Types of DashboardParts

Currently, following types of dashboard parts are supported. New types can be implemented, if desired (see Developing DashboardParts).

- Text-based
- Table
- Lines
- Wheel
  - Settings
- Liquid Gauge
- Compass
- Voronoi Diagram
- Color Chart
- Quad Tree
- Track

Text-based

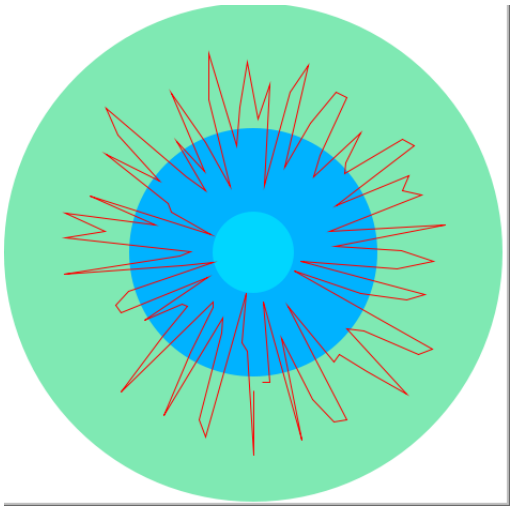
Table

timestamp	id	name	email	creditcard	city	state
880000	175	Elyse Garnham	Garnham@ima	1118 9273 5251	Fairbanks	Lagnier
885000	176	Janett Canny	Canny@uni-mu	1708 1463 8843	Tallahassee	Georgia
890000	177	Aiqin Goffin	Goffin@ac.at	9710 4579 4948	Guaymas	Montana
895000	178	Norris Kroeger	Kroeger@ul.pt	3429 3576 3927	Barbados	Michigan
900000	179	Rangasam Akse	Akselsen@uwo	8203 8896 4882	Bamako	Gafter
905000	180	Yam Claus	Claus@yahoo.c	4114 8143 4702	Lynchburg	Maloney
910000	181	Subarna Lecoute	Lecoutre@ucd.i	7767 8306 1533	Vancouver	Doudou
915000	182	Kattamuri Tholle	Thollembeck@u	1343 1272 2876	Portland	Delaware
920000	183	Kemal Petereit	Petereit@ask.c	6073 9461 2752	Corpus	Kakizaki
925000	184	Nagi Altus	Altus@msn.com	2723 6626 5112	Mexico	Linsker
930000	185	Mengjou Chitil	Chitil@auth.gr	6930 5724 9012	Dublin	Oklahoma
935000	186	Rephael Fische	Fischetti@suny	4933 9810 3011	Bozeman	District Of Col
940000	187	Nizam Smeets	Smeets@unbc.c	2649 1705 5376	Dublin	Alaska
945000	188	Kyujin Uludag	Uludag@hitachi	8613 1933 8371	Puerto	Prenel

