TritiumNumericEntry

Edit a decimal with optional bounds, a format, and a valid flag you can bind.

Install

TritiumNumericEntry 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 TritiumNumericEntry.

Platforms

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

Basic example

Declare this namespace on the page.

```
xmlns:editors="clr-namespace:Tritium.Maui.Editors;assembly=Tritium.Maui.Editors"
<editors:TritiumNumericEntry Value="42.5" Minimum="0" Maximum="100" NumberFormat="0.00" />
```

Features

• Bind a nullable decimal two-way.
• Reject values outside Minimum and Maximum.
• Allow an empty box when AllowNull is true.
• Format the display with a .NET numeric format string.
• Read IsValid to see whether the current text is an in-range number.
• Opt in to haptic or sound feedback on commit.

Main API

• **Value.** The number, two-way and nullable.
• **Minimum.** Lowest accepted value; Maximum is the highest.
• **NumberFormat.** .NET format string used to display the value.
• **AllowNull.** When true, an empty box stores null.

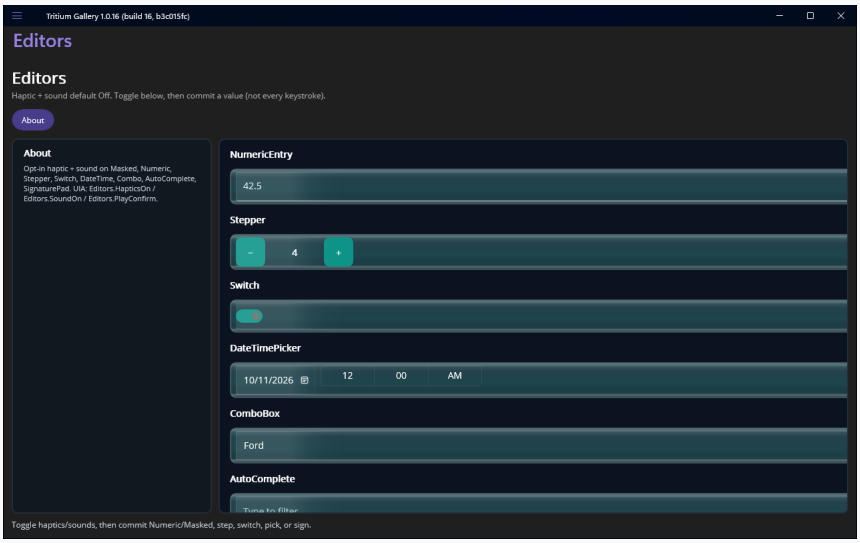
Accessibility

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