Configuration of FCKEditor 2.6.5

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Enable Image Upload for PHP

*Notice:*CKFinder is a great alternative to the built-in filemanager of FCKEditor. CKFinder allows
       users to delete, update and rename files. For how to install the CKFinder read "Enable
       CKFinder instead of the built-in Filemanger of FCKEditor" in this document.

Open the file FCKEditor/fckconfig.js

Set:
```
var _FileBrowserLanguage = 'php' ;
var _QuickUploadLanguage = 'php' ;
```

Open FCKeditor/editor/filemanager/connectors/php/config.php

Replace
```
$Config['Enabled'] = true ;
```
by
```
$Config['Enabled'] = checkUpload();

function checkUpload()
{
    session_start();
    return (isset($_SESSION['currentUser']));
}
```

Make sure that the given 'UserFilesPath' folder exists on the server and has write permission.
```
$Config['UserFilesPath'] = '/UserFiles/' ;
```

For TestLink we suggest:
```
$Config['UserFilesPath']='<TL_HOME>/upload_area/fckeditor_upload_area
/';
```

Replace line:
```
$Config['UserFilesAbsolutePath'] = '' ;
```
by
```
//$Config['UserFilesAbsolutePath'] = '' ;
```

Open cfg/tl_fckeditor_config.js

Set:
```
FCKConfig.LinkBrowser = true;
FCKConfig.ImageBrowser = true;
FCKConfig.FlashBrowser = true;
```
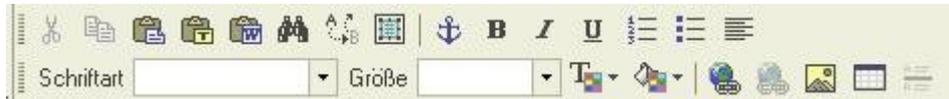
and
```
FCKConfig.LinkUpload = true;
FCKConfig.ImageUpload = true;
FCKConfig.FlashUpload = true;
```

if you want to allow Quickupload, which could result in many unsorted uploads.

Change Skins of FCKEditor

Available Skins

default

office2003
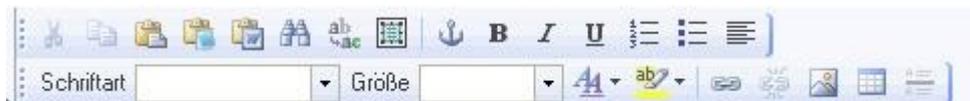
silver

Skin Configuration

Open cfg/tl_fckeditor_config.js

Search for:
```
FCKConfig.SkinPath = FCKConfig.BasePath + 'skins/default/';
```

Comment this line and uncomment the line that contains the skin you chose.

office2003
```
FCKConfig.SkinPath = FCKConfig.BasePath + 'skins/office2003/';
```

silver
```
FCKConfig.SkinPath = FCKConfig.BasePath + 'skins/silver/';
```

If you want to stick with the default skin do not make a change.

Customization of the toolbar

Available Buttons for Toolbar

Source	DocProps	Save	NewPage
Preview	Cut	Copy	Paste
PasteText	PasteWord	Print	SpellCheck
Undo	Redo	Find	Replace
SelectAll	RemoveFormat	Form	Checkbox
Radio	TextField	Textarea	Select
Button	ImageButton	HiddenField	Bold
Italic	Underline	StrikeThrough	Subscript
Superscript	OrderedList	UnorderedList	Outdent
Indent	Blockquote	CreateDiv	JustifyLeft
JustifyCenter	JustifyRight	JustifyFull	Link
Unlink	Anchor	Image	Flash
Table	Rule	Smiley	SpecialChar
Style	FontFormat	FontName	PageBreak
FontSize	TextColor	BGColor	FitWindow
ShowBlocks	About		

Defining custom toolbars

Open cfg/tl_fckeditor_config.js

Here you can create new ToolbarSets.

Special characters:

'-' creates a seperator in the toolbar.
'/' creates a new "toolbarline"

Using custom toolbars in Testlink

Open custom_config.inc.php

Configure text_editor for each area in testlink ... [see "config.inc.php"]

Spellchecker with Spellerpages (aspell)

Activation of SpellerPages

Open third_party/fckeditor/fckconfig.js

Replace line:
```
FCKConfig.SpellChecker = 'WSC';
```
by
```
FCKConfig.SpellChecker = 'SpellerPages';
```

Spellchecker on Windows Server

Download aspell from http://aspell.net/win32/ and install.

Open third_party/fckeditor/editor/fck_spellerpages/spellerpages/server-scripts/spellchecker.php

Set
```
$aspell_prog    = '"C:\Program Files\Aspell\bin\aspell.exe"';
```
according to the path where you installed aspell.

Set
```
$lang = 'en_US';
```
to the required language (e.g. de_DE). Language packs have to be installed!

Spellchecker on Linux Server

Download and install aspell via the packagemanger.

