

Data Types

CZO Geodashboard Data Types

Types of point data sensors for IML-CZO:

Type	Display Name	Location	Depth	Variable	Show Time series	Supported
1		Point	No	1	No	No
2		Point	No	1	Yes	Yes
3		Point	No	Many	No	No
4		Point	No	Many	Yes	Yes
5		Point	Multiple sensors	1	Yes	No
6		Point	Multiple sensors	Many	Yes	No
7		Point	1 sensor	Many	Yes	Yes

Type #1

API: One can have a stream with only one data point in it

GUI: Assumes timeseries plot. Need to add new visualization type for one data point.

Difficulty: Easy

Type #2

API: Supported

GUI: Supported using timeseries and box and whisker plot.

Type #3

API: One can have a stream with only one data point in it

GUI: Assumes timeseries plot. Need to add new visualization type for one data point.

Difficulty: Easy

Type #4

API: Supported

GUI: Supported using timeseries and box and whisker plot.

Type #5

API: Streams could be used to support this, with sensor representing a location and streams the different sensors

GUI: A third visualization type would have to be implemented

Difficulty: GUI is the harder part

Type #6

API: Same as #5

GUI: Same as #5

Difficulty: Same as #5

Type #7

API: Supported

GUI: Depth graph available