# TritiumPivotFieldList

Assign source fields to pivot rows, columns, and values without writing layout code.

## Install

TritiumPivotFieldList 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 TritiumPivotFieldList.

## 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:TritiumPivotFieldList x:Name="Fields"
                         RowFields="{Binding Rows}"
                         ColumnFields="{Binding Columns}"
                         ValueFields="{Binding Values}" />
```

## Features

• List available fields and move them into Rows, Columns, or Values.
• Share those three collections with a TritiumPivotGrid so the matrix stays in sync.
• Suggest field names from the first object's public properties.
• Tap a chip to send it back to Available.
• Cycle a value field's aggregate (sum, count, average, min, max) with a long-press or secondary tap.
• Start from an empty layout and let the user build the pivot.

## Main API

• **AvailableFields.** Field names or PivotField items not yet assigned.
• **RowFields.** Fields used as row headers.
• **ColumnFields.** Fields used as column headers.
• **ValueFields.** Measures, each with an aggregate.

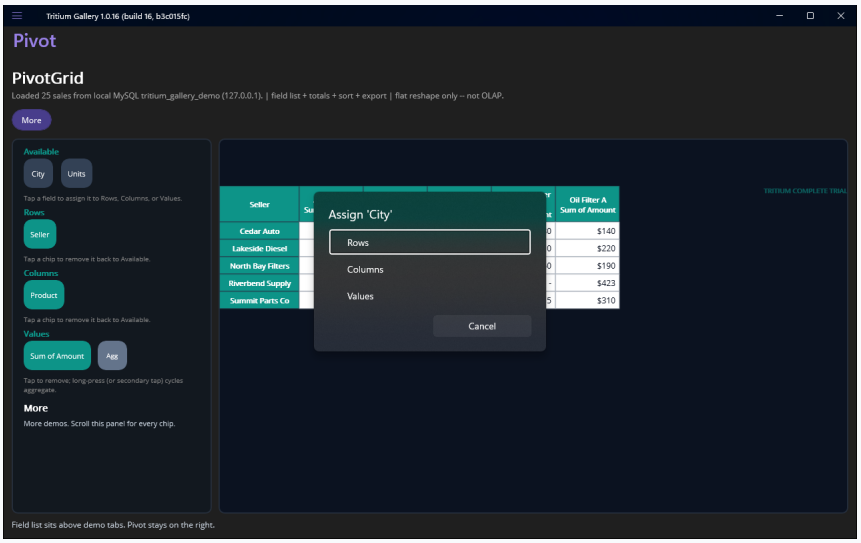
### Accessibility

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




TritiumPivotFieldList