All text Search.

The all text search provides an interface to search the raw text of a publication.

When pages are processed Realview extracts the text from the pdf and stores it in a database for searching. No processing is performed on the text extracted from the pdf. If the pdfs have been scanned and OCRed then the quality of text varies.

Once you have been given a URL and Key by Realview you can view an example/test page at http://yourRealview.url/global/icsearch/searchtexttest.htm

Search Page

The search page handles the database search. A JSON object describing the search to be performed is POSTed to the page.

URL: http://your.realview.url/global/icsearch/serachtext.aspx

Search Parameters: A JSON search object is posted to the URL.

```
{
"searchTerm": "",                                    // the term to search for. See Search Syntax.
"pubId": "b7bc29fa-ff82-4088-9597-d480abd5cfe1",     // the identifier of your publication. Contact Realview.
"startDate": "2011-11-08T00:00:00+11:00",            // only search issues published after this data.
"endDate": "2013-11-08T00:00:00+11:00",              // only search issues published before this data.
"resultsPerPage": 10,                                // how many results to return on a page.
"currentPage": 1                                     // what page of the results to return.
"sortBy":0                                           // how to sort the results. 0:Relevence, 1:Date Recent, 2: Date Oldest.
}
```

Return object.

An JSON array of results is returned to the browser for display.

```
{
"thumbnail": "",              // full image URL of the page that contains the hit.
"link": "",                   // full link to page that contains the hit.
"issueDate": "2013-11-08T00:00:00+11:00",  // publish date of the issue that contains the hit.
"issueName": "",              // the issue where the hit is found.
"text": []                    // an array of text snippets containing the search term
"rank":                       // the rank of the result in relation to other results. The higher the more relevant.
"pageNumber":                 // the page the item starts on.
}
```

Debugging. If you receive a HTTP Status of 500 you can add &debugon=1 to the query string and the server will write the reason into a Reason header on the HTTP response.

Search Syntax

The search syntax contains a number of operators.

Operator	Description
+, AND	Page text must contain this word
-, AND NOT	Page text may not contain this word.
|, OR	Page text must contain one or the other.
"search term"	Page text must contain the exact phrase.

Examples:

Pizza +dough	: returns all pages containing pizza and dough.
Pizza *AND* dough	: returns all pages containing pizza and dough.
Pizza +dough –sugar	: return all pages contain pizza and dough and not sugar.
"pizza dough"	: return all pages containing the exact phrase "pizza dough".
pizza | dough	: returns all pages containing pizza or dough.

If no operator is specified then the search assumes an OR operator.

Example:

pizza dough : returns all pages containing pizza or dough. Equivalent to *pizza | dough*.

Partial words are also matched.

Example:

Mix : A search for mix will also match mixer, mixed, mixture etc.