

# IndexingDateFields

If only year, month, day are relevant to your situation, index the text string "YYYYMMDD" as `Field.Keyword(String, String)`, rather than using `DateField` or `Field.Keyword(String, Date)`. Why? Because `RangeQuery` will expand into a `BooleanQuery` of all terms in the range, and `DateField` represents down to the millisecond level and can expand into more terms than are allowed in a `BooleanQuery`.

Another reason to do this is that you will be able to index dates before the Unix Epoch (Jan 1, 1970) which `DateField` cannot handle.