



Smart Cities Hackathon Tier 1 Challenge 3

Challenge 3: Custom Charting

In this challenge, you will customise an existing sensor chart to add data from other sensors, then make this a shareable link. If you'd like, you can share this with your friends and family post-event. You will learn how to use the charting elements of core.aql.com.

Step 1

Select "Device" from the left menu, and browse the list of sensors available. Use filters to help find a relevant location.

Devices

Filter Devices

Location: aql: Temp Sensors Gateway: Any

Reset

DEVICE	IDENTIFIER	ALARMS	GATEWAY	LOCATION	SENSORS	LAST UPDATED
00137A10000178DE_demo	00137A10000178DE_demo	-	N/A	aql: Temp Sensors	4	10 minutes ago
00137A10000178DF_demo	00137A10000178DF_demo	-	N/A	aql: Temp Sensors	4	9 minutes ago
eui-00137a100000a270_demo	eui-00137a100000a270_demo	-	N/A	aql: Temp Sensors	6	3 minutes ago
eui-00137a100000a271_demo	eui-00137a100000a271_demo	-	N/A	aql: Temp Sensors	6	6 minutes ago
eui-00137a100000afe8_demo	eui-00137a100000afe8_demo	-	N/A	aql: Temp Sensors	6	11 minutes ago
eui-00137a100000affc_demo	eui-00137a100000affc_demo	-	N/A	aql: Temp Sensors	6	7 minutes ago
eui-00137a100000affd_demo	eui-00137a100000affd_demo	-	N/A	aql: Temp Sensors	6	42 minutes ago
eui-00137a100000b004_demo	eui-00137a100000b004_demo	-	N/A	aql: Temp Sensors	6	12 minutes ago
eui-00137a100000b007_demo	eui-00137a100000b007_demo	-	N/A	aql: Temp Sensors	6	1 minute ago
eui-00137a100000b009_demo	eui-00137a100000b009_demo	-	N/A	aql: Temp Sensors	6	13 minutes ago
eui-244e7b0000003c8e_demo	eui-244e7b0000003c8e_demo	-	N/A	aql: Temp Sensors	5	2 hours ago

Results per page: 10 25 50 100

Step 2

Select the device you wish to use for the shared chart by clicking on the link found in the first column. After this, select the sensor from Challenge 2 to view its chart. For permission reasons, you must use the device you or your team have created.

00137A10000178DE_demo

Edit device Delete data Generate Certificate

Decoder: Temp Sensors
Identifier: 00137A10000178DE_DEMO
Date Added: 18/10/2023
Last Updated: 11 minutes ago
Type: Other

Sensors

SENSOR	KEY	ALARMS	LATEST VALUE	LAST UPDATED	DATA RETENTION
Absolute Humidity	humidity	-	43.78 %	11 minutes ago	90 days
RSSI	-	-	-85.00 dBm	11 minutes ago	90 days
SNR	-	-	6.80 dBm	11 minutes ago	90 days
Temperature	temperature	-	20.92 °C	11 minutes ago	90 days

Event Markers

Add Event Type

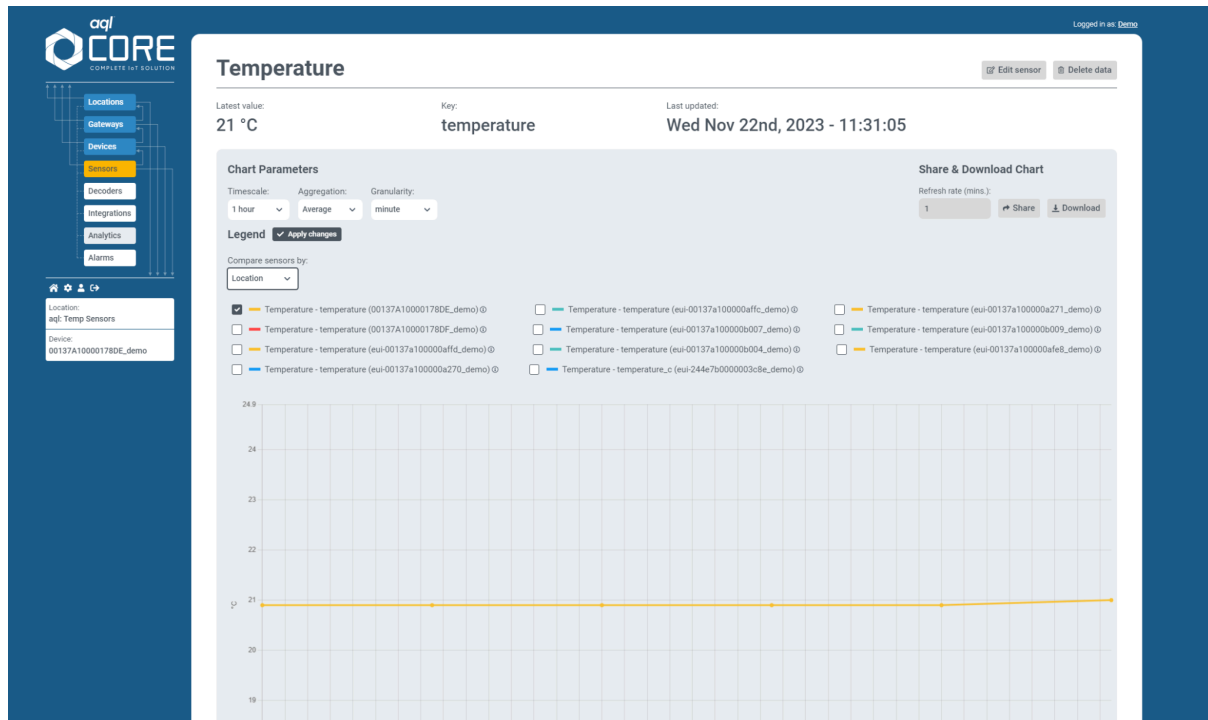
Marker type: None

Add date: 22nd Nov, 2023 - 11:27

Marker comment:

Step 3

Now choose the timescale, aggregation, and granularity. At this stage you can add further sensors of that type from a DIFFERENT device or location. Use the “edit values” for the legend and choose a filter from the dropdown, before selecting the sensors to compare with.



Step 4

Next, choose a relevant timescale, granulation and refresh rate for the widget and press “share.” Finally, open the chart to view the shareable chart you’ve created! You have now completed this challenge and this chart can be shared post-event.