TritiumAutoComplete

Filter a list as the user types and bind both the text and the chosen item.

Install

TritiumAutoComplete 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 TritiumAutoComplete.

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:TritiumAutoComplete ItemsSource="{Binding Cities}"
                             Text="{Binding CityQuery}"
                             SelectedItem="{Binding City}"
                             FilterMode="Contains"
                             MinimumPrefixLength="1" />
```

Features

- Filter with Contains or StartsWith after a minimum number of characters.
- Bind ItemsSource to strings or objects and select a match into SelectedItem.
- Keep Text two-way so you can drive the box from code.
- Show a busy state while you replace the list from a search.
- Opt in to haptic or sound feedback when a suggestion is chosen.
- Hide the suggestion list after a selection.

Main API

- **ItemsSource.** The candidates to filter.
- **Text.** The current typed text, two-way.
- **SelectedItem.** The suggestion the user picked, two-way.

• **FilterMode.** Contains or StartsWith, after MinimumPrefixLength characters.

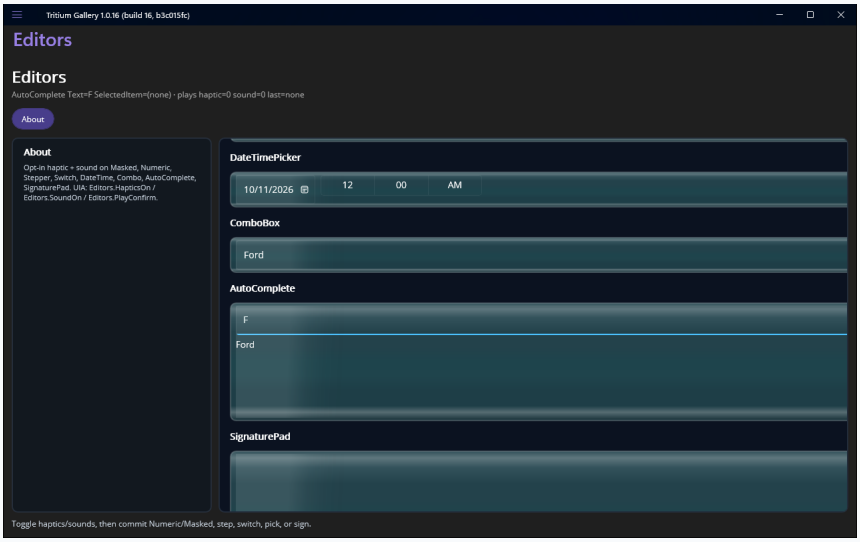
Accessibility

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