TritiumMaskedEntry

Force typed text into a mask and expose the raw value plus whether the mask is complete.

Install

TritiumMaskedEntry 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 TritiumMaskedEntry.

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:TritiumMaskedEntry Mask="(000) 000-0000" Value="5551234567" />
```

Features

• Use 0 for a digit, L for a letter, A for a letter or digit, and any other character as a literal.
• Show a prompt character in slots the user has not filled.
• Keep Value as the raw characters, separate from the formatted display.
• Set IsValid when every slot is filled.
• Opt in to haptic or sound feedback when the user leaves the field.
• DataForm applies DataFormMasked to string properties automatically.

Main API

• **Mask.** Pattern such as (000) 000-0000.
• **Value.** Raw characters entered, two-way.
• **PromptChar.** Placeholder shown in empty slots; default is underscore.
• **IsValid.** True when the mask is complete.

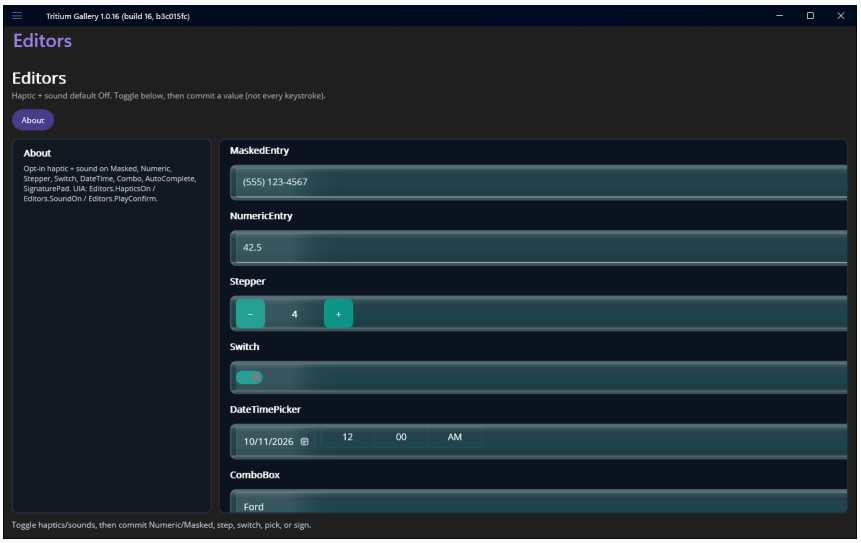
Accessibility

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