

Visualization Type

Line Graph	Stacked Graph	Step-Plot Graph	Single Stat	Line Graph + Single Stat	Bar Graph
Gauge	Table				

Table Controls

Time Format ?

mm/dd/yyyy HH:mm:ss.ss

Time Axis

Vertical

Horizontal

Sort by

cpu.mean_usage_idle

Text Wrapping

Truncate

Wrap

Single Line

Customize Columns

Time

Rename...

cpu.mean_usage_idle

apple

cpu.mean_usage_guest

banana

cpu.mean_usage_user

pineapple

cpu.mean_usage_system

Rename...

Thresholds

+ Add Threshold

Base Color

White

Threshold

X

20

Honeydew

Threshold Coloring

Background

Text

Table cell component should be a child of div.graph-container and have padding consistent with other cell types

Table should grow to fit the available space within its cell

Cell name goes here

Time	Metric 1	Metric 2	Metric 3
02/09/2018 16:05:31	23.64	23.64	23.64
02/09/2018 16:05:30	26.81	26.81	26.81
02/09/2018 16:05:29	31.10	31.10	31.10
02/09/2018 16:05:28	22.90	22.90	22.90
02/09/2018 16:05:27	27.71	27.71	27.71
02/09/2018 16:05:26	27.04	27.04	27.04
02/09/2018 16:05:25	29.50	29.50	29.50

<div class="graph-container">

8px vertical padding

16px horizontal padding

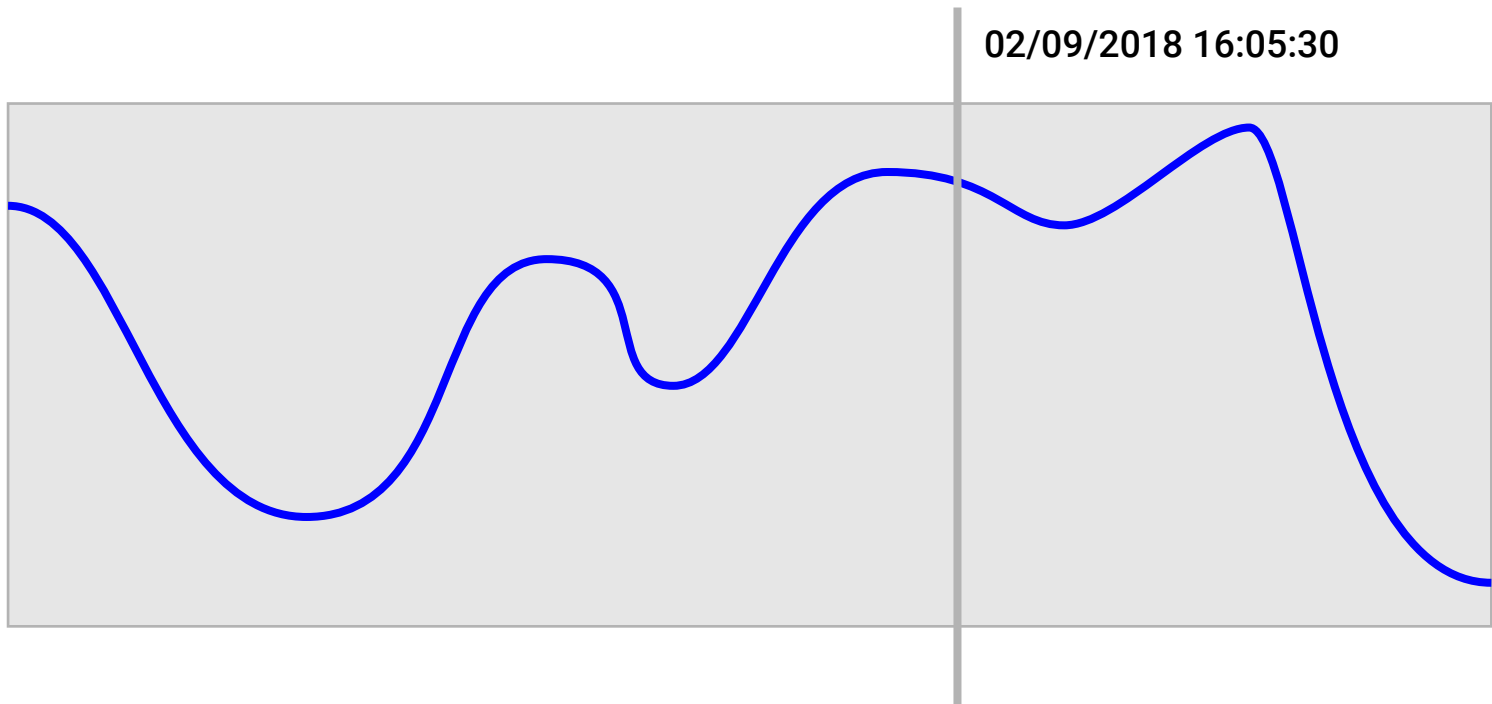
First row is fixed (contains labels)
First column is fixed (contains time)

