

# CKEditor4

On 2013-02-18, Arildb upgraded CKEditor to 4.0 in trunk

The target for the CKEditor 4 integration is to upgrade to the new version of CKEditor for Tiki 11 and move it out of "experimental". The current functionality should be supported "as is".

New features in CKEditor 4, e.g. inline editing, can be added once the core editor is upgraded. A new experimental branch ckeditor4 is established to integrate the new features.

The current CKEditor 4 integration is based on the "Standard" download package. See <http://ckeditor.com/blog/Intro-to-Customizing-CKEditor-4> for more info. One important passage: "The Standard package doesn't include plugins like Alignment, Font Size, Color and a few other typical buttons. Why? Because modern websites predefine those things in CSS to avoid low quality content. Users should not "play around" with formatting. Web standards are increasingly more focused on the semantic information of texts. The Standard CKEditor comes with all the necessary tools to create "good web content". The idea is teaching our users about the best way for a "better web", so we made Standard the default option."

## 2013-07-29 Inline Edit: False positives visible in wiki diff after edit

They are not false positives. Check the difference in length between the sections.

The problem is that an extra image is being inserted when inline editing .

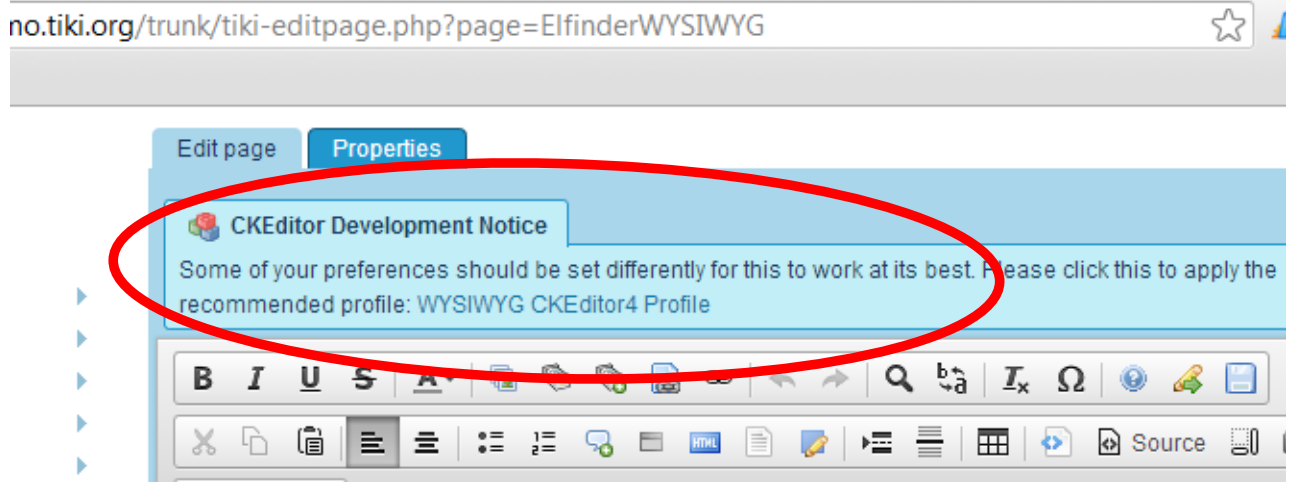
Fixed in r47240

## 2013-07-29 Browser detection is required

With Firefox for Android, Opera for Android and the native Android browser, WYSIWYG editing just spins forever. When WYSIWYG-wiki, it should revert to wiki syntax in a regular text box. For HTML-WYSIWYG, either just error message or let user edit HTML in text mode.

## Action items from 2013-02-21 conference call

- get demo sites up (Pascal) Done
- Revisit in 2-3 weeks to see if on track for Tiki11 with CKEditor4 CKEditor is integrated
- Revisit the default tools to be cleaner (Geoff). toolbars have been updated
  - <http://sourceforge.net/p/tikiwiki/code/41080>
- Prefs dependencies instead of profile A profile is no longer used



## Where to test and demo issues

- 11.x
  - <http://demo.tiki.org/wysiwyg-html-11x/>
  - <http://demo.tiki.org/wysiwyg-wiki-11x/>
- ExperimentalBranches ckeditor4 for inline editing, etc.
  - <http://demo.tiki.org/wysiwyg-html-trunk/>
  - <http://demo.tiki.org/wysiwyg-wiki-trunk/>

These are places to show off issues. We make more than one demo sites because the various modes are mutually exclusive and we need a place to show off issues for each.


## Questions

- How can we reset toolbar to default?
  - [http://demo.tiki.org/wysiwyg-html-11x/tiki-admin\\_toolbars.php](http://demo.tiki.org/wysiwyg-html-11x/tiki-admin_toolbars.php)
  - [http://demo.tiki.org/wysiwyg-wiki-11x/tiki-admin\\_toolbars.php](http://demo.tiki.org/wysiwyg-wiki-11x/tiki-admin_toolbars.php)

## Regressions

- Disabled BiDi functions, due to JS error
- looks like the toolbar settings are not being observed ie missing icons etc
  - FIXED
  - The toolbars look ok to me now. Is it solved?
- when editing a plugin, double clicking the grey box opens the plugin editor correctly, but a subsequent edit and Insert does not close the editor – had to click top right to do that – plus the plugin was not updated in place – instead it placed another version at the top of page (similar to bug mentioned above)
  - FIXED - but the key issue of paragraph/line feed handling is still to be resolved
  - seems to happen globally in Tiki now for me - it does not close the dialog in wiki mode too
- cannot resize the width of the edit screen - height resizes OK
  - I am not sure if this is a bug. Using a fixed-width layout, it seems correct that the editor only scales in height.

