

# RTE: FCKeditor

Extension Key: **rte\_fck2**

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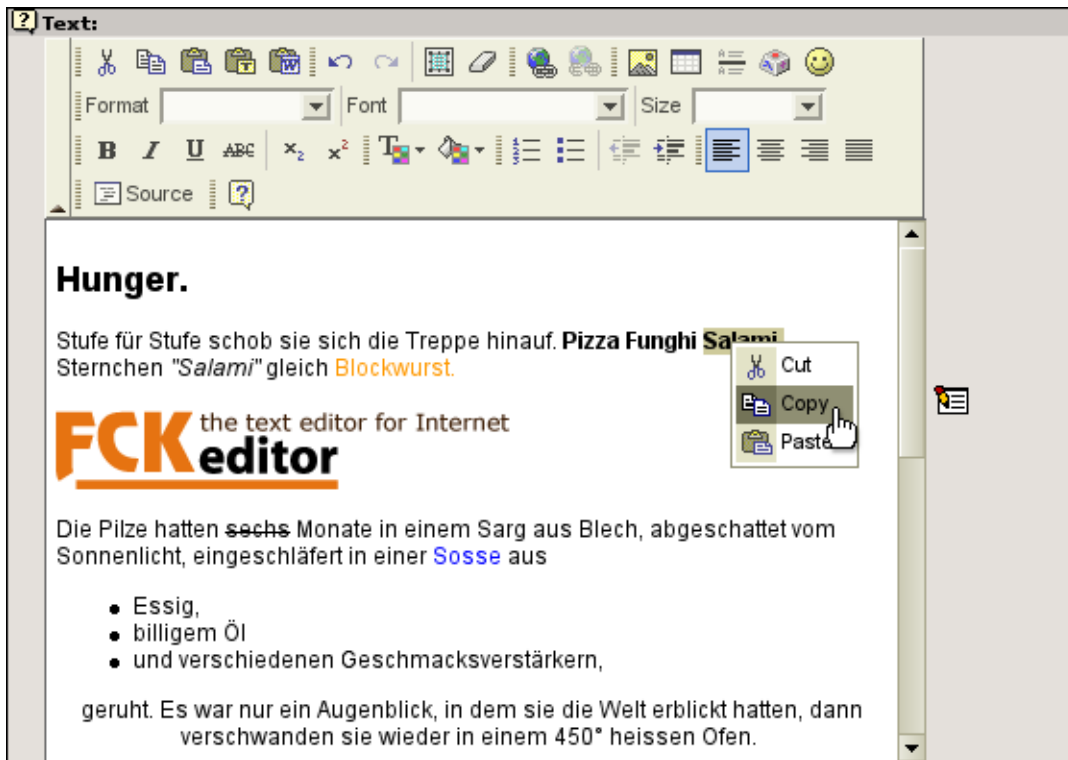
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## Introduction

RTE: FCKeditor is an alternative Rich Text Editor for the TYPO3 backend. It is based on FCKeditor (Version 2.0 FC [Final Candidate]) and works with IE and Gecko based browser.

This is an alpha release which have many bugs (I bet) and is not very well integrated into TYPO3. Also the used version of the FCKeditor is beta. This can be seen as a preview release.



## Features

### Features of the RTE integration

- Configuration of the toolbar
- Multilingual

The grey border around parenthesis of the content are not a special feature of the FCKeditor but a CCS style I find useful. A CSS with that style file is delivered with this editor and used by default.

### To-do

- TYPO3 Link chooser
- TYPO3 File chooser
- configuration of color chooser
- configuration of the text classes and fonts
- ... what else?

