# [**CKEditor Samples**](http://docs.google.com/samples/old/index.html) » Code Snippet Plugin

This sample is not maintained anymore. Check out its [brand new version in CKEditor SDK](https://sdk.ckeditor.com/samples/codesnippet.html).

This editor is using the [**Code Snippet**](https://ckeditor.com/cke4/addon/codesnippet) plugin which introduces beautiful code snippets. By default the codesnippet plugin depends on the built-in client-side syntax highlighting library [highlight.js](http://highlightjs.org).

You can adjust the appearance of code snippets using the [codeSnippet\_theme](https://docs.ckeditor.com/ckeditor4/docs/#!/api/CKEDITOR.config-cfg-codeSnippet_theme) configuration variable (see [available themes](http://highlightjs.org/static/test.html)).

Select theme:

The CKEditor instance below was created by using the following configuration settings:

CKEDITOR.replace( 'editor1', {  
 **extraPlugins: 'codesnippet',**  
 codeSnippet\_theme: 'monokai\_sublime'  
} );

Please note that this plugin is not compatible with Internet Explorer 8.

<p>JavaScript code:</p> <pre> <code class="language-javascript">function isEmpty( object ) { for ( var i in object ) { if ( object.hasOwnProperty( i ) ) return false; } return true; }</code></pre> <p>SQL query:</p> <pre> <code class="language-sql">SELECT cust.id FROM cust LEFT JOIN loc ON ( cust.loc\_id = loc.id ) WHERE cust.type IN ( 1, 2 );</code></pre> <p>Unknown markup:</p> <pre> <code> \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ / \ | How about moo? | ^\_\_^ \\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/ (oo)\\_\_\_\_\_\_\_ \ (\_\_)\ )\/\ ||----w | || || </code></pre>

## Inline editor

The following sample shows the **Code Snippet** plugin running inside an inline CKEditor instance. The CKEditor instance below was created by using the following configuration settings:

CKEDITOR.inline( 'editable', {  
 **extraPlugins: 'codesnippet'**  
} );

**Note**: The [highlight.js themes](http://highlightjs.org/static/test.html) must be loaded manually to be applied inside an inline editor instance, as the codeSnippet\_theme setting will not work in that case. You need to include the stylesheet in the <head> section of the page, for example:

<head>  
 ...  
 <link href="path/to/highlight.js/styles/monokai\_sublime.css" rel="stylesheet">  
</head>

JavaScript code:

function isEmpty( object ) {  
 for ( var i in object ) {  
 if ( object.hasOwnProperty( i ) )  
 return false;  
 }  
 return true;  
}

SQL query:

SELECT cust.id, cust.name, loc.city FROM cust LEFT JOIN loc ON ( cust.loc\_id = loc.id ) WHERE cust.type IN ( 1, 2 );

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## Server-side Highlighting and Custom Highlighting Engines

The [**Code Snippet GeSHi**](https://ckeditor.com/cke4/addon/codesnippetgeshi) plugin is an extension of the **Code Snippet** plugin which uses a server-side highligter.

It also is possible to replace the default highlighter with any library using the [Highlighter API](https://docs.ckeditor.com/ckeditor4/docs/#!/api/CKEDITOR.plugins.codesnippet.highlighter) and the [editor.plugins.codesnippet.setHighlighter()](https://docs.ckeditor.com/ckeditor4/docs/#!/api/CKEDITOR.plugins.codesnippet-method-setHighlighter) method.

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