TritiumDockHost

Dock, float, reorder, and restore tool groups inside one page.

Install

TritiumDockHost 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 TritiumDockHost.

Platforms

Android, iOS, Mac Catalyst, and Windows 10 version 19041 and later (.NET 10 MAUI). The title-bar grab cursor is shown on Windows.

Basic example

Declare this namespace on the page.

```
xmlns:dock="clr-namespace:Tritium.Maui.Docking;assembly=Tritium.Maui.Docking"
<dock:TritiumDockHost x:Name="Dock" SnapToNeighbors="True" />
```

Features

- Stack TritiumDockGroup panels in a scrollable dock column.
- Drag a title bar to float the group, with a short move threshold so a click does not undock it.
- Snap floating groups to neighboring floats, the dock column, and the overlay edges.
- Drop a float back into the dock and choose its order from the drop position.
- Keep a pinned group on screen so it does not redock.
- Show, hide, or close a group, and listen for closed, shown, redocked, and drag-ended.
- Attach a visibility menu so the user can bring a hidden group back.
- On Windows, the title bar shows a grab cursor while the pointer is over it.

Main API

- **AddGroup.** Places a dock group in the column, optionally at an index.
- **FloatGroup.** Undocks a group into the floating layer.
- **RedockGroup.** Puts a floating group back into the dock column.

• **GroupClosed.** Fires when a group is closed; GroupRedocked fires when it returns to the dock.

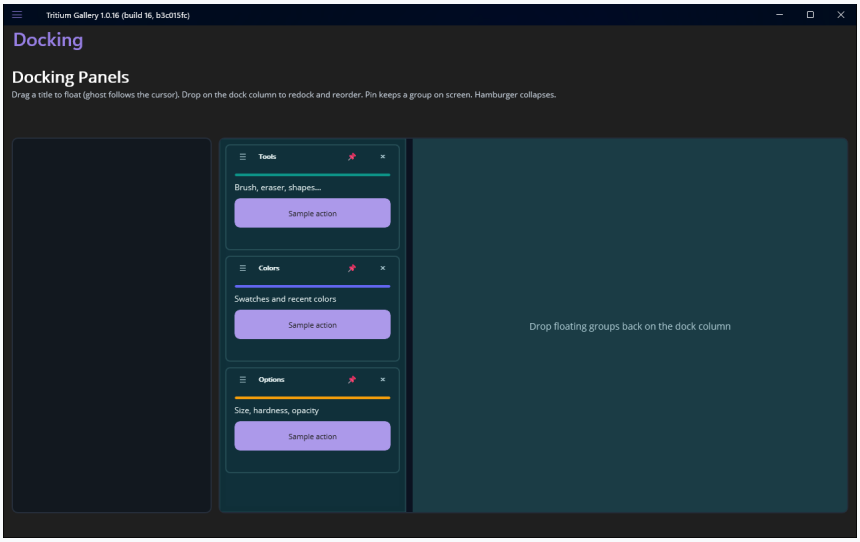
Accessibility

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