

CKEditor Provider “Magic”

HELPFUL TIPS, TWEAKS, AND PLUGINS



CKEditor™

The background is a dark blue gradient. On the left side, there are several parallel teal lines that form a corner-like shape, extending from the top left towards the bottom. On the bottom right, there are several parallel teal lines that form a diagonal shape, extending from the bottom left towards the top right. The text is centered in the upper half of the image.

Steve Krantzman

DNN ENTHUSIAST!

Previous Blogs On CKEditor Provider

- Customizing DNN's Default HTML Editor Provider – CKEditorProvider – DNNCommunity.org
 - <https://dnncommunity.org/blogs/Post/8202/Customizing-DNN-s-Default-HTML-Editor-Provider-CKEdit>
- Adding Custom Styles to CKEditorProvider – DNNCommunity.org
 - <https://dnncommunity.org/blogs/Post/8371/Adding-Custom-Styles-to-CKEditorProvider>

Disclaimer!

- Don't use the HTML module to add content to your DNN webpages.
- Do use OpenContent, or 2sxc modules to add structured content to your site, as these are far superior options.
- In the event that you need to use the HTML module, then lets try to make it as user friendly as possible!

Today's Discussion

- History of CKEditor, and DNN HTML Editor Providers
- Some Helpful CKEditor Configuration Changes
- Missing Plugin – How to add them back
- Additional Free Plugins – Add additional functionality
- Paid Plugins – If you have nothing better to spend your money on

History of CKEditor

- Created in 2003 by Frederico Knabben and was originally called FCKeditor (FCK after Frederico C. Knabben)
- In 2009 FCKeditor was totally rewritten and became CKEditor 3
- In 2012 CKEditor 4 was released with Inline Editing and Paid Plugins (current version 4.16.1)
- in 2018 CKEditor was once again totally rewritten to focus on speed and performance and was released as CKEditor 5
- CKEditor 4 and CKEditor 5 are both currently being maintained and developed.

History of DNN HTML Editor Providers

DNN Version	HTML Editor Provider
• 2.0.3 – 2.1.2	Ftb3HtmlEditorProvider (FreeTextBox)
• 3.0.0 – 5.3.3	FckHtmlEditorProvider (FCKEditor 1-2)
• 5.4.0 – 6.1.5	TelerikEditorProvider (Telerik RadEditor)
• 6.2.0 – 7.4.2	RadEditorProvider (Telerik RadEditor)
• 8.0.0 – 9.8.1	DNNConnect.CKEditorProvider (CKEditor 4)
• 9.9.0 – ?	DNNConnect.CKE (CKEditor 4)

History of CKEditor Provider

- Created by Ingo (w8tcha on Github) for DNN 8.x and called “dnnckeditor”
 - Repo now archived
 - Last version of CKEditor used is 4.12.1
- DNN-Connect released a forked version in 2015 (Joe Brinkman) and was called “DNN-Connect CKEditor Provider”
 - Repo now archived
 - Last version of CKEditor used is 4.5.3 in DNN 9.8.x
- DNN.Platform took over development of CKEditor in late 2020 and it is now called “DNNConnect.CKE”
 - Latest version of CKEditor used is 4.15.1 and was released in DNN 9.9.0

Some Configuration Setting Changes

- Spell Checking
 - DisableNativeSpellChecker (default set to true)
 - Uncheck to use browser's spell checker
 - Add SCAYT (spell check as you type) button to toolbar
 - Optional – Enable Scayt_AutoStarup

Missing Plugins

- CodeMirror (codemirror)
 - Makes it easier to work with source code
 - Source Syntax Highlighting
 - Auto Format Code
 - Auto Close Tags
 - Set Theme
- Keep TextSelection (textselection)
 - Highlight selected code when switching back and forth to and from source view
- Media Embed (oEmbed)
 - Embed video, audio, photo, and other rich media content
 - <https://ckeditor.com/cke4/addon/oembed>

Add Plugins That Do Not Have Buttons

1. Download Plugin appropriate to CKEditor Version used in DNNConnect.CKE or CKEditorProvider
2. Copy plugin to CKEditor's plugin folder
3. Add plugin name to "ExtraPlugings" property of config

Additional Free Plugins

- **Accessibility Checker (a11ychecker)**
 - Quickly find accessibility errors in your code and fix them
- **Table Resize (tableresize)**
 - Resize table and or cells by dragging
- **Developer Tools (devtools)**
 - Identify component names in CKEditor Dialog Boxes (tooltips)

Adding a plugin that has a button

1. Download Plugin appropriate to CKEditor Version used in DNNConnect.CKE or CKEditorProvider
2. Copy plugin to CKEditor's plugin folder
3. Add plugin name to "ExtraPlugings" property of config
4. Copy plugin's button icon file and paste in DNNConnect.CKE's icon folder
5. Edit "/portals/0/Dnn.CKToolbarsButtons.xml" file and add plugin name and icon name
6. Add icon to toolbar in CKEditor settings

Free Plugin – Working but can't create or modify templates.

- Content Templates (templates)
 - Allows you to add predefined layouts to your editor
 - The plugin is installed and working, but you can't create or modify your own templates (or at least I can't 😊)

Additional Free Plugins – Not Working

- Some core plugins will not display their button even though you add them to a toolbar
 - Copy Formatting (copyformatting)
 - Format painter like in Word
 - Code Snippet (codesnippet)
 - Display code snippets for different languages
 - QR codes – may have been discontinued

Paid Plugins

- Bootstrap 4 Editor - \$14.90/month
 - Effortlessly edit Bootstrap 4 content in your CKEditor! Manage columns, rows and containers visually. Instantly toggle visibility of elements. Simulate how your responsive content looks on various devices directly while editing content, without even switching to the preview mode thanks to the support for Bootstrap breakpoints
- N1ED (n1ed) – Free Dependency for Bootstrap 4 Editor
 - Transforms CKEditor it into modern page builder with many Widgets, Templates and Mobile support.
 - (Will demonstrate if time permits)

Resources

dnnckeditor by Ingo

- <https://github.com/w8tcha/dnnckeditor>
- <https://archive.codeplex.com/?p=dnnckeditor>

CKEditorProvider by DNN-Connect

- <https://github.com/DNN-Connect/CKEditorProvider/releases>

DNNConnect.CKE by dnnsoftware/Dnn.Platform

- <https://github.com/dnnsoftware/Dnn.Platform/tree/v9.8.0/DNN%20Platform/Providers/HtmlEditorProviders/DNNConnect.CKE>

CKEditor 4

- <https://ckeditor.com/cke4>

CKEditor 4 Plugins

- <https://ckeditor.com/cke4/addons/plugins/all>

CodeMirror by Ingo

- <https://github.com/w8tcha/CKEditor-CodeMirror-Plugin/releases>

Keep TextSelection by Ingo

- <https://ckeditor.com/cke4/addon/textselection>

Accessibility Checker/A11ychecker

- [Accessibility Checker | CKEditor.com](#)

THANK YOU FOR WATCHING

CKEditor Provider

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