

FancyChart

Simple JavaScript library for creating bar- and pie-charts

Installation

Download *fancychart.js* into your project-folder and add a script tag in the head of your webpage:

```
<script src="fancychart.js"></script>
```

Interface

Constructor	Description
FancyChart(<i>canvas</i>, <i>array:int</i>)	Creates a new FancyChart object (drawn in the canvas element) with the given values

Methods	Description
drawBarChart()	Draws a bar-chart
drawPieChart()	Draws a pie-chart
setValues(<i>array:int</i>)	Sets (changes) the values in the chart
setBarColor(<i>color</i>)	Sets the background color of the bars in a bar-chart
setPieColor(<i>array:color</i>)	Sets the background colors of each pie-slice in a pie-chart
setLineColor(<i>color</i>)	Sets the line color
setLineWidth(<i>int</i>)	Sets the line width (thickness) of the lines

Event	Description
barselect	Dispatched when the user clicks on a bar
<i>eventObject.index :int</i>	The index of the bar (the far-left bar has index 0)
<i>eventObject.value :int</i>	The value of the bar
pieselect	Dispatched when the user clicks on a pie-slice
<i>eventObject.index :int</i>	The index of the pie-slice (the slice starting at 0° has index 0)
<i>eventObject.value :int</i>	The value of the pie-slice

Example

```
let cnv = document.getElementById("myCanvas");
let myChart = new FancyChart(cnv, [230, 156, 12, 89]);
myChart.drawBarChart();
myChart.setBarColor("red");

//event handler
cnv.addEventListener("barselect", function(evt) {
    console.log(evt.index);
    console.log(evt.value);
});
```