Open third_party/fckeditor/editor/fck_spellerpages/spellerpages/server-scripts/spellchecker.php

Replace line:
```
//$aspell_prog   = 'aspell';
```
by
```
$aspell_prog    = '/usr/bin/aspell';
```

Replace line:
```
$aspell_prog    = '"C:\Program Files\Aspell\bin\aspell.exe"';
```
by
```
//$aspell_prog  = '"C:\Program Files\Aspell\bin\aspell.exe"';
```

Set
```
$lang = 'en_US';
```
to the required language (e.g. de_DE). Language packs have to be installed!

Add SpellChecker button to toolbar

insert 'SpellCheck' into your ToolbarSet (read "Customization of the Toolbar" in this document)

Definition of Templates

Open third_party/fckeditor/fcktemplates.xml

XML-structure to create templates

```
<Template title="title" image="image.gif">
      <Description> description </Description>
      <Html>
            <![CDATA[
                  html-code
            ]]>
      </Html>
</Template>
```

Special characters in xml
Those special characters must be in xml-format in order to display correct. You may need those characters for the title and description in the template.

&	&
'	'
<	<
>	>
"	"
Ä	Ä
Ö	Ö
Ü	Ü
ä	ä
ö	ö
ü	ü
ß	ß

"Preview-images" for templates

Open third_party/fckeditor/editor/dialog/fck_template/images

Here you can put all the images you want to use for templates. The image to be used is specified in fcktemplates.xml.

Add templates button to toolbar

insert 'Templates' into your ToolbarSet (read "Customization of the Toolbar" in this document)

Enable CKFinder instead of the built-in Filemanger of FCKEditor

What is CKFinder?

"CKFinder is a powerful and easy to use Ajax file manager for web browsers. Its simple interface makes it intuitive and quick to learn for all kinds of users, from advanced professionals to Internet beginners."

Features

- Folders tree navigation: intuitive for all users.
- Quality image thumbnails, making it quick to find things.
- Multi-language support with automatic user language detection.
- Sensitive context menus for files and folders.
- Full user control: create, rename and delete folders and files.
- Full developer control: all features can be precisely configured with a powerful ACL and user roles system.
- Lightweight interface.
- No page refreshes: quick responses.
- Secure file uploads: all uploaded files are checked according to the rules set by the developer.
- Full source code included for the server side integration.
- Instant integration with FCKeditor and CKEditor

Download CKFinder

You can download CKFinder for PHP here:
http://ckfinder.com/download

License

You can find the full license here: http://ckfinder.com/license

If you did not pay for a license, you may use unlicensed copies of CKFinder for the exclusive purpose of demonstration. In this case you will be using CKFinder in "demo mode". Without derogating from the forgoing, you may not use CKFinder in "demo mode" for commercial purposes. CKFinder shall be used only for evaluation purposes and may not be used or disclosed for any other purposes, including without limitation, external distribution or software development. You may not remove demo notices from the interface nor disable the ability to display such notices or otherwise modify CKFinder. Product support is not offered for CKFinder in "demo mode". [excerpt from ckfinder license]

Install CKFinder

Copy ckfinder to <TLHOME>/third_party

Enable CKFinder

Open cfg/tl_fckeditor_config.js

uncomment those lines:
```
FCKConfig.LinkBrowserURL = '../../../ckfinder/ckfinder.html' ;
FCKConfig.ImageBrowserURL = '../../../ckfinder/ckfinder.html?type=Images'
;
FCKConfig.FlashBrowserURL = '../../../ckfinder/ckfinder.html?
type=Flash' ;
FCKConfig.LinkUploadURL =
'../../../ckfinder/core/connector/php/connector.php?
command=QuickUpload&type=Files' ;
FCKConfig.ImageUploadURL =
'../../../ckfinder/core/connector/php/connector.php?
command=QuickUpload&type=Images' ;
FCKConfig.FlashUploadURL =
'../../../ckfinder/core/connector/php/connector.php?
command=QuickUpload&type=Flash' ;
```

Open third_party/ckfinder/config.php

In the function *CheckAuthentication()* you must implement some kind of session validation. If not
EVERYONE is allowed to upload,delete or rename Images.

For testing purpose, replace:
```
return false;
```
by
```
session_start();
return (isset($_SESSION['currentUser']));
```

The baseurl tells ckinfder where to store files on your fileserver. Make sure that the given 'baseUrl'
folder exists in the server and has write permission.

We suggest:
```
$baseUrl = '<TLHOME>/upload_area/fckeditor_upload_area/';
```

Open cfg/tl_fckeditor_config.js

Set:
```
FCKConfig.LinkBrowser = true;
FCKConfig.ImageBrowser = true;
FCKConfig.FlashBrowser = true;
```

and
```
FCKConfig.LinkUpload = true;
FCKConfig.ImageUpload = true;
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```

if you want to allow Quickupload, which could result in many unsorted uploads.