

# Initializing WProofreader in CKEditor 5 v12.0+

This guide outlines the main steps that you need to follow for initializing the **universal WProofreader add-on for RTEs** in CKEditor 5. It is a bit **outdated** method as there is a native integration (plugin) available. Check this [Getting started with WProofreader plugin for CKEditor 5](#) instead.



This note is applicable for the WebSpellChecker package version before [5.10.0](#). In versions starting 5.10.0, we replaced the static dialog mode to the floating one.

WProofreader provides two modes for text proofreading: as you type in the editable area and in a separate dialog. The second mode with the dialog is a static mode where the editing is restricted to applying or rejecting changes suggested by WProofreader engine. There is no option that allows real-time text editing or synchronization in the dialog as this is available in as you type mode. As a result, **there is a list of modes and plugins of CKEditor 5 that are not compatible and contradict with the use of the dialog mode**. You have to disable the dialog mode to avoid any confusion or unexpected behavior, if you are using one of the following modes or plugins of CKEditor 5: [real-time collaboration features](#) or [multi-root editor](#). Check the details in the [How to disable the dialog mode in WProofreader](#) guide.

## 1. Initialize CKEditor 5

Before integrating and configuring WProofreader, make sure CKEditor 5 is properly configured in your web application. To initialize CKEditor 5, follow the steps described in [CKEditor 5 Quick Start guide](#).

## 2. Grant WProofreader Access to CKEditor 5 Instance



Please **skip** this step if you are using [CKEditor 5 v12.3.0 \(2019-07-04\)](#) or higher. Now WProofreader automatically accesses the editor instance using the [ckeditorInstanceproperty](#).

If you are using CKEditor 5 versions below v12.3.0, you need to adjust initialization of CKEditor 5 and grant WProofreader access to it. To do so, add a link to CKEditor 5 instance object as shown in the example below.

```
<textarea name="content" id="editor">This is a sample text.</textarea>

<script>
    ClassicEditor.create(
        document.querySelector('#editor')
    ).then((editor) => {
        editor.ui.getEditableElement('main').editor = editor;
    });
</script>
```

## 3. Initialize WProofreader

Choose one of the options below how to enable spelling and grammar checking functionality of WProofreader in CKEditor 5.

### Option A. Using autoSearch

When using this method, you need a **CONFIG** and a **wscbundle.js** script. After setting up the autoSearch, WProofreader will be enabled as soon as the editable container with CKEditor is in focus. Check a sample below or follow the steps described in the [Get started with WProofreader Server \(autoSearch\)](#).

```
<script>
    window.WEBSPELLCHECKER_CONFIG = {
        autoSearch: true,
        lang: 'en_US', // set the default language
        ...
    };
</script>

<script type="text/javascript" src="http(s)://your_host_name/wscservice/wscbundle/wscbundle.js"></script>
```

### Option . Using init() method

When using this method, WProofreader will be started on the CKEditor 5 load.

## Initializing WProofreader using init() in CKEditor 5

```

<!-- Include the WEBSPELLCHECKER_CONFIG variable. -->
<script>
    window.WEBSPELLCHECKER_CONFIG = {
        autoSearch: true,
        autoDestroy: true,
        ...
    };
</script>

<script type="text/javascript" src="https://your_host_name/wscservice/wscbundle/wscbundle.js"></script>

<div id="ckeditor5-editor">
    <p>These are an examples of a sentences with two misspelled words and grammar problems. Just type text
    with misspelling to see how it works.</p>
</div>

<script>
    ClassicEditor
        .create(document.querySelector('#ckeditor5-editor'))
        .then(editor => {
            WEBSPELLCHECKER.init({
                container: editor.ui._editableElements.get('main')
            });
        });
</script>

```

## 4. Specify Additional Server Parameters

Make sure you have specified the following server-specific options in CONFIG, which are instructing where spelling and grammar checking requests will be processed:

```

serviceProtocol: 'https',
serviceHost: 'your_host_name',
servicePort: '443',
servicePath: 'virtual_directory/api' //by default the virtual directory name is wscservice

```

## 5. Further Actions

After you have initialized WProofreader in CKEditor 5, you can customize WProofreader options, its user interface, and behavior using [WProofreader customization options](#). You can see the [demo of CKEditor 5](#) integration on our web site.

### Still have a question?

Please feel free to contact our [technical team](#) if you are having any difficulties with the configuration.

## Can be also useful:

- [WProofreader customization options](#)
- [Get started with WProofreader Server \(autoSearch\)](#)