWiki variable WYSIWYG_EDITABLE_CALLS, which should be a list of TWiki variable names separated by vertical bars, with no spaces, e.g: * Set
WYSIWYG_EDITABLE_CALLS = COMMENT|CALENDAR|INCLUDE

You should set WYSIWYG_EXCLUDE and WYSIWYG_EDITABLE_CALLS in TWikiPreferences, or in WebPreferences for each web.

You can define the global variable WYSIWYGPLUGIN_STICKYBITS to stop the plugin from ever trying to convert specific HTML tags into HTML when certain specific attributes are present on the tag. This is most useful when you have styling or alignment information in tags that must be preserved.

This variable is used to tell the translator which attributes, when present on a tag, make it "stick" i.e. block conversion. For example, setting it to table=background, lang;tr=valign will stop the translator from trying to handle any table tag that has background or lang attributes, and any tr tag that has a valign attribute.

You can use perl regular expressions to match tag and attribute names, so .*=id,on.* will ensure that any tag with an on* event handler is kept as HTML.

The default setting for this variable is:

```
.*=id,lang,title,dir,on.*;
A=accesskey,coords,shape,target;
BDO=dir;
BR=clear;
COL=char,charoff,span,valign,width;
COLGROUP=align,char,charoff,span,valign,width;
DIR=compact;
DIV=align;
DL=compact;
FONT=size,face;
H\d=align;
HR=align,noshade,size,width;
LEGEND=accesskey,align;
LI=type,value;
OL=compact,start,type;
P=align;
PARAM=name,type,value,valuetype;
PRE=width;
Q=cite;
TABLE=align,bgcolor,border,cellpadding,cellspacing,frame,rules,summary,width;
TBODY=align,char,charoff,valign;
TD=abbr,align,axis,bgcolor,char,charoff,colspan,headers,height,nowrap,rowspan,scope,valign,width;
TFOOT=align,char,charoff,valign;
TH=abbr,align,axis,bgcolor,char,charoff,colspan,height,nowrap,rowspan,scope,valign,width,headers;
THEAD=align,char,charoff,valign;
TR=bgcolor,char,charoff,valign;
UL=compact,type
```

If you edit using the plain-text editor, you can use the <sticky>.</sticky> tags to delimit HTML (or TML) that you do **not** want to be WYSIWYG edited.

Configuring the buttons on TWiki < 4.2.0

When installed on TWiki versions before 4.2.0, this plugin **replaces** the old textarea editor with the TinyMCE editor. The shock of this change can be too much for some older contributors, so we have written instructions for reconfiguring your templates in TWiki:Plugins.TinyMCEFrequentlyAskedQuestions .

Plugin Info

Many thanks to the following sponsors for supporting this work:

- ILOG
- Carrier Corporation
- Twiki, Inc.

Plugin Author:	TWiki:Main.CrawfordCurrie
Copyright:	© 2007-2008 Crawford Currie http://c-dot.co.uk , © 2007-2011 TWiki:TWiki.TWikiContributor
	This package also includes the complete sources for version 3.2.4.1 of the TinyMCE editor
License:	GPL (Gnu General Public License)
Plugin Version:	2011-07-10 21643 (2011-08-20)
Change History:	
2011-07-10:	TWikibug:Item6725 : Change global package variables from "use vars" to "our"
2010-11-05	TWikibug:Item6604 : Add documentation for EDITMETHOD setting
2010-04-24	TWikibug:Item6433 : Doc improvements, prepare for TWiki 5.0 release
2009-09-08	TWikibug:Item6334 : Upgrade plugin to latest TinyMCE version 3.2.4.1 from 2.1.1.1 -- TWiki:Main/SopanShewale
03 Aug 2008	TWiki 4.2.1 release version
04 May 2008	TWikibug:Item5547 : Change mechanism by which TMCE recognises textareas to camp on. Use class instead of element name.
12 Apr 2008	TWikibug:Item4946 : I think I have finally fixed non-iso-8859-1 character sets. Painful.
31 Mar 2008	TWikibug:Item5314 : TWikibug:Item5457 : Fixed pickaxe mode for editing UTF-8. Characters above 255 are converted to entitites, which is a bit of a PITA, but at least it no longer corrupts topics. NOTE: YOU MUST UPGRADE WysiwygPlugin TO 16600 OR LATER
28 Mar 2008	TWikibug:Item5432 : added upper case file extensions for images TWikibug:Item5206 : fixed expansion of simple filenames entered in image popup TWikibug:Item5462 : fixed hide attachment switch
25 Jan 2008	TWikibug:Item5287 : links entered through dialog weren't working
24 Jan 2008	TWikibug:Item4840 : TWikibug:Item5138 : UTF8 fixes, TWikibug:Item5022 : made TT font size same as verbatim. Had to add a new style to do it, as TMCE didn't want to play with TT or CODE tags. TWikibug:Item5138 : post-conversion of 8-bit entities to characters to aid searching, TWikibug:Item5254 : non-fatal JS error fixed, TWikibug:Item5263 : remove preview on WYSIWYG edit, TWikibug:Item5116 : added Opera to bad browsers filter
20 Dec 2007	TWikibug:Item5047 : disable save and preview during page load TWikibug:Item5111 : make the entry in the format menu sensitive to where the cursor is TWikibug:Item5022 : made TT font size same as verbatim. Had to add a new style to do it, as TMCE didn't want to play with TT or CODE tags.
19 Nov 2007	TWikibug:Item4742 : auto-disable if Wysiwyg is not enabled TWikibug:Item4820 : validate mandatory fields on save TWikibug:Item4747 : add <sticky> TWikibug:Item4811 : noautolink looks like an HTML construct but in fact is not; the tag is infact an "on-off" switch and does not imply any HTML structure, so cannot be converted to a

TinyMCEPlugin < TWiki < TWiki

	DIV or a span, so has to be removed. TWikibug:Item4817 : added typewriter text button TWikibug:Item4850 : added font colour controls TWikibug:Item4645 : added attachment management features TWikibug:Item4945 : added switch to raw and back		
16 Sep 2007	TWikibug:Item4630 : polished up the way the secret string is done, to ensure synch between perl and JS. TWikibug:Item4622 : added UTF-8 handling steps that fixup malformed UTF8 strings before presenting them to the editor (saves Moz) and stops the editor passing them back to TWiki (saves IE). TWikibug:Item4603 : added the draft help, so we can at least build the beta without the nasty warning		
13 Sep 2007	TWikibug:Item4613 fixed navigate-away prompt when unchanged TWikibug:Item4583 TWikibug:Item4604 TWikibug:Item4614 TWikibug:Item4616 A clutch of issues caused by use of the wrong encoding function when passing UTF8 parameters to REST using XMLHttpRequest.		
12 Sep 2007	TWikibug:Item4604 Converted to REST call for content conversion, to provide safe callback if JS is disabled in the browser TWikibug:Item4583 relaxed regex to try and make it work for UTF-8 topic names		
11 Sep 2007	TWikibug:Item4535 refinements to link handling to improve topic name recognition		
7 Sep 2007	TWikibug:Item4503 excess empty lines TWikibug:Item4486 no toc headers with unofficial syntax TWikibug:Item4560 : empty lines lost TWikibug:Item4566 : corrupted table on save		
6 Sep 2007	TWikibug:Item4557 added missing files to package		
4 Sep 2007	TWikibug:Item4534 TWikibug:Item4535 fixed		
14679	TWikibug:Item4481 TWikibug:Item4524 fixed		
14668	Bugfixes and refinements done as part of 4.2 release		
14543	Added PROTECTED style, to allow protection of special text. Disable on unsupported browsers (untested)		
14538	First release		
Dependencies:	Name	Version	Description
	TWiki::Plugins::BehaviourContrib	>=15357	Javascript module
	TWiki::Plugins::WysiwygPlugin	>=16650	Translator module
Plugin Home:	http://twiki.org/cgi-bin/view/Plugins/TinyMCEPlugin		
Feedback:	http://twiki.org/cgi-bin/view/Plugins/TinyMCEPluginDev		
Appraisal:	http://twiki.org/cgi-bin/view/Plugins/TinyMCEPluginAppraisal		

This topic: TWiki > TinyMCEPlugin

Topic revision: r9 - 2011-07-10 - TWikiContributor



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Ideas, requests, problems regarding TWiki? Send feedback

Note: Please contribute updates to this topic on TWiki.org at TWiki:TWiki.TinyMCEPlugin.