TritiumTreeView

Show a hierarchy the user can expand, check, select, and reorder.

Install

TritiumTreeView 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 TritiumTreeView.

Platforms

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

Basic example

Declare this namespace on the page.

```
xmlns:tree="clr-namespace:Tritium.Maui.TreeView;assembly=Tritium.Maui.TreeView"
<tree:TritiumTreeView ItemsSource="{Binding Roots}"
                      ChildrenPath="Children"
                      DisplayMemberPath="Name"
                      SelectionMode="Single"
                      IsCheckBoxVisible="True" />
```

Features

• Bind a tree with a children property path, or load children when a node expands.
• Select nothing, one node, or many.
• Show checkboxes and read the checked items.
• Supply an item template, or display one property of each object.
• Drag to reorder siblings or drop a node onto a new parent.
• Expand and collapse from code, and listen for both.
• Hear NodeReordered and NodeReparented, including when your list is immutable and you must apply the move yourself.

Main API

• **ItemsSource.** The root nodes.

• **ChildrenPath.** Property that returns a node's children.
• **SelectionMode.** None, single, or multiple.
• **LoadChildren.** Raised on expand when LoadChildrenOnExpand is true; set Children on the event args.

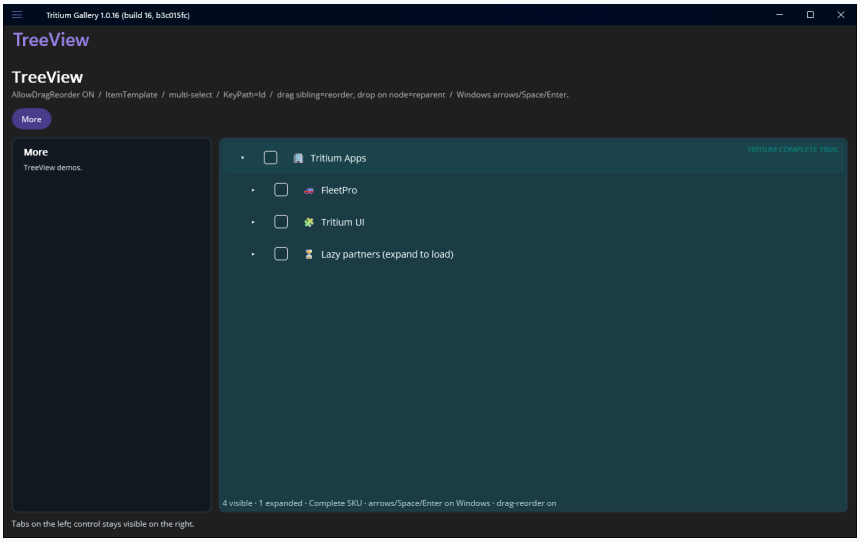
Accessibility

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