

OPENADVOCATE WRITECLEARLY DEVELOPER DOCUMENTATION

WriteClearly provides an API interface that can be used by third-party applications to submit text to WriteClearly for analysis. This document describes how to use the WriteClearly API.

* Making requests

Use the following endpoint to make requests:

<http://writeclearly.openadvocate.org/oawc/service.php>

The endpoint expects POST requests in JSON format. The JSON object in the request body should contain the following attributes:

"content": The text to be analyzed. The content may be in HTML or plain text format.

"json": Should be set to 1 to receive a JSON response.

Example:

```
{  
  "content" : "Hello world",  
  "json" : 1  
}
```

* Response

The analysis is sentence based. For each sentence where WriteClearly is able to make a suggestion, it will return the original sentence, and a summary of suggestions made in the given sentence.

The response JSON object contains the following attributes:

"index": The calculated Flesch-Kincaid Grade Level index of the content.

"suggestions": An array of suggestions. Each suggestion contains the following attributes:

"paragraph_id": The id of the paragraph in which the suggestion was found, if it can be identified.

"content": The original sentence, with added HTML markup.

"summary": A textual summary of the suggestions made in the given sentence.

Example:

```
{  
  "index": 7.43,  
  "suggestions": [  
    {  
      "paragraph_id": 1,  
      "content": "Hello world",  
      "summary": "Hello world"  
    }  
  ]  
}
```

```

{
  "summary": "Replace polysyllabic words where possible.",
  "content": "Bankruptcy is usually
  <span class='wc-poly-container'>
    <span class='wc-hinted' data-word='considered'>considered</span>
    <span class='wc-hint wc-synonym'>
      Synonyms:
      <span class='wc-replace-word'>knowing</span>,
      <span class='wc-replace-word'>studied</span>,
      <span class='wc-replace-word'>thoughtful</span>
    </span>
  </span>
  a last resort option.",
  "paragraph_id": "oawc-p-1"
}
]
}

```

If present, <p> HTML tags in the source text will help WriteClearly identify paragraphs. The <p> tags may contain the class "oawc-p-[id]", where [id] is arbitrary number. When this class is found, the response will contain this identifier in the returned response. Otherwise, the paragraph_id attribute will be empty.

The sentence in the "content" attribute is marked up with HTML. Each word in the original sentence that has a corresponding suggestion is wrapped in a element with the "wc-hinted" class. This may be used in CSS styles to highlight the word. In addition, polysyllabic words for which synonyms are offered are wrapped in a element with the "wc-poly-container" class. This element will wrap the word to which the suggestion belongs, as well as a list of suggested synonyms enclosed in a element with the "wc-hint" class. These will need to be styled to appear consistently with your site's theme. If you do not wish to show them, apply a CSS rule that hides elements with the "wc-hint" class.