Time	Metric 1	Metric 2	Metric 3
02/09/2018 16:05:31	23.64	23.64	23.64
02/09/2018 16:05:30	26.81	26.81	26.81
02/09/2018 16:05:29	31.10	31.10	31.10
02/09/2018 16:05:28	22.90	22.90	22.90
02/09/2018 16:05:27	27.71	27.71	27.71
02/09/2018 16:05:26	27.04	27.04	27.04
02/09/2018 16:05:25	29.50	29.50	29.50

First row is fixed (contains labels)
Time column is hidden - no need to fix the first column

Metric 1	Metric 2	Metric 3
23.64	23.64	23.64
26.81	26.81	26.81
31.10	31.10	31.10
22.90	22.90	22.90
27.71	27.71	27.71
27.04	27.04	27.04
29.50	29.50	29.50

Synchronize position of crosshair on dygraphs graphs with time row (or column) by highlighting the row (or column)

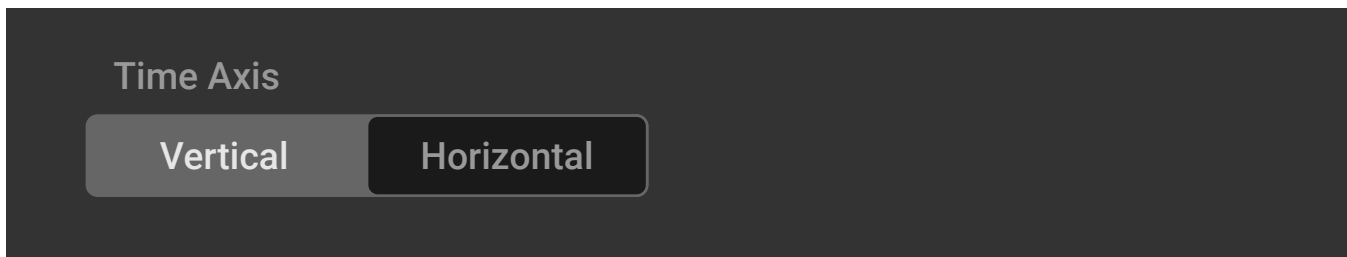


Time	Metric 1	Metric 2	Metric 3
02/09/2018 16:05:31	23.64	23.64	23.64
02/09/2018 16:05:30	26.81	26.81	26.81
02/09/2018 16:05:29	31.10	31.10	31.10
02/09/2018 16:05:28	22.90	22.90	22.90
02/09/2018 16:05:27	27.71	27.71	27.71
02/09/2018 16:05:26	27.04	27.04	27.04
02/09/2018 16:05:25	29.50	29.50	29.50

If the highlighted row (or column) is out of view, scroll until it is in view

Time	16:05:25	16:05:26	16:05:27	16:05:28	16:05:29	16:05:30	16:05:31
Metric 1	23.64	26.81	31.10	22.90	27.71	27.04	29.50
Metric 2	23.64	26.81	31.10	22.90	27.71	27.04	29.50
Metric 3	23.64	26.81	31.10	22.90	27.71	27.04	29.50

Time Axis set to VERTICAL by default



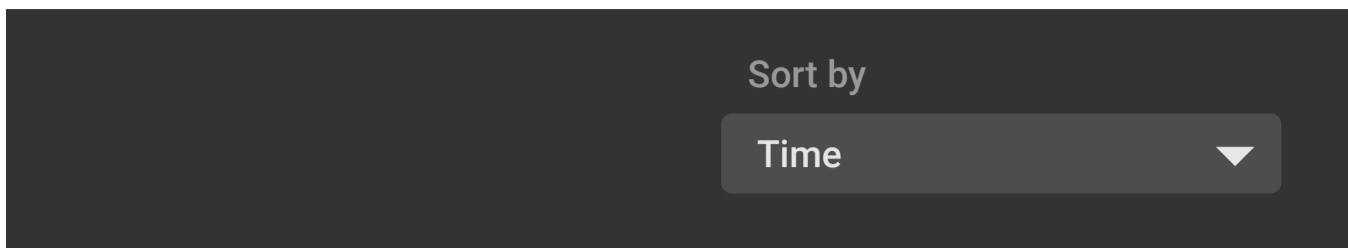
Time displayed vertically (first column)
crosshair moves up/down

