

DweetPro History Widget

Bug Labs is proud to release our newest addition to dweetPro and freeboard, Historical Charts!

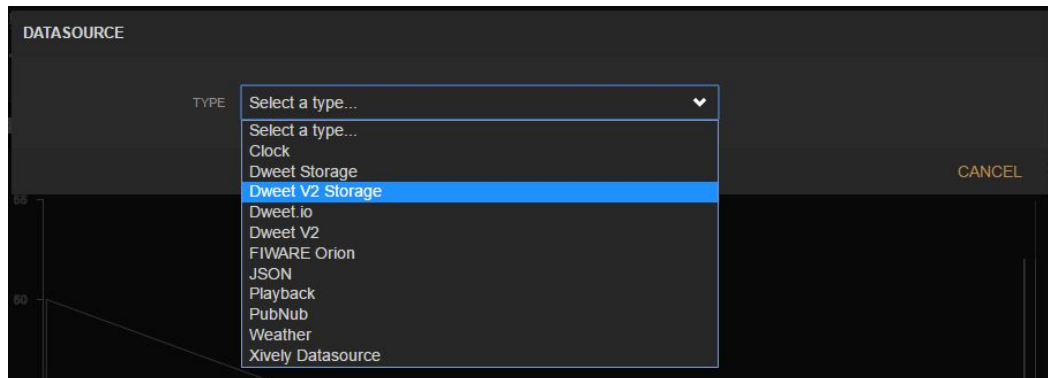
Our latest charting library works with stored dweetPro data (<https://dweetPro.io>), which can only be accessed using your dweetPro account credentials.

The following tutorial will walk through setup and usage of the History Widget.

Step 1:

Connect your dweetPro account:

- Add a new datasource \
- Select Dweet V2 Storage



Fill out datasource details:

- Give your datasource a name
- Add the thing-name of the dweetPro device you want to use
- Click button to return all dweets, or choose a start and end date
- Make sure the data returns as an Array, then click SAVE

DATASOURCE

TYPE: Dweet V2 Storage

NAME: Test

THING NAME: thing_name1
MUST be a locked thing. See <https://dweet.io/locks> for more info

START DATE: 2017-05-30T22:19:29.086
The calendar date (YYYY-MM-DD) from which you'd like to start your query.

END DATE: 2017-05-30T22:20:27.849
The calendar date (YYYY-MM-DD) from which you'd like to end your query.

RETURN ALL DWEETS? ☐ NO
Retrieves all dweets, or only dweets in range specified above.

RETURN TYPE: Array
Select how the dweet data series is returned to subscribing widgets. NOTE: Choose the default 'Array' for use with the DweetV2 Historical Chart Widget

SAVE CANCEL

Enter your dweetPro account details.

- After saving your datasource details, you will be prompted to enter your dweetPro login details. Enter details and click Login

DWEET.IO

USERNAME: @buglabs.net

PASSWORD: *****

LOGIN CANCEL

If you see a blank popup, click Login, then refresh the datasource

DWEET.IO

LOGIN CANCEL

You should now see a last updated time next to your datasource:

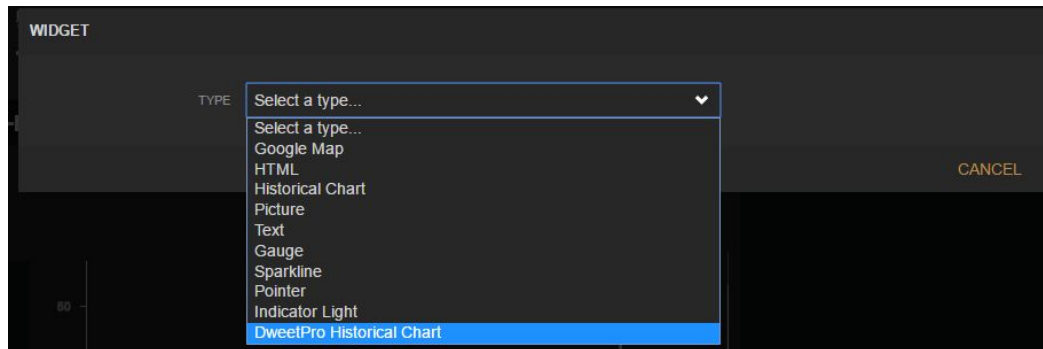
DATASOURCES	
Name	Last Updated
trial	3:39:32 PM
ADD	

