

 dotnet Cologne 2017

MahApps & Co

MahApps.Metro

MahApps.Metro.IconPacks

ControlzEx

GongSolutions.WPF.DragDrop

<http://mahapps.com>

Lots of goodness out-of-the box



MahApps Metro

The Definitive Guide

○ RLY?

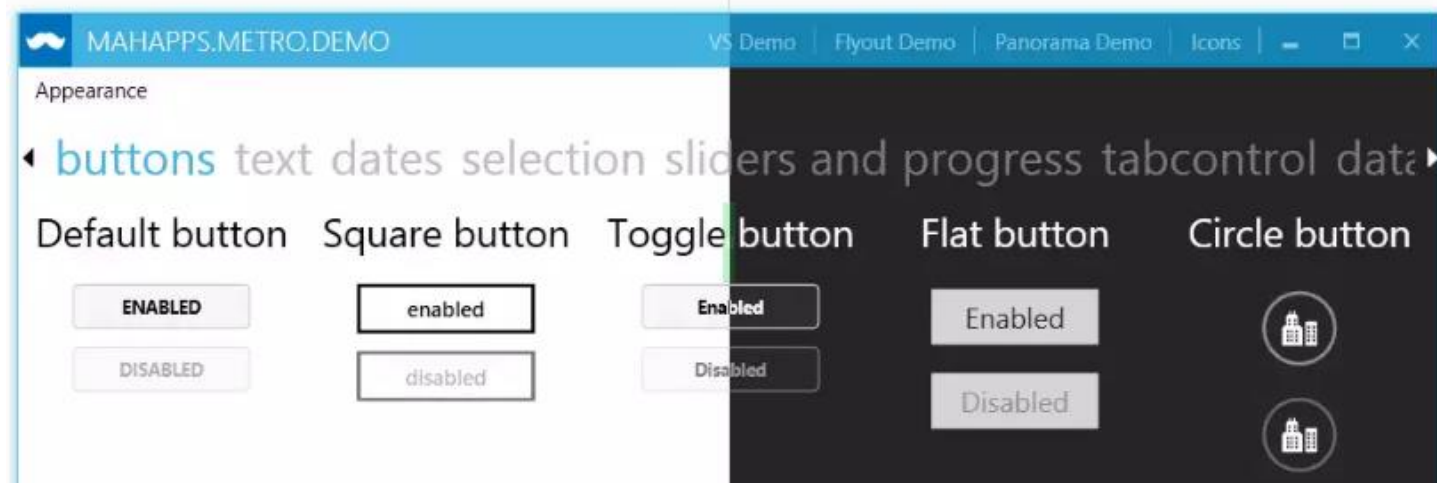
Jan, Brendan, Dennis, Alex

MahApps.Metro

■ Was ist MahApps.Metro?

- UI Toolkit / Bibliothek
- Metro- / Modern-Style für alle Standard Controls von WPF
- Farb-Akzente bzw. ein helles und dunkles Design
- 2011 von Paul Jenkins aus dem Projekt MahTweets (MyTweets) entstanden
- Microsoft bietet kein Metro-Style bzw. Moderner Look für WPF an

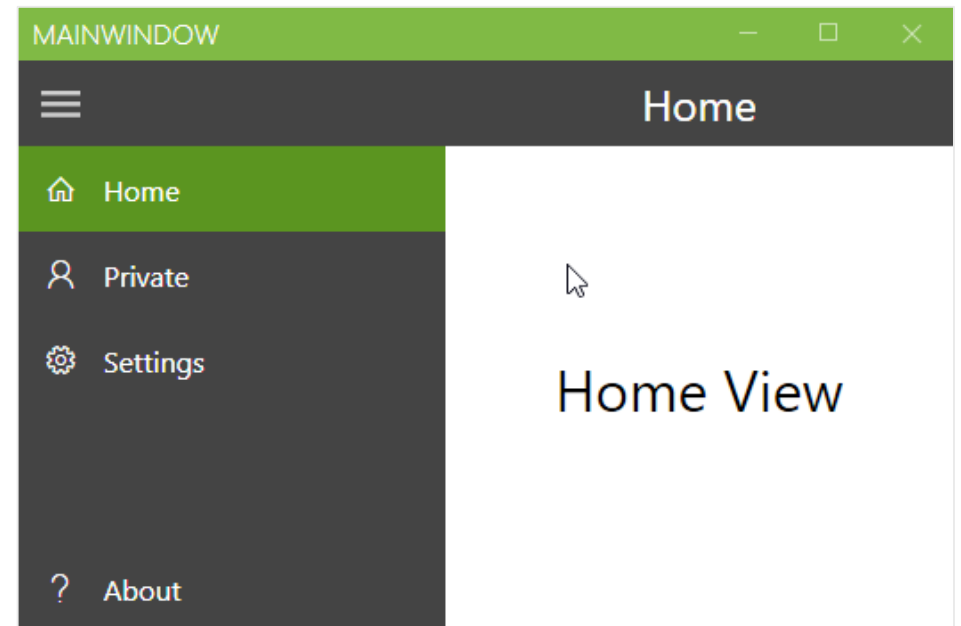
