



Data Tables



--- Enables to display Values or Moving average values. Filtering functions helps to adjust visualization. ---
User can customize table looking (title, header, font color, back color, size and more...)

Column based - When logging is the same for each Tag

Timestamp	Tank1	Tank2	Tank3
05/03/14 18:00:00	450	150	375
05/03/14 17:00:00	300	75	750
05/03/14 16:00:00	150	30	1 500
05/03/14 15:00:00	1 335	1 335	1 350
05/03/14 14:00:00	1 485	1 305	1 500
05/03/14 13:00:00	1 425	1 350	1 200
05/03/14 12:00:00	1 380	1 500	375
05/03/14 11:00:00	1 185	1 470	750
05/03/14 10:00:00	1 320	1 395	1 125
05/03/14 09:00:00	1 455	1 425	1 350
05/03/14 08:00:00	1 170	1 350	1 500
05/03/14 07:00:00	1 425	1 500	1 425

All Tanks Together

Timestamp	Tank Name	Values
05/03/14 18:00:00	Batch_Data:Tank3	375
05/03/14 18:00:00	Batch_Data:Tank2	150
05/03/14 18:00:00	Batch_Data:Tank1	450
05/03/14 17:00:00	Batch_Data:Tank3	750
05/03/14 17:00:00	Batch_Data:Tank1	300
05/03/14 17:00:00	Batch_Data:Tank2	75
05/03/14 16:00:00	Batch_Data:Tank2	30
05/03/14 16:00:00	Batch_Data:Tank1	150
05/03/14 16:00:00	Batch_Data:Tank3	1 500
05/03/14 15:00:00	Batch_Data:Tank2	1 335
05/03/14 15:00:00	Batch_Data:Tank3	1 350
05/03/14 15:00:00	Batch_Data:Tank1	1 335
05/03/14 14:00:00	Batch_Data:Tank2	1 305
05/03/14 14:00:00	Batch_Data:Tank3	1 500
05/03/14 14:00:00	Batch_Data:Tank1	1 485
05/03/14 13:00:00	Batch_Data:Tank3	1 200
05/03/14 13:00:00	Batch_Data:Tank1	1 425
05/03/14 13:00:00	Batch_Data:Tank2	1 350
05/03/14 12:00:00	Batch_Data:Tank1	1 380
05/03/14 12:00:00	Batch_Data:Tank3	375
05/03/14 12:00:00	Batch_Data:Tank2	1 500
05/03/14 11:00:00	Batch_Data:Tank1	1 185
05/03/14 11:00:00	Batch_Data:Tank3	750
05/03/14 11:00:00	Batch_Data:Tank2	1 470
05/03/14 10:00:00	Batch_Data:Tank1	1 320
05/03/14 10:00:00	Batch_Data:Tank2	1 395
05/03/14 10:00:00	Batch_Data:Tank3	1 125
05/03/14 09:00:00	Batch_Data:Tank2	1 425
05/03/14 09:00:00	Batch_Data:Tank1	1 455
05/03/14 09:00:00	Batch_Data:Tank3	1 350
05/03/14 08:00:00	Batch_Data:Tank2	1 350
05/03/14 08:00:00	Batch_Data:Tank1	1 170
05/03/14 08:00:00	Batch_Data:Tank3	1 500
05/03/14 07:00:00	Batch_Data:Tank3	1 425
05/03/14 07:00:00	Batch_Data:Tank1	1 425
05/03/14 07:00:00	Batch_Data:Tank2	1 500

All Tanks Together Horizontal

Timestamp	Tank1	Tank2	Tank3
05/03/14 18:00:00	450	150	375
05/03/14 17:00:00	300	75	750
05/03/14 16:00:00	150	30	1 500
05/03/14 15:00:00	1 335	1 335	1 350
05/03/14 14:00:00	1 485	1 305	1 500
05/03/14 13:00:00	1 425	1 350	1 200
05/03/14 12:00:00	1 380	1 500	375
05/03/14 11:00:00	1 185	1 470	750
05/03/14 10:00:00	1 320	1 395	1 125
05/03/14 09:00:00	1 455	1 425	1 350
05/03/14 08:00:00	1 170	1 350	1 500
05/03/14 07:00:00	1 425	1 500	1 425

WITH SIMPLE FILTERING

User Define Value range
Between 900 to 1500

Timestamp	Tank1
05/03/14 15:00:00	1 335
05/03/14 14:00:00	1 485
05/03/14 12:00:00	1 380
05/03/14 07:00:00	1 425

WITH ADVANCED FILTERING

The Advanced Filtering is done with a WHERE command

SQL Filtering example

the SQL filter is the same for each tables
Motor1=1 AND Temp1>50

Tank2	Tank3
1 335	1 350
1 305	1 500
1 500	375
1 500	1 425

Timestamp	Tank1
05/03/14 15:00:00	1 335
05/03/14 14:00:00	1 485
05/03/14 12:00:00	1 380
05/03/14 07:00:00	1 425