### Features of the FCKeditor

Please look at <http://www.fckeditor.net/>

*"This HTML text editor brings to the web many of the powerful functionalities of known desktop editors like Word. It's really lightweight and doesn't require any kind of installation in the client computer.*

*As it is Open Source, you are allowed to use it for free wherever you want. "*

- Internet Explorer 5.5+ and Gecko browser (Mozilla / Netscape) compatibility
- XHTML 1.0 support
- Font formatting: type, size, color, style, bold, italic, etc

- Text formatting: alignment, indentation, bullets list, etc
- Cut, Paste and Past as Plain Text, Undo and Redo
- Paste from Word cleanup with auto detection
- Link creation (version 1.x)
- Anchors support (version 1.x)
- Image insertion, with upload and server browsing support (version 1.x)
- Table creation and editing (add, delete rows, etc) (version 1.x)
- Table cells editing (size, colors, etc) (version 1.x)
- Right click context menus support
- Complete toolbar customization
- Skins support.
- Spell checker (version 1.x)
- CSS support for a better integration in your web site (version 1.x)
- Multi-language support with automatic client language detection. Including Right to Left reading.
- Lightweight and fast
- Automatic browser detection and customization
- For web users it's simply easy to use!

The version 1.x features are still in development for version 2 which is used in this extension.

## Configuration

### Toolbar

The toolbar can be configured in TYPO3 by using the user-manager. The configuration for the toolbar is the same as for the standard RTE – so have a look into the RTE documentation. You can use the normal configuration values:

`cut,copy,paste, formatblock, fontstyle, fontsize, bold, italic, underline, left, center, right, orderedlist, unorderedlist, outdent, indent, link, table, image, textcolor`

Additionally this RTE supports following values from the HTMLArea RTE:

`justifyfull, strikethrough, superscript, subscript`

Following values are special to this RTE:

removeFormat	removes formatting from selected text
unlink	removes a link from selected text
specialChar	opens a dialog to choose special chars
selectAll	select all
pasteText	paste clipboard text as plain text
pasteWord	paste clipboard content from Word – I guess it cleans up the ugly Word html

### RTE's and Mozilla

A general problem with the usage of RTE's and Mozilla is the restrictive copy and paste handling. Mozilla gives an error message if you try to paste content into the RTE. But you can configure Mozilla to allow pasting for one or more specific domains (or IP's).

The HTMLArea RTE extension provides a solution with an installable Mozilla Extension. Until this solution is integrated in this extension you might setup Mozilla manually.

I found it very hard to find the right user preferences file which you have to edit, especially if both Mozilla and Firefox are installed. I think the easiest way to change the preferences is with the chromEdit extension. You can get it here:

<http://cdn.mozdev.org/chromedit/>

After installation you have a menu entry under the tools menu called "Edit User Files". This opens an editor for the different preferences files. Choose user.js and the following code into the box.



```
user_pref("capability.policy.policynames", "allowclipboard");
user_pref("capability.policy.allowclipboard.sites", "http://www.example.org http://192.168.9.9");
user_pref("capability.policy.allowclipboard.Clipboard.cutcopy", "allAccess");
user_pref("capability.policy.allowclipboard.Clipboard.paste", "allAccess");
```

As you see you can define some URL's separated by spaces you want to allow pasting for.

## Developers

Here are some hints for developers and todo topics.

Feel free add features to the code. You're welcome. Just let me know what you want to do so the work don't will be done twice.

Generally I would like to see a lean implementation. For example spell checking or the Mozilla extension in Htmlarea should be in separate classes so it could be reused in several RTE implementations.

Here's a to-do list:

- check the button config
- link and image popup (please not like in Htmlarea with an non-resizeable iframe)
- implement all configuration options from TYPO3 (colors, classes, ...)
- Mozilla extension like in Htmlarea
- spell checker? (see Htmlarea)
- a *very well* done default RTE configuration in a separate extension

## Modification of FCKeditor

The editor is patched to make external configuration possible.

This is an ugly patch I found for an older version of FCKeditor. Not the patch itself is ugly but how I did it. The patch is needed to make it possible to configure the toolbars with URL parameters.

For the changes search for the files fck\_startup.js and fck\_startup.js.org

## Known problems

Enough. Send code not bug reports!

But here's a known one:

The editor creates HTML entities like `&uuml;`; instead of `ü`. I was not able to deactivate this behavior and used the PHP function `html_entity_decode()` to convert the entities back. But this is available only from PHP version 4.3 on.

# Changelog

- code cleanup – no new features
- update FCKeditor to version 2.0 FC (Final Candidate)