

Disk Monitoring - Feature #1428

List SMART attributes on detail page

08/20/2016 11:11 PM - Luke Murphey

Status:	Closed	Start date:	08/20/2016
Priority:	Normal	Due date:	
Assignee:	Luke Murphey	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	0.5		
Description			

History

#1 - 08/21/2016 07:34 PM - Luke Murphey

Want to get the following fields:

- attribute name
- status
- value

See <https://answers.splunk.com/answers/78340/is-it-possible-to-set-field-name-and-value-with-rex-similar-to-1-2-in-transforms-conf.html>

#2 - 08/21/2016 07:42 PM - Luke Murphey

This gets the attributes into a single field:

```
sourcetype=smartmon Serial_Number=7D4520004758 | head 1 | rex "RAW_VALUE\n(?<attributes>([ ]*[0-9]+.*\n)+) "
```

#3 - 08/21/2016 07:51 PM - Luke Murphey

Extracts the ID:

```
sourcetype=smartmon Serial_Number=7D4520004758 | head 1 | rex "RAW_VALUE\n(?<attributes>([ ]*[0-9]+.*\n)+) " |  
rex max_match=100 field=attributes "\n[ ]*(?<id>([-0-9a-fA-F_]+)) "
```

Non-greedy version:

```
sourcetype=smartmon Serial_Number=7D4520004758 | head 1 | rex "RAW_VALUE\n(?<attributes>([ ]*[0-9]+.*\n)+) " |  
rex max_match=100 field=attributes "\n[ ]*(?<id>([0-9]+))[ ]+"
```

#4 - 08/21/2016 07:55 PM - Luke Murphey

Gets attribute name:

```
sourcetype=smartmon Serial_Number=7D4520004758 | head 1 | rex "RAW_VALUE\n(?<attributes>([ ]*[0-9]+.*\n)+)" |  
rex max_match=100 field=attributes "\n[ ]*(?<attribute_id>([0-9]+))[ ]+(?<attribute_name>([-0-9a-zA-Z_]+))"
```

#5 - 08/21/2016 07:58 PM - Luke Murphey

With worst values:

```
sourcetype=smartmon Serial_Number=7D4520004758 | head 1 | rex "RAW_VALUE\n(?<attributes>([ ]*[0-9]+.*\n)+)" |  
rex max_match=100 field=attributes "\n[ ]*(?<attribute_id>([0-9]+))[ ]+(?<attribute_name>([-0-9a-zA-Z_]+))[ ]+  
(?<attribute_flag>([-0-9a-zA-Z_]+))[ ]+(?<attribute_value>([0-9]+))[ ]+(?<attribute_worst>([0-9]+))"
```

#6 - 08/22/2016 05:47 AM - Luke Murphey

- Assignee set to Luke Murphey
- Target version changed from 0.6 to 0.5

With all:

```
sourcetype=smartmon Serial_Number=7D4520004758 | head 1 | rex "RAW_VALUE\n(?<attributes>([ ]*[0-9]+.*\n)+)" |  
rex max_match=100 field=attributes "\n[ ]*(?<attribute_id>([0-9]+))[ ]+(?<attribute_name>([-0-9a-zA-Z_]+))[ ]+  
(?<attribute_flag>([-0-9a-zA-Z_]+))[ ]+(?<attribute_value>([0-9]+))[ ]+(?<attribute_worst>([0-9]+))[ ]+(?<attr  
ibute_threshold>([0-9]+))[ ]+(?<attribute_type>([-_a-zA-Z0-9]+))[ ]+(?<attribute_updated>([-_a-zA-Z0-9]+))[ ]+  
(?<attribute_when_failed>([-_a-zA-Z0-9]+))[ ]+(?<attribute_raw_value>([\n]+))"
```

#7 - 08/22/2016 06:00 AM - Luke Murphey

Removing attribute prefix:

```
sourcetype=smartmon Serial_Number=$serial_number$ | head 1 | rex "RAW_VALUE\n(?<attributes>([ ]*[0-9]+.*\n)+)" |  
rex max_match=100 field=attributes "\n[ ]*(?<id>([0-9]+))[ ]+(?<name>([-0-9a-zA-Z_]+))[ ]+(?<flag>([-0-9a-zA  
-Z_]+))[ ]+(?<value>([0-9]+))[ ]+(?<worst>([0-9]+))[ ]+(?<threshold>([0-9]+))[ ]+(?<type>([-_a-zA-Z0-9]+))[ ]+  
(?<updated>([-_a-zA-Z0-9]+))[ ]+(?<when_failed>([-_a-zA-Z0-9]+))[ ]+(?<raw_value>([\n]+))" | table name id fl  
ag value worst threshold type updated when_failed raw_value
```

#8 - 08/22/2016 06:37 AM - Luke Murphey

- Status changed from New to Closed
- % Done changed from 0 to 100