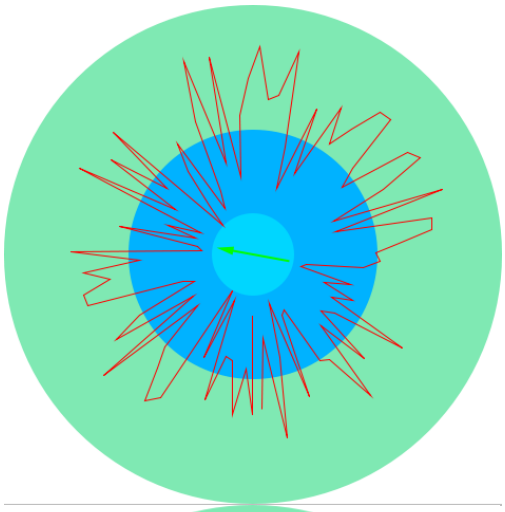
Lines

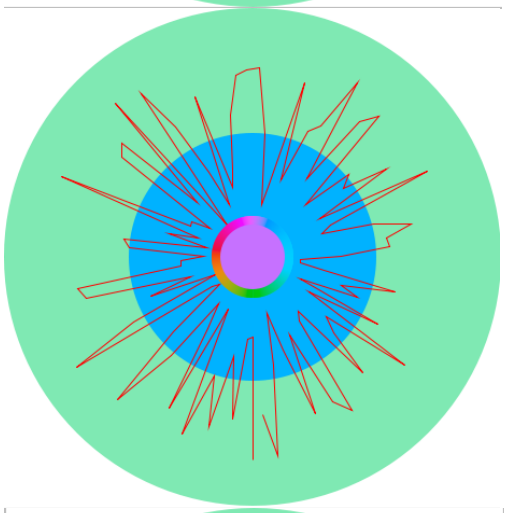
Wheel

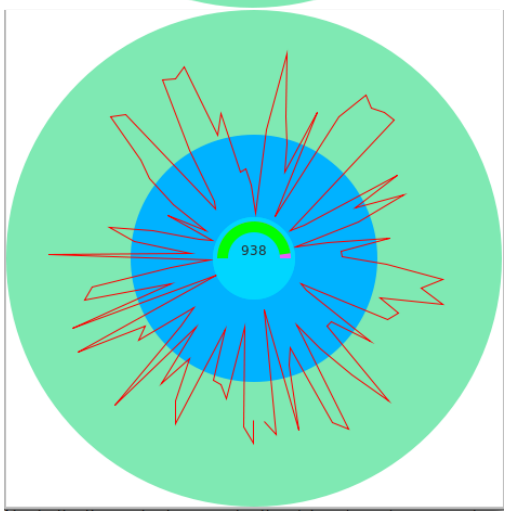
The wheel chart transforms the selected attribute value into circle coordinates and plots them on a wheel. If the *autoadjust* setting is enabled, the value will be normalized to 360 degree. In addition you can set the fore- and background of the chart.

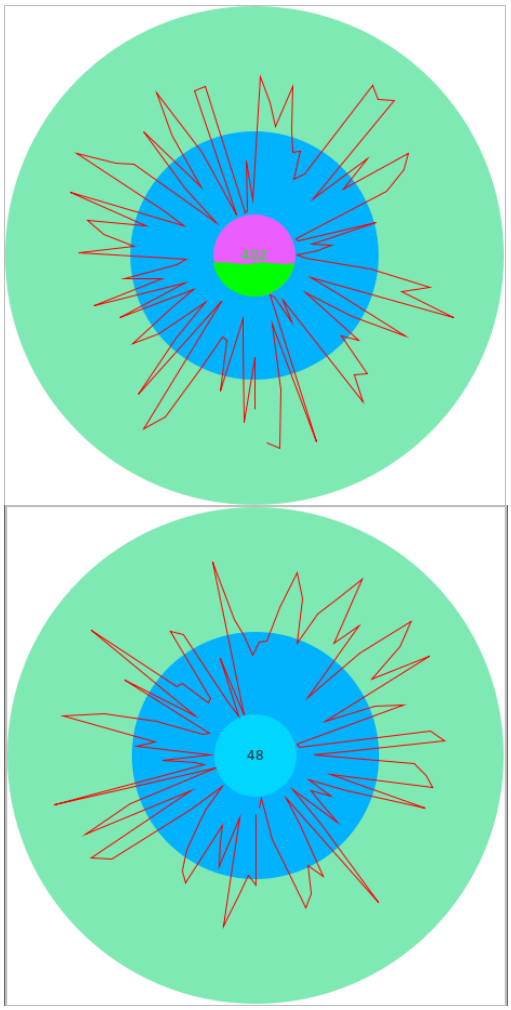


In addition to the basic wheel, you can select combined dashboard parts with arrow, color, gauge, liquid gauge, and text to display additional information.



