

# FieldOptionsByUseCase

Here is a summary of available options on a field, broken down by use case. A `true` or `false` indicates that the option must be set to the given value for the use case to function correctly.

use case	indexed	stored	multiValued	omitNorms	termVectors	termPositions	termOffsets	
search within field	true							
retrieve contents		true						
use as unique key	true		false					
<ac:structured-macro ac:name="unmigrated-wiki-markup" ac:schema-version="1" ac:macro-id="1999d958-ee18-4b07-8bae-e1411e80482c"><ac:plain-text-body><![CDATA[	sort on field	true		false	true[1]			]]></ac:plain-text-body></ac:structured-macro>
use field boosts				false				
document boosts affect searches within field				false				
<ac:structured-macro ac:name="unmigrated-wiki-markup" ac:schema-version="1" ac:macro-id="a35af915-0c4b-4af2-ae65-a376df75bd9d"><ac:plain-text-body><![CDATA[	highlighting	true[3]	true			[2]	[2]	[2]]></ac:plain-text-body></ac:structured-macro>
faceting	true							
add multiple values, maintaining order			true					
field length affects doc score				false				
<ac:structured-macro ac:name="unmigrated-wiki-markup" ac:schema-version="1" ac:macro-id="711d507a-4a1a-4675-bff6-d05232068898"><ac:plain-text-body><![CDATA[	MoreLikeThis		true[5]			true[5]		]]></ac:plain-text-body></ac:structured-macro>
<ac:structured-macro ac:name="unmigrated-wiki-markup" ac:schema-version="1" ac:macro-id="c188c891-4707-4adc-94d5-adb537148dc3"><ac:plain-text-body><![CDATA[	term frequency[4]					true		]]></ac:plain-text-body></ac:structured-macro>
<ac:structured-macro ac:name="unmigrated-wiki-markup" ac:schema-version="1" ac:macro-id="c7b1b845-03fe-4106-a764-8a8ffe7e294a"><ac:plain-text-body><![CDATA[	document frequency[4]					true		]]></ac:plain-text-body></ac:structured-macro>
<ac:structured-macro ac:name="unmigrated-wiki-markup" ac:schema-version="1" ac:macro-id="e694cd67-7c10-4ee8-9c11-37b5459bbccc"><ac:plain-text-body><![CDATA[	tf*idf[4]					true		]]></ac:plain-text-body></ac:structured-macro>
<ac:structured-macro ac:name="unmigrated-wiki-markup" ac:schema-version="1" ac:macro-id="e575ff64-8d53-4642-829f-ef1f134a010c"><ac:plain-text-body><![CDATA[	term positions[4]					true	true	true]]></ac:plain-text-body></ac:structured-macro>
<ac:structured-macro ac:name="unmigrated-wiki-markup" ac:schema-version="1" ac:macro-id="c3e166e0-c05b-40a2-99f4-e54ca0ed58ac"><ac:plain-text-body><![CDATA[	term offsets[4]					true	true	true]]></ac:plain-text-body></ac:structured-macro>

## Notes:

1. *recommended but not necessary*
2. stored must always be true for highlighting. If you also add both termVectors and termOffsets, this can be used to boost performance. (Without termVectors/termOffsets, Solr needs to reanalyze the whole field to perform highlighting.) If you furthermore add termPositions, additional speedup may be possible. Note, that you must index the field in order to be able to use termVectors, termOffsets and termPositions.
3. *a tokenizer must be defined for the field, but it doesn't need to be indexed*
4. *For use with the [TermVectorComponent](#)*
5. Uses the term vector if present, otherwise the stored field. Reanalyzes the document if using the stored field.

For further considerations for faceting, see also [SolrFacetingOverview](#). For more information on term frequency, positions, offsets etc. see [TermVectorComponent](#).