TritiumCartesianChart

Plot business and financial series on a shared X/Y chart with zoom, a legend, and PNG export.

Install

TritiumCartesianChart is part of Tritium UI for .NET MAUI. Add the package source from your license to your NuGet configuration, then restore from there. These packages are not on the public NuGet Gallery.

The URL below is a placeholder. Replace it with the package source on your license. This site does not publish that URL.

```
<?xml version="1.0" encoding="utf-8"?>
<configuration>
  <packageSources>
    <add key="TritiumApps" value="FEED_URL_FROM_YOUR_LICENSE" />
  </packageSources>
</configuration>
```

Reference the package on your license that includes TritiumCartesianChart.

Platforms

Android, iOS, Mac Catalyst, and Windows 10 version 19041 and later (.NET 10 MAUI).

Basic example

Declare this namespace on the page.

```
xmlns:charts="clr-namespace:Tritium.Maui.Charts;assembly=Tritium.Maui.Charts"
<charts:TritiumCartesianChart XAxisMode="Category" IsLegendVisible="True" IsZoomEnabled="True">
    <charts:TritiumCartesianChart.Series>
        <charts:LineSeries ItemsSource="{Binding Points}" XBindingPath="Month"
YBindingPath="Revenue" Label="Revenue" />
    </charts:TritiumCartesianChart.Series>
</charts:TritiumCartesianChart>
```

Features

• Drop in line, spline, area, bar, stacked and 100% stacked bar/area, scatter, range area, error bar, waterfall, and box-and-whisker series.
• Chart OHLC and candlestick prices, with an optional volume pane and bull/bear colors.
• Bind each series to a collection with X and Y property paths, or numeric, category, or date X values.
• Use a linear or log Y axis, a secondary Y axis, axis titles, and vertical gridlines.
• Let the user zoom and pan, show a crosshair and tooltips, and sync zoom across charts that share a ZoomSyncGroup.
• Place the legend on any side, pick a named palette (teal, ocean, sunset, or mono), and override a series color.
• Draw reference lines and trend overlays: linear fit, moving average, quadratic fit, Bollinger bands, and VWAP.
• Animate series changes, show an empty-state message, and export the plot to a PNG stream or file.

• Select a point and handle SeriesPointSelected.

Main API

• **Series.** The line, bar, area, scatter, financial, and other series to plot.
• **XAxisMode.** Category, numeric, or date positions on the X axis.
• **IsZoomEnabled.** Lets the user zoom the plot; IsPanEnabled scrolls the zoomed view.
• **SeriesPointSelected.** Fires when the user selects a data point.

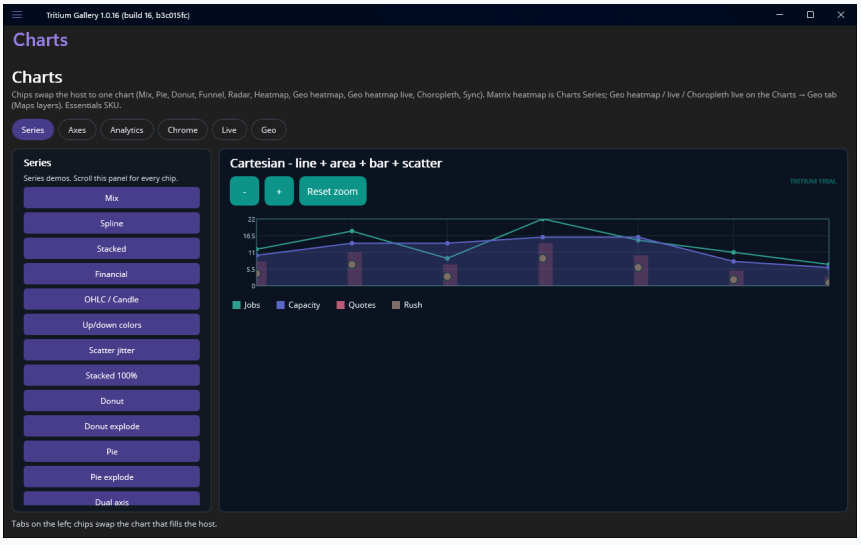
Accessibility

• Give the control a visible name on the page, the same way you label any .NET MAUI view.
• Pick theme colors with a clear difference between the text and the surface behind it. The theme packs do not add a separate contrast mode. The difference comes from the colors you choose.
• Do not use color as the only way to tell two states apart.
• Try the page with the platform screen reader on Android, iOS, Mac Catalyst, and Windows.
• Keyboard access follows the .NET MAUI view. Check the control on each platform you ship.

Tips

• Restore TritiumCartesianChart from the package source on your license. These packages are not on the public NuGet Gallery.
• Reference the package on your license that includes TritiumCartesianChart.
• Target frameworks are net10.0-android, net10.0-ios, net10.0-maccatalyst, and net10.0-windows10.0.19041.0. Minimum OS versions are Android 21, iOS 15, Mac Catalyst 15, and Windows 10.0.17763.

Screenshot



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