

RRDtool Wizard

RRD details

Available data sources (input data)

Data source: PM25 (GAUGE)
Data source: PM10 (GAUGE)
Data source: Temperature (GAUGE)
Data source: Humidity (GAUGE)
Data source: hPa (GAUGE)

Available archives for each data source (this is what you can visualize)

AVERAGE: Archive point is saved every **1hour**, archive is kept for **10year 0month 10day** back.
AVERAGE: Archive point is saved every **1day**, archive is kept for **10year 0month 10day** back.
MIN: Archive point is saved every **1hour**, archive is kept for **10year 0month 10day** back.
MIN: Archive point is saved every **1day**, archive is kept for **10year 0month 10day** back.
MAX: Archive point is saved every **1hour**, archive is kept for **10year 0month 10day** back.
MAX: Archive point is saved every **1day**, archive is kept for **10year 0month 10day** back.

General options

Enter your values

Type	Required	Value
RRD filename	Yes	filename.rrd
Graph filename	Yes	graph.png
Horizontal top title	No	
Vertical left title	No	
Image width	Yes	600
Image height	Yes	200
Given image size is for	Yes	canvas only <input type="button" value="v"/>

Strip all texts/labels (useful for thumbnails)	Yes	no ▾
Time range is from now back to	Yes	1d ▾
Limits and scaling	Not covered by this wizard at all	

Standard data series definition (DEF)

Use an existing data source:

Virtual name	Data source	CF function
PM10_MAX_1D	PM10 ▾	MAX ▾
	PM25 ▾	AVERAGE ▾
	PM25 ▾	AVERAGE ▾
	PM25 ▾	AVERAGE ▾
	PM25 ▾	AVERAGE ▾
	PM25 ▾	AVERAGE ▾
	PM25 ▾	AVERAGE ▾
	PM25 ▾	AVERAGE ▾
	PM25 ▾	AVERAGE ▾
	PM25 ▾	AVERAGE ▾
	PM25 ▾	AVERAGE ▾
	PM25 ▾	AVERAGE ▾
	PM25 ▾	AVERAGE ▾
	PM25 ▾	AVERAGE ▾

	PM25 ▼	AVERAGE ▼
	PM25 ▼	AVERAGE ▼

Submit

Dynamic data series definition (CDEF)

Create in-memory data series by applying some math on the DEF data sources which you specified above

Virtual name	DEF source	Sample formula	Formula syntax (edit to suit your needs)
	PM10_MAX_1D ▼	--- ▼	
	PM10_MAX_1D ▼	--- ▼	
	PM10_MAX_1D ▼	--- ▼	

Update Done defining CDEFs

Dynamic labels definition (VDEF)

Single aggregated data/time value for the whole visualized dataset

Virtual name	DEF/CDEF source	Funtion	VLINE*	VLINE color	VLINE optional legend
	PM10_MAX_1D ▼	LAST ▼	no ▼	Select Color <javascript:onclick=show_color_picker('vdef_picker', 'vdef_color_0','vdef_sample_0');>: <input type="text"/>	
	PM10_MAX_1D ▼	LAST ▼	no ▼	Select Color <javascript:onclick=show_color_picker('vdef_picker', 'vdef_color_1','vdef_sample_1');>: <input type="text"/>	
	PM10_MAX_1D ▼	LAST ▼	no ▼	Select Color <javascript:onclick=show_color_picker('vdef_picker',	

				'vdef_color_2','vdef_sample_2');>: <input type="text"/>	
	PM10_MAX_1D ▾	LAST ▾	no ▾	Select Color <javascript:onclick=show_color_picker('vdef_picker', 'vdef_color_3','vdef_sample_3');>: <input type="text"/>	
	PM10_MAX_1D ▾	LAST ▾	no ▾	Select Color <javascript:onclick=show_color_picker('vdef_picker', 'vdef_color_4','vdef_sample_4');>: <input type="text"/>	
	PM10_MAX_1D ▾	LAST ▾	no ▾	Select Color <javascript:onclick=show_color_picker('vdef_picker', 'vdef_color_5','vdef_sample_5');>: <input type="text"/>	
	PM10_MAX_1D ▾	LAST ▾	no ▾	Select Color <javascript:onclick=show_color_picker('vdef_picker', 'vdef_color_6','vdef_sample_6');>: <input type="text"/>	
	PM10_MAX_1D ▾	LAST ▾	no ▾	Select Color <javascript:onclick=show_color_picker('vdef_picker', 'vdef_color_7','vdef_sample_7');>: <input type="text"/>	
* VL INE = Place a vertical line where this value occurs					

Update

Done defining VDEFs

Data series visualization

These are the **LINES** and **AREAS** that you typically see in your graph area

Width	Area	Data serie	Color	Legend text (may be empty)
1 ▾	yes ▾	PM10_MAX_1D ▾	Select Color <javascript:onclick=show_color_picker('line_picker', 'line_color_0','line_sample_0');>: #000000	
1 ▾	no ▾	--- ▾	Select Color <javascript:onclick=show_color_picker('line_picker', 'line_color_1','line_sample_1');>:	
1 ▾	no ▾	--- ▾	Select Color <javascript:onclick=show_color_picker('line_picker', 'line_color_2','line_sample_2');>:	

Update

Done defining LINES

Labels visualization

These are the LABELS that you typically see beneath your graph area. You can print only VDEF single-value sources.

Data source	Value format	Value auto-scale to SI	Optional text to append	Text alignment	Print inside graph
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Update

Done defining LABELS

RRD graph command

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The command is escaped for Linux bash

```
rrdtool graph 'graph.png' \
--width '600' \
--height '200' \
--start end-1d \
'DEF:PM10_MAX_1D=filename.rrd:PM10:MAX' \
'AREA:PM10_MAX_1D#000000'
```

<>

If you have any comments, feel free to contact me.
This is an Open Source Web Design.