

# Sentiment32 API Specifications



The document describes Web Service API specifications of [Sentiment32](#). Note that API key is required to invoke web service call. Please [register](#) an account and get an API key first. Then you can download client programs ( [Java](#) / [Python](#) / [PHP](#) ) to use APIs easily.

## 1. Sentiment Analysis

### 1.1 Request

Parameters	Description
URL	<a href="http://www.sentiment32.com:8080/api/sentiment/batchanalysis">http://www.sentiment32.com:8080/api/sentiment/batchanalysis</a>
Method	POST
Data Format	JSON
Data Params	<pre> {   "docs": {     "type": "array",     "doc": {       "type": "object",       "properties": {         "id": {           "type": string,           "required": true,           "description": "the id of input text"         }         "text": {           "type": string,           "required": true,           "description": "input text"         }         "lang": {           "type": string,           "required": true,           "description": "the lang of input text"         }       }     }   } } </pre>

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	<pre> “apikey”: {   “type”: string,   “required” : true,   “description” : “API key” } </pre>
<b>Sample Data</b>	<pre> {   “docs” :   [     { “id”: “001”, “text”: “The weather is a good”, “lang”: “en”},     { “id”: “002”, “text”: “The movie is bad”, “lang”: “en” },     { “id”: “003”, “text”: “映画は良いです”, “lang”: “ja”},     { “id”: “004”, “text”: “今天的天气很好”, “lang”: “cn”}   ]   “apikey”: “XXXXXX” } </pre>
<b>Note</b>	<ol style="list-style-type: none"> <li>1. Support English, Japanese and Chinese currently. The field “lang” should be “en”, “ja”, or “cn”.</li> <li>2. The field “text” of request should not be empty.</li> </ol>

### 1.2 Response

Parameters	Description
<b>Data Format</b>	JSON
<b>Data Params</b>	<pre> {   “sentiments” : {     “type” : “array”,     “sentiment” : {       “type” : “object”,       “properties” : {         “id” : {           “type”: string           “description” : “original input text id”         }         “score” : {           “type”: double,           “description” : “sentiment score”         }       }     }   } } </pre>

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	} }
<b>Sample Data</b>	{ "sentiments" : [ { "id": "001", "score": "1.0"}, { "id": "002", "score": "-1.0"}, { "id": "003", "score": "1.0"}, { "id": "004", "score": "1.0"} ] }
<b>Note</b>	1. In the field "score", 1.0 means positive, 0.0 means neutral, "-1.0" means negative.