

Installation Instructions

Embedding SpellChecker Support into Ultimate Bulletin Board

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The SpellChecker.net system provides powerful web based spell and grammar checking with easy set up and integration. Follow the steps to add the specified code into Ultimate Bulletin Board and you will begin reaping the benefits our SpellChecker offers!

To add SpellChecker support to your website, please follow four steps:

1. [Register and receive a Customer ID](#)
2. [Download the customized JavaScript file](#)
3. [Download the SPROXY.CGI script file](#)
4. [Modify the Bulletin Board code](#)

Register and receive a customerID

To register, please go to the [Sign Up page](#) and fill out our short form. We will send you an e-mail containing your customerID. Please save this ID, as it will be required for the rest of the installation.

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Download the Customized JavaScript File

Go to the [JavaScript Download page](#) and enter your Customer ID and e-mail address in the boxes provided. Then press the "Download JavaScript" button to download the spch.js JavaScript file (please select "Save to Disk" if prompted). The JavaScript file contains information that is specific to each customer's web site, so it should not be used on or obtained from another site.<?XML:NAMESPACE PREFIX = O />

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Download the SPROXY.CGI Script File

The sproxy.cgi script file is used to return the data corrected by SpellChecker to the text-box on your web page.

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STEP 1

Download the file "sproxy.cgi" (see below).

The following versions of the file sproxy.cgi are currently supported:

Perl script - use the file "sproxy_pl.zip" for all platforms where is installed perl interpreter (all UNIX systems, win32 with ActivePerl).

- [Download "sproxy_pl.zip"](#)

Binary executable - use the file "sproxy_win32.zip" for win32 x86 platforms when you have not installed perl interpreter.

- [Download "sproxy_win32.zip"](#)

Other modifications of the file sproxy.cgi are possible. In the future, these modifications (for example: CFM, JSP and so on) will be implemented and accessible.

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STEP 2

Copy the file sproxy.cgi to the directory on your web site that has permissions for script execution (for example /cgi-bin or /scripts). If you downloaded Perl version of sproxy.cgi, open the file in edit mode and change its first line according to your perl interpreter location. This file is created to run on UNIX systems and the first line will be "#!/usr/bin/perl". Windows users should alter this line to reflect the perl location, for example "#!c:/perl/bin/perl.exe" (note the forward slashes).

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Can I use FTP to upload the sproxy.cgi file to my web site?

(If you have a perl script as the sproxy.cgi file then this information pertains to you.)

If you do choose this method, be sure the entire process is carried out and completed in ASCII Mode.

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What if my web site is hosted by Linux (Unix)?

No problem, just don't forget to set the files for the attributes of the sproxy.cgi to 755 (chmod 755 sproxy.cgi).

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Modify the Bulletin Board code

To embed SpellChecker support for the cgi file, please use the following steps:

1. Locate the file named "postings.cgi". It should reside in cgi-bin directory of your UBB installation. This file may be named differently in your system. **Create a copy of this file BEFORE making any changes!**
2. Once the copy is in place, open the file for editing.
3. Header in Reply Form:

Find the lines:

```
print <<REPLYFORM;  
<HTML><HEAD><TITLE>$BBName - Reply to Topic</TITLE>  
$HeaderInsert
```

Insert the following line after this, replacing the **your_url** parameter with the actual url of the folder on your server where you uploaded the spch.js file

```
<script type="text/javascript" language="javascript" src=http://your_url/spch.js></script>
```

After making this change, please verify the line that follows is:

```
</HEAD>
```

4. Button in Reply Form:

Approximately 80 lines further down, find the lines:

```
<INPUT TYPE="Submit" NAME="SUBMIT" VALUE="Submit Reply"> <INPUT TYPE="RESET" NAME="RESET" VALUE="Clear Fields">
```

Insert the following button code BEFORE the previous lines:

```
<INPUT TYPE="BUTTON" VALUE="Spell Check" onclick="var f = document.forms[0]; doSpell ('LANGUAGE', f.ReplyMessage,  
document.location.protocol + '/' + document.location.host + '/CGIBIN/sproxy.cgi', true);">
```

Replace the following parameters within the code.

LANGUAGE defines the language which will be used by SpellCheck engine. Change this parameter to one of the following values:
"en" - American English

"uk" - British English
"fr" - French
"ge" - German
"it" - Italian
"sp" - Spanish
"dk" - Danish
"br" - Brazilian Portuguese
"nl" -- Dutch
"no" -- Norwegian
"pt" - Portuguese
"se" - Swedish
"fi" - Finnish

CGIBIN is the name of your virtual directory that will contain the file sproxy.cgi. Replace this string with your virtual directory name.

* If your virtual directory is own cgi directory of UUB, replace **CGIBIN** with **\$CGIBIN** (this parameter is defined in UBB source code) string. For example:

```
<INPUT TYPE="BUTTON" VALUE="Spell Check" onclick="var f = document.forms[0]; doSpell ('en', f.ReplyMessage, '$CGIBIN/sproxy.cgi', true);">
```

*Ensure that this string does not contain any "document.location" entries.

5. Header in New Message Form:

Find the lines:

```
print <<FORM;  
<HTML>  
<HEAD>  
<TITLE>$BBName - Post New Topic</TITLE>  
$HeaderInsert
```

Insert the following line after them:

```
<script type="text/javascript" language="javascript" src=http://your_url/spch.js></script>
```

your_url should be replaced with the actual url of the folder on your server where you uploaded the spch.js file.

`your_url` should be replaced with the actual url of the folder on your server where you uploaded the spch.js file.

Verify that the next line is:

```
</HEAD>
```

8. Button in Edit Post Form:

Approximately 80 lines further down, find the lines:

```
<INPUT TYPE="Submit" NAME="SUBMIT" VALUE="Submit Now">  
<INPUT TYPE="RESET" NAME="RESET" VALUE="Clear Fields">
```

Insert the following button code BEFORE the previous lines:

```
<INPUT TYPE="BUTTON" VALUE="Spell Check" onclick="var f = document.forms[0]; doSpell ('LANGUAGE', f.EditedMessage,  
document.location.protocol + '//' + document.location.host + '/CGIBIN/sproxy.cgi', true);">
```

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