Time	Metric 1	Metric 2	Metric 3
02/09/2018 16:05:31	23.64	23.64	23.64
02/09/2018 16:05:30	26.81	26.81	26.81
02/09/2018 16:05:29	31.10	31.10	31.10
02/09/2018 16:05:28	22.90	22.90	22.90
02/09/2018 16:05:27	27.71	27.71	27.71
02/09/2018 16:05:26	27.04	27.04	27.04
02/09/2018 16:05:25	29.50	29.50	29.50

Time displayed horizontally (first row)
crosshair moves left/right

Time	16:05:25	16:05:26	16:05:27	16:05:28	16:05:29	16:05:30	16:05:31
Metric 1	23.64	26.81	31.10	22.90	27.71	27.04	29.50
Metric 2	23.64	26.81	31.10	22.90	27.71	27.04	29.50
Metric 3	23.64	26.81	31.10	22.90	27.71	27.04	29.50

Sorting



Tables should be default be sorted by TIME, but can optionally be sorted by a specific column.

If sorted by a column other than TIME, disabled the highlighting synchronized with the other cells

Time	Metric 1 ▼	Metric 2	Metric 3
02/09/2018 16:05:31	23.64	23.64	23.64
02/09/2018 16:05:30	26.81	26.81	26.81
02/09/2018 16:05:29	31.10	31.10	31.10
02/09/2018 16:05:28	22.90	22.90	22.90
02/09/2018 16:05:27	27.71	27.71	27.71
02/09/2018 16:05:26	27.04	27.04	27.04
02/09/2018 16:05:25	29.50	29.50	29.50

Additionally the user can sort by column from the dashboard view by clicking on a column header.

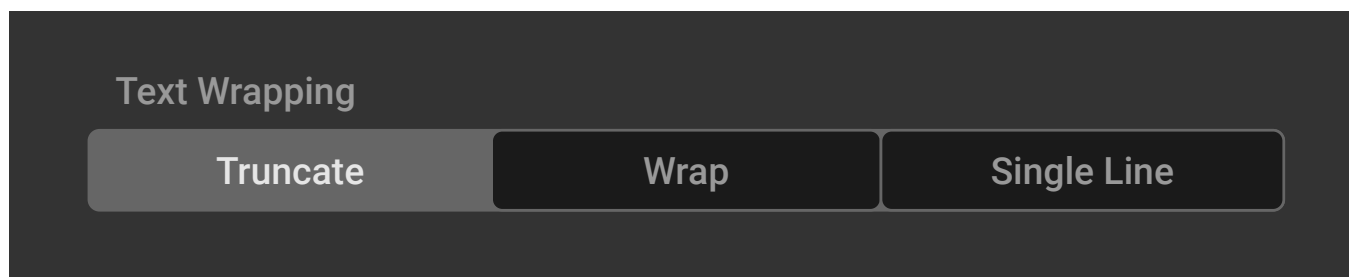
When a column is the sort column it has an arrow indicating its state as well as the sort direction. Clicking a different column changes that one to be the sort by column. Clicking a column that is already the sort by column simply toggles the sort direction.

**See sortable header behavior in Alert History Table*

Time	16:05:25	16:05:26	16:05:27	16:05:28	16:05:29	16:05:30	16:05:31
Metric 1 ▼	23.64	26.81	31.10	22.90	27.71	27.04	29.50
Metric 2	23.64	26.81	31.10	22.90	27.71	27.04	29.50
Metric 3	23.64	26.81	31.10	22.90	27.71	27.04	29.50

When the table is horizontally oriented, the sorts are from left to right & vice versa

Text wrap set to TRUNCATE by default



Text wrap: Single Line

Table cells grow in width only to accommodate contents without wrapping

Time	Metric 1	Metric 2	Metric 3
02/09/2018 16:05:31	23.64	23.64	23.64
02/09/2018 16:05:30	valuesvalues values values	26.81	26.81
02/09/2018 16:05:29	31.10	31.10	31.10
02/09/2018 16:05:28	22.90	22.90	22.90

Text wrap: Truncate

Table cells have a fixed width and contents extending beyond that are truncated with ellipsis (...)