Note: you must have data available in your account for the datasource to update properly. If you do not have data in your account, please add some via the dweetPro console: <https://github.com/buglabs/dweetpro.io-docs>

Step 2:

Visualize your stored data:

- Add a new pane
- Add the Historical Widget as pictured below



Fill in the widget details:

- Choose between Line or Bar chart
- Add the Data Array (Just click the + DATASOURCE button and select high level source)
- Add the Data Field (Using same DATASOURCE as earlier, select the arrays, fields, and data type)
- Select the Time Frame
 - All, Last Minute, Hour, Day, Week, Month
- Enter Y Min and Max, or leave blank
 - If left blank, Min and Max will be automatically selected by available data min/max
- Choose the size (please make note of the instructions below the Size field, which explains that the Pane's Column setting must be edited according to the chosen chart size)
- Click SAVE

WIDGET

Creates a bar or line chart from DweetPro locked data.

TYPE

DweetPro Historical Chart

CHART TYPE

Line

JSON DATA ARRAY

datasources["Test"]

+ DATASOURCE

JS EDITOR

TARGET DATA FIELD

datasources["Test"][0]["content"]["speed"]

+ DATASOURCE

JS EDITOR

TIME FRAME

1 Minute

Y-MIN

Y-MAX

SIZE

Medium

Small: 300x180, Medium: 600x420, Large: 900x600.
NOTE: You must also set the containing Pane's COLUMNS value to 1 (Small), 2 (Medium) or 3 (Large)

INCLUDE AXIS?

YES

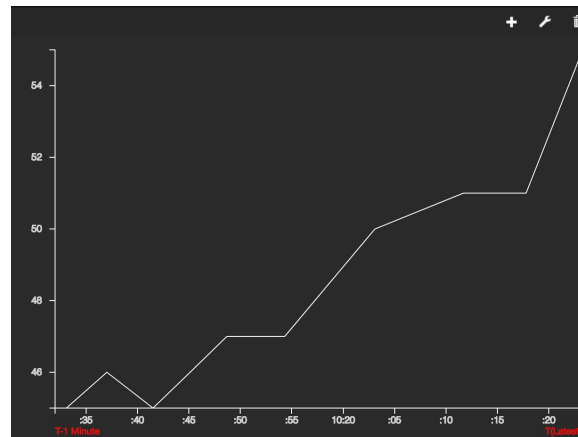
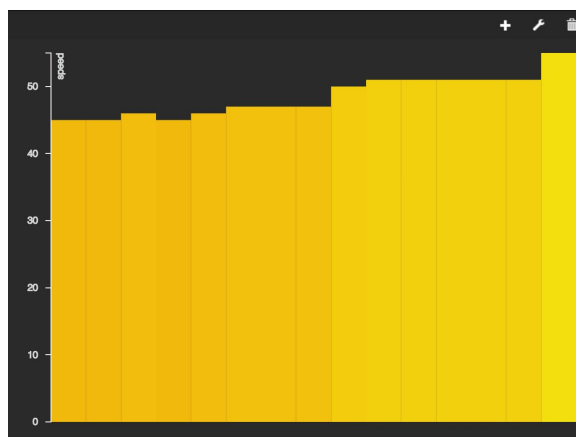
SAVE

CANCEL

Step 3:

Enjoy!

Here are two chart examples showing the same data:



Congratulations! You have successfully added stored history to freeboard.