Events Java Threads (events-java-threads) TODO

* Define the semantics of a query in presence of compound events. This is what stops me now from running something like:  
    
  td ‘http’ ./stack-trace.txt   
    
  and only seeing the stack traces that match the regular expression.   
    
  Once I implement that, I can use it for analysis.
* Presence of query: querying compound events, we probably need an extension of the Query API.
* Then, a simple keyword/regex filtering should select/drop specific thread dumps.
* td categories: determines the thread categories and provides counts for how many threads in each category are identified, per thread dump.
* If it is an empty line we’re discarding, we should not warn.
* DOCUMENT: It should be reassuring to use. td | td –help | td help should display enough help to understand how to use the tools. For more complex subjects, it should send to NOKB.
* **Format instances thread safety**. Remove public static final SimpleDateFormat and other Formats everywhere, and replace them with static method that create the instances on demand. We need to do this because Format instances are not thread safe. See io.novaordis.events.api.event.DateProperty. getDefaultDateFormat() as example.
* Refactor the Main method of the td parser to use “cli” package EventParserRuntime and ApplicationSpecificBehavior. Use the “csv” parser as an example.
* nort-ify.
* **Regular Expression Support**. Fix support for:

tda Incoming.\*,shared rest-4.txt

Currently it does not work.

* Sort the thread dump alphabetically by the thread name.
* Save the split string in the tda project and document it.
* Add "tdgrep -c [regexp] file1 file2 ..."