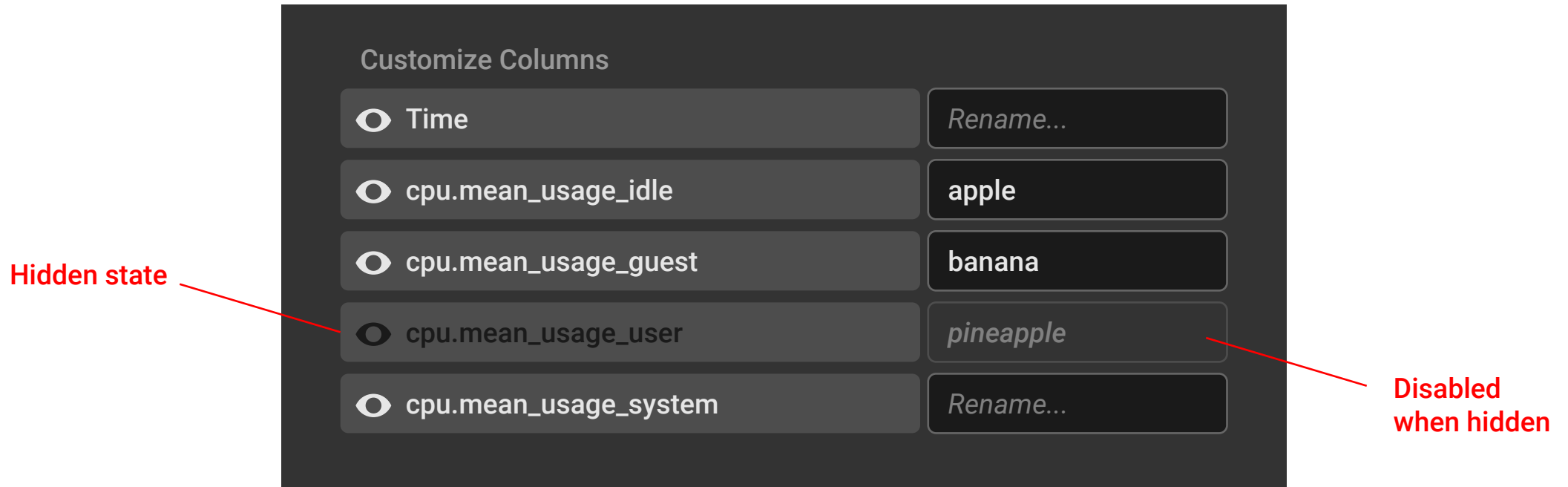
Time	Metric 1	Metric 2	Metric 3
02/09/2018 16:05:31	23.64	23.64	23.64
02/09/2018 16:05:30	valuesvalues val...	26.81	26.81
02/09/2018 16:05:29	31.10	31.10	31.10
02/09/2018 16:05:28	22.90	22.90	22.90

Text wrap: Wrap Text

Height of cells can grow to accommodate contents, but width is fixed

Time	Metric 1	Metric 2	Metric 3
02/09/2018 16:05:31	23.64	23.64	23.64
02/09/2018 16:05:30	valuesvalues values values	26.81	26.81
02/09/2018 16:05:29	31.10	31.10	31.10
02/09/2018 16:05:28	22.90	22.90	22.90

- All columns are SHOW by default
- Clicking the EYEBALL toggles between show/hide
- Command + Click hides all columns except the clicked one
- Rename field is blank by default



If there are more than 6 columns, the list of columns should scroll to conserve space

Assuming that when the user renames a column they are giving it a shorter name
Thus the column name should be 2/3 of the horizontal space and the rename field is 1/3

Table cells can re-use the Single Stat thresholds except for a few differences:

- Base Color should be Castle (#292933) by default
(will need to be added to src/dashboard/constants/gaugeColors.js)
- Coloring should be BACKGROUND by default

The image shows a configuration panel with a dark background. At the top, the word "Thresholds" is written in a light gray font. Below it is a solid blue horizontal bar. Underneath the bar are two rows of controls. The first row has a "Base Color" label on the left and a dropdown menu on the right showing "White" with a white circle icon and a downward arrow. The second row has a "Threshold" label on the left, a text input field containing "20" in the middle, and a dropdown menu on the right showing "Honeydew" with a green circle icon and a downward arrow. Below these controls, the text "Threshold Coloring" is displayed. At the bottom, there are two buttons: "Background" and "Text". The "Background" button is highlighted with a light gray background, while the "Text" button has a dark gray background.