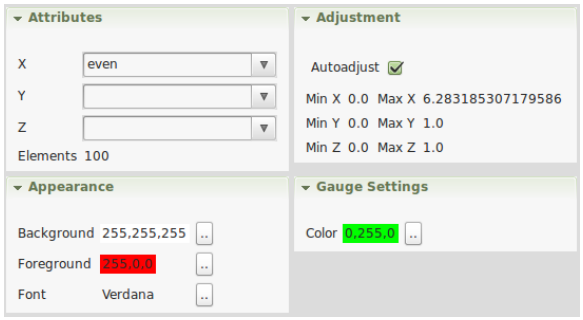



938



Settings

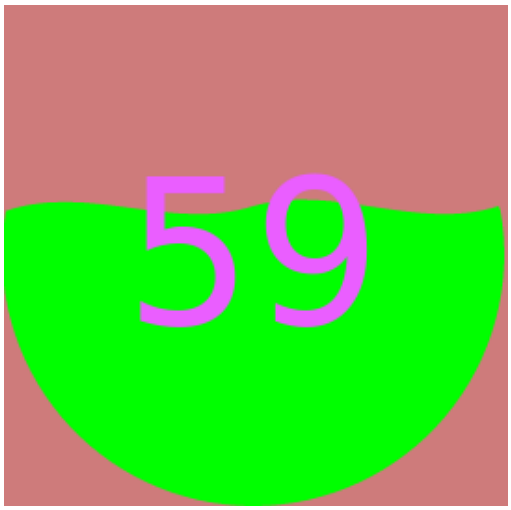
Depending on the selected wheel chart, you can select the used attributes, adjustment, and appearance of the chart.



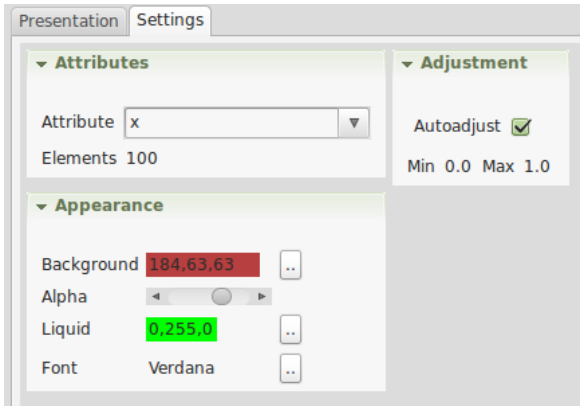
Example

Liquid Gauge

The liquid gauge displays the current value as a liquid indicating the current value in the center.



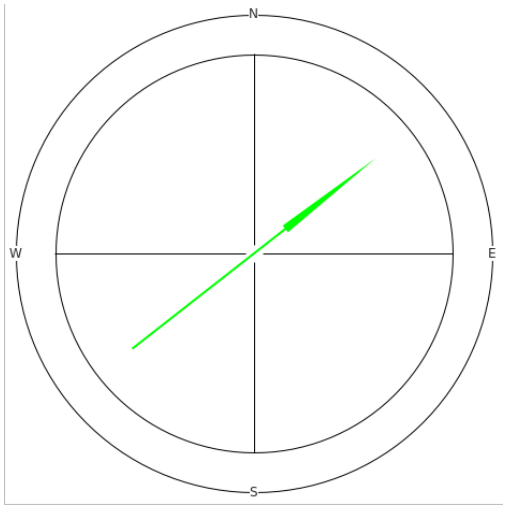
In the settings the stream attribute has to be selected. The maximum number of elements is needed to estimate the minimum and maximum value used to draw the current fill height. In the appearance section, the background color, the transparence alpha value, the liquid color, and the font can be selected.



Example

Compass

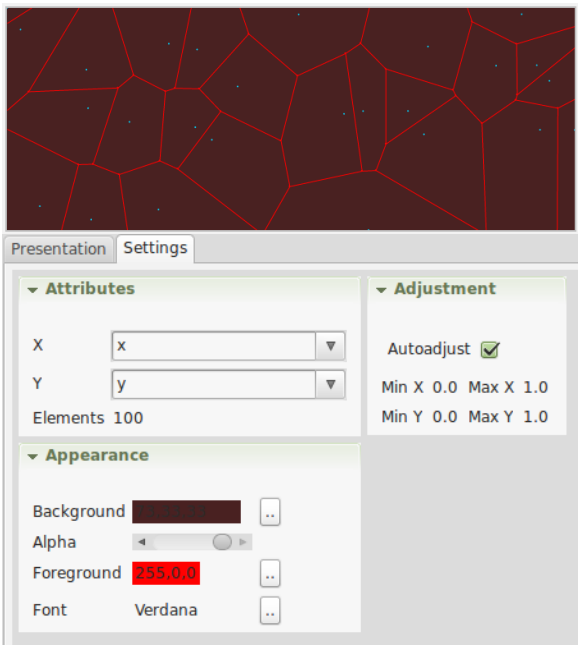
The compass chart draws the current value of an attribute as a cardinal direction by normalizing the value between 0 and 360 degree.



Example

Voronoi Diagram

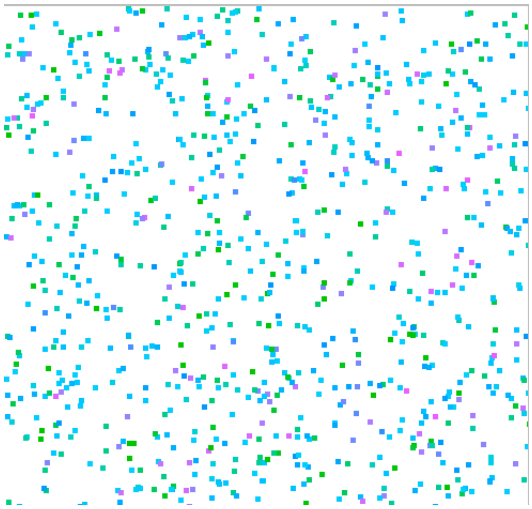
Visual partitioning using a Voronoi diagram. Voronoi diagrams are used in finding clear routes in robot navigation, nearest neighbor queries, and many other applications.

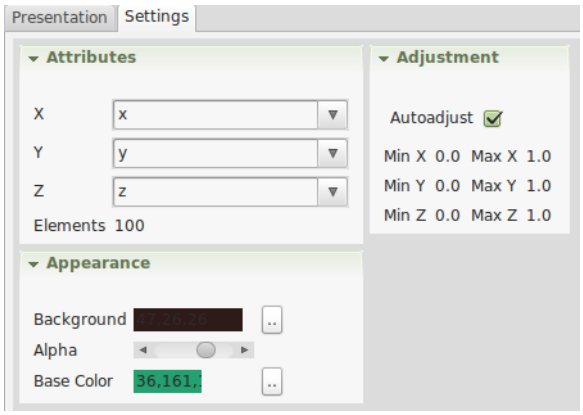


Example

Color Chart

Visualisation of spatial measurements using different colors.

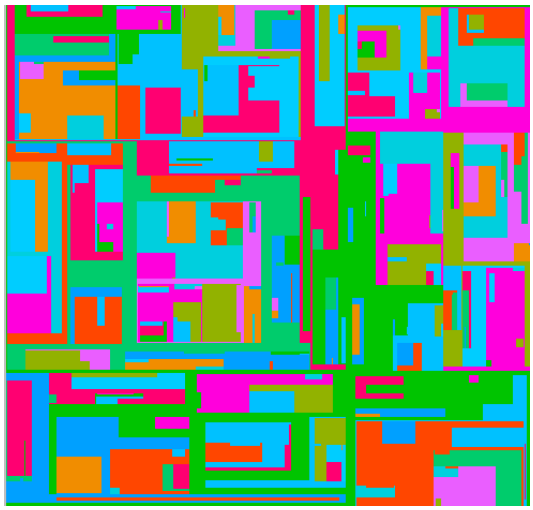


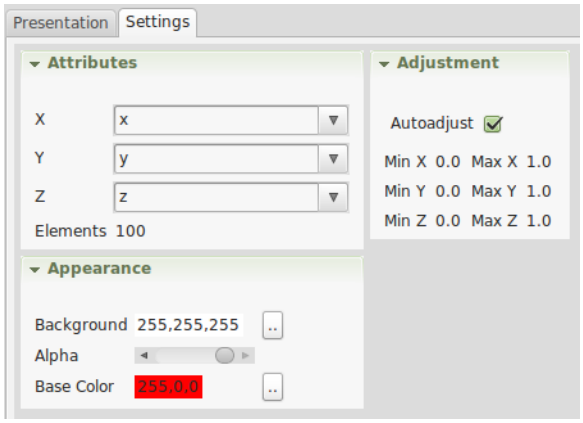


Example

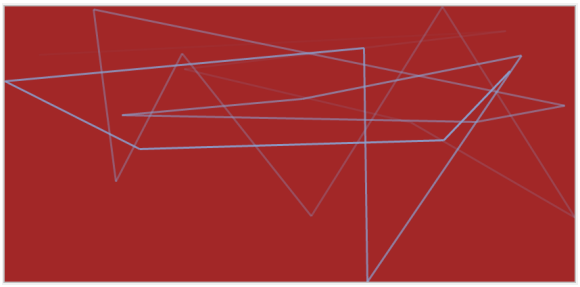
Quad Tree

Visual partition of spatial measurements using a Quad Tree.





Example

Track

Draws a track of spatial measurements. In addition, an image can be used as a background image to i.e., draw a track on a map.