TritiumPieChart

Show parts of a whole as a pie or donut, with explode, a legend, and PNG export.

Install

TritiumPieChart 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 TritiumPieChart.

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:TritiumPieChart HoleRadius="0.55" IsLegendVisible="True">
    <charts:TritiumPieChart.Series>
        <charts:PieSeries ItemsSource="{Binding Shares}" XBindingPath="Name"
YBindingPath="Amount" />
    </charts:TritiumPieChart.Series>
</charts:TritiumPieChart>
```

Features

• Bind one PieSeries to a collection with label and value property paths.
• Set HoleRadius above zero to draw a donut.
• Explode a slice by index, or explode the slice the user selects.
• Show or hide the legend and tooltips, and play a short series animation.
• Show a custom empty-state message when there is no data.
• Select a slice and handle SeriesPointSelected.
• Export the chart to a PNG stream or file.

Main API

• **Series.** The single pie series (labels and values).

• **HoleRadius.** Inner hole size; zero is a pie, larger values make a donut.
• **ExplodedIndex.** Which slice is pulled out; ExplodeSelected pulls out the tapped slice.
• **SeriesPointSelected.** Fires when the user selects a slice.

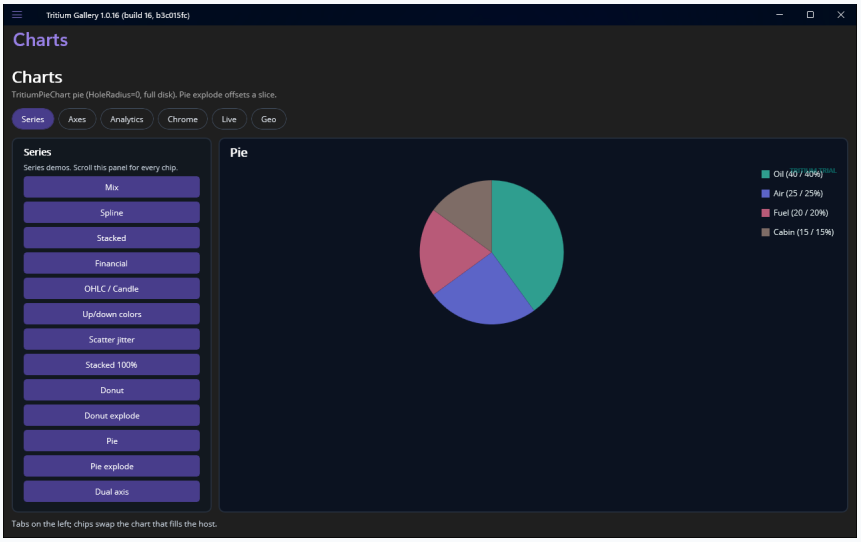
Accessibility

• 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 TritiumPieChart from the package source on your license. These packages are not on the public NuGet Gallery.
• Reference the package on your license that includes TritiumPieChart.
• 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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