MoreLikeThisHandler

The MoreLikeThisHandler is designed to generate information about "similar" documents using the MoreLikeThis functionality provided by Lucene. It supports faceting, paging, and filtering using CommonQueryParameters.

Solr 1.3

- Params
- Examples
  - Simple
  - Using ContentStreams

### Params

<table>
<thead>
<tr>
<th>param</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>rows</td>
<td>Use this to control the number of results returned, instead of the mlt.count option normally used with the MoreLikeThis search component.</td>
</tr>
<tr>
<td>mlt.match.include</td>
<td>Should the response include the matched document? If false, the response will look exactly like a normal /select response</td>
</tr>
<tr>
<td>mlt.match.offset</td>
<td>By default, the MoreLikeThis query operates on the first result for 'q'</td>
</tr>
<tr>
<td>mlt.interestingTerms</td>
<td>One of: &quot;list&quot;, &quot;details&quot;, &quot;none&quot; – this will show what &quot;interesting&quot; terms are used for the MoreLikeThis query. These are the top tf/idf terms. NOTE: if you select 'details', this shows you the term and boost used for each term. Unless mlt.boost=true all terms will have boost=1.0</td>
</tr>
<tr>
<td>mlt.boost=true</td>
<td>See MoreLikeThis for additional input parameters.</td>
</tr>
</tbody>
</table>

The MoreLikeThisHandler can also use a ContentStream to find similar documents. It will extract the "interesting terms" from the posted text.

### Examples

The following example URLs assume that the MoreLikeThisHandler is configured with the name "/mlt" ...

```xml
:requestHandler name="/mlt" class="solr.MoreLikeThisHandler">
</requestHandler>
```

- **Simple**

  [Examples of Solr requests](http://localhost:8983/solr/mlt?q=id:UTF8TEST&mlt.fl=manu,cat&mlt.mindf=1&mlt.mintf=1)

  [Examples of Solr requests](http://localhost:8983/solr/mlt?q=id:UTF8TEST&mlt.fl=manu,cat&mlt.mindf=1&mlt.mintf=1&mlt.match.include=false)


- **Using ContentStreams**

  If you post text in the body, that will be used for similarity. Alternatively, you can put the posted content in the URL using something like:

  [Examples of Solr requests](http://localhost:8983/solr/mlt?stream.body=electronics%20memory&mlt.fl=manu,cat&mlt.interestingTerms=list&mlt.mintf=0)

  If remoteStreaming is enabled, you can find documents similar to the text on a webpage:


CategorySolrRequestHandler