

JavaScript Charting Documentation - SciChart JavaScript Charts SDK v3.x



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ZoomPanModifier

SciChart.js provides an scrolling / panning behavior via the [ZoomPanModifier type](#), available out of the box.



As of SciChart.js v3.2, **ZoomPanModifier** now inherits **PinchZoomModifier**, allowing you to configure zooming, panning and touch-to-zoom interaction via a single modifier.

All the properties for the **PinchZoomModifier** may be set to control vertical/horizontal zooming, include/exclude axis from pinch zooming etc..

Besides common features which are inherited from the [ChartModifierBase](#) class, the [ZoomPanModifier](#) allows to **restrict scrolling** to the horizontal or vertical direction only, via the [xyDirection property](#).

Adding a ZoomPanModifier to a Chart

A ZoomPanModifier can be added to the [sciChartSurface.chartModifiers](#) collection to enable panning behavior. For example:

JAVASCRIPT

JSON-BUILDER

```
const {
  ZoomPanModifier,
  EXyDirection
} = SciChart;

// or for npm: import { PinchZoomModifier } from "scichart";

// Add Zoom Pan and Pinch behaviour to the chart. All parameter
sciChartSurface.chartModifiers.add(new ZoomPanModifier({
  // Specifies Panning in X,Y direction or both
  xyDirection: EXyDirection.XyDirection,
  // Enables Pinch Zoom functionality
```