TritiumPivotGrid

Turn a flat list into a row, column, and value matrix with totals.

Install

TritiumPivotGrid 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 TritiumPivotGrid.

Platforms

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

Basic example

Declare this namespace on the page.

```
xmlns:pivot="clr-namespace:Tritium.Maui.Pivot;assembly=Tritium.Maui.Pivot"
<pivot:TritiumPivotGrid ItemsSource="{Binding Sales}"
                        ShowRowTotals="True"
                        ShowColumnTotals="True"
                        ValueFormat="0.##" />
```

Features

• Assign fields to rows, columns, and values and aggregate with sum, count, average, min, or max.
• Show row totals, column totals, and subtotals.
• Sort by the row label or by a data column, ascending or descending.
• Format numbers and choose the text shown for empty cells.
• Expand and collapse groups.
• Embed a field list, or share the same field collections with a separate TritiumPivotFieldList.
• Select a cell and handle CellTapped.
• Export the matrix to CSV or to a PNG.
• This is a flat-list pivot, not an OLAP cube.

Main API

• **ItemsSource.** The flat rows to reshape.

• **RowFields.** Fields that become row headers; ColumnFields and ValueFields complete the layout.
• **ShowRowTotals.** Adds a total column; ShowColumnTotals and ShowSubtotals are the matching switches.
• **CellTapped.** Fires with the pivot cell and its row and column indexes.

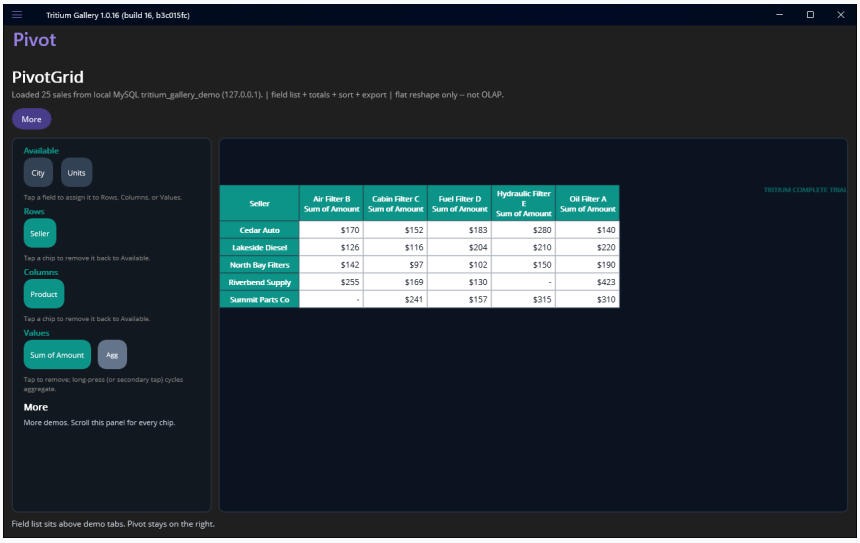
Accessibility

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