

# How-To: Cleaning Extra <Spans> Added by WProofreader

As of release 5.4.0.x preceding products based on the SpellCheckAsYouType (SCAYT) core as well as WProofreader use the special markup mechanism for underling spelling and grammar errors. This markup mechanism adds <span> elements with special classes, e.g. class="wsc-spelling-problem", which without preliminary cleaning might got to database and then repopulated to the text.

We understand that this might be a huge problem to our customers and their end users. Thus, we are developing a new mechanism of highlighting spelling and grammar problems which will resolve the issue with extra <spans>.

Until then, if you have such a problem, we recommend you to implement a mechanism that on your end that will clean extra <spans> before saving the information to a database. Below you can find an example that uses the **removeMarkupFromString** command.

```
<script>
var wscInstance; // You will be able to call WProofreader API using this variable

window.WEBSPELLCHECKER_CONFIG = {
  ...
  onLoad: function(instance) {
    wscInstance = instance; // Here you make WProofreader instance available from your code
  }
}
</script>
```

After that you can use it as follows to clean unnecessary spans that have been added by WProofreader:

```
wscInstance.removeMarkupFromString('<p>Example <span class="wsc-spelling-problem" data-spelling-word="
texxt" data-wsc-lang="en_US">texxt</span>.</p>'); // It will return'<p>Example texxt.</p>'
```

For more options and methods in WProofreader, please visit the [API options and methods](#) documentation.



[Resolved]

This issue has been resolved as a part of release [5.4.3](#) on May 28, 2019. Since then there is no need in the above described turnaround.