- it always used to do this - and on many occasions you need to increase the width of the edit screen to make editing easier
- There is a "You need apply profile feature\_optional" in the admin wysiwyg panel. The profile doesn't seem to work
 

Wysiwyg Editor is displayed by default 
  
 You need apply profile feature\_optional
- Profiles are no longer used.

## Old bugs

- ~~missing bullet indent icon in toolbars~~ fixed
  - This should be solved with the latest toolbar update
  - Yes fixed and I backported jonny's fix to 10.x
- maketoc does not pickup header tags with attributes, as can be seen on <http://demo.tiki.org/wysiwyg-html/tiki-index.php?page=AB+sample+page+to+html>.
  - Same in 9x.
  - See <http://show.tiki.org/wysiwyg-html/tiki-index.php?page=Sample+Page> for an example
- iframe plugin gets corrupted and loses data. See: <http://demo.tiki.org/wysiwyg-html/tiki-index.php?page=ab+iframe+test>. Same problem in 10.
  - Should be fixed in r46137
- The anchor tag is stripped away in wysiwyg-html
  - Seems to work now

## Not sure if regression or old bug

### Default home page has issue with PluginDIV

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### Extra lines appearing in WYSIWYG-HTML

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### Use of selected text is different in Wiki and WYSIWYG

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### Paste to WYSIWYG-Wiki becomes undefined

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## Old feature disappointment

- Link to `tiki-admin_toolbars.php` lost is there for wiki toolbar but not WYSIWYG toolbar
  - During the recent webinar, it was suggested to move it to the admin toolbar module

## Setting the dependencies

In the Feb-13 webinar, it was suggested to use preferences instead of a profile, to set dependencies.

# Settings needed by CkEditor4

preferences:

feature\_wysiwyg: y

feature\_wiki\_paragraph\_formatting: y

feature\_wiki\_paragraph\_formatting\_add\_br: n Changed was y

- this needs to be 'y' if you are using the standard wiki editor as well, so some code changes are needed to ignore this pref in the wysiwyg editor - see recent emails: Geoff

wysiwyg\_wiki\_parsed: y

feature\_wiki\_allowhtml: y

feature\_ajax: y

Needed for wysiwyg\_htmltowiki and "visual" plugins

ajax\_autosave: y

wysiwyg\_toolbar\_skin: moono CkEditor4 default skin

On by default but should be switched if not on

wysiwyg\_ckeditor:y

wysiwyg\_memo: y

## Alternatives

The option setting for "Wysiwyg editor" is done 3 places

- admin\include\_wysiwyg.tpl(16):
- admin\include\_wiki.tpl(100):
- include\_textarea.tpl(20):

## Current status. ~~Simplify profile.~~ No profile needed

A new profile is listed "Ckeditor 4". However, it doesn't seem to work. It seems planned to be able to trigger this from the admin wysiwyg panel.

No profile is used. The settings are updated and the editor is fixed. No profile needed.

## Use preferences

The webinar suggested not using a profile, but preferences. One advantage of this is that it doesn't require internet access to activate the settings

One way to to set the needed preferences is to have "sub panel" for the dependencies.

When "Wysiwyg editor" is selected this subpanel is displayed.

The user should the manually select all sub options. Maybe with a mark all button.

Could look like ... x = checkbox

x Wysiwyg editor

It is highly recommended to also activate the following features and option, when activating the Wysiwyg

editor.

(Select All)

x feature\_wysiwyg

x feature\_wiki\_paragraph\_formatting

x wysiwyg\_wiki\_parsed

x feature\_wiki\_allowhtml

x feature\_ajax

x ajax\_autosave

(dropdown box) wysiwyg\_toolbar\_skin: moono (default) or kama

x wysiwyg\_ckeditor

x wysiwyg\_memo

If all these subfeatures are to be included, it's a little messy to have the "Wysiwyg editor" in 3 places. So, maybe keep the option in `admin\include_wysiwyg.tpl(16)`.

For the other 2, remove the option, but maybe provide a link to the WYSIWYG admin panel?

## Further work

- <https://github.com/Studio-42/eFinder/wiki/Integration-with-CKEditor>
- See <http://ckeditor.com/blog/CKEditor-4-Launched-Inline-Editing-New-Skin-and-More> for a description of the new CkEditor 4.

## Integrating inline editing

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### WYSIWYG-Wiki

- This is an example of a custom data processor for CKEditor, which produces BBCode instead of HTML. Note that the editor here accepts BBCode not only on output but also on input. Data Processing is a powerful feature of CKEditor. By creating plugins, it is possible to make CKEditor handle different data formats transparently, like BBCode, Wiki format, Markdown, etc.
  - Has this been tried with Tiki syntax?

## Jison parser integration

The new Tiki parser needs to be integrated with CKEditor 4.

## Optimal default toolbar

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