

Bar Chart Documentation Format Guide

1. Overview

This document provides a standardized format for documenting the use, configuration, and customization of Bar Charts in projects. Consistency in documentation ensures clarity and facilitates collaboration.

2. Bar Chart Description

Briefly describe the purpose of the Bar Chart, what data it visualizes, and any context necessary for understanding the chart.

- Example:** Visualizes monthly sales data for 2023, allowing comparison across different product categories.

3. Data Structure

Define the expected format of the input data for the Bar Chart.

```
[
  { "label": "Category A", "value": 120 },
  { "label": "Category B", "value": 80  },
  { "label": "Category C", "value": 100 }
]
```

Field	Type	Description
label	string	Name/category displayed on the x-axis
value	number	Numeric value represented by bar height

4. Usage Example

Provide a code snippet showing how to render the Bar Chart and supply data.

```
<div id="chart"></div>
<script>
// Example using a hypothetical BarChart library
BarChart.render({
  element: '#chart',
  data: [
    { label: 'Jan', value: 30 },
    { label: 'Feb', value: 45 },
    { label: 'Mar', value: 25 }
  ],
  xLabel: 'Month',
  yLabel: 'Sales ($k)'
});
</script>
```

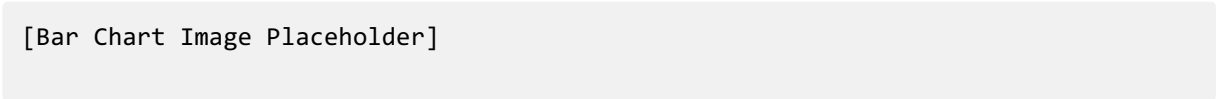
5. Customization Options

List available options for modifying chart behavior and appearance.

Option	Type	Description	Default
xLabel	string	X-axis label	"
yLabel	string	Y-axis label	"
barColor	string	Hex color or CSS color for bars	#1a73e8
showValues	boolean	Display values atop bars	true

6. Sample Output

Attach or reference an image of the rendered Bar Chart, if possible.



7. Version History

Date	Version	Description
2024-02-18	1.0	Initial documentation created

8. References

- Library documentation: <https://barchartlib.example/docs>
- Data source: `MonthlySalesData.csv`
- Always specify the data structure expected by the chart component.
- Include both code and configuration examples for clarity.
- Update the documentation whenever chart options or data requirements change.
- Provide a sample chart or visual reference to enhance comprehension.
- Keep version history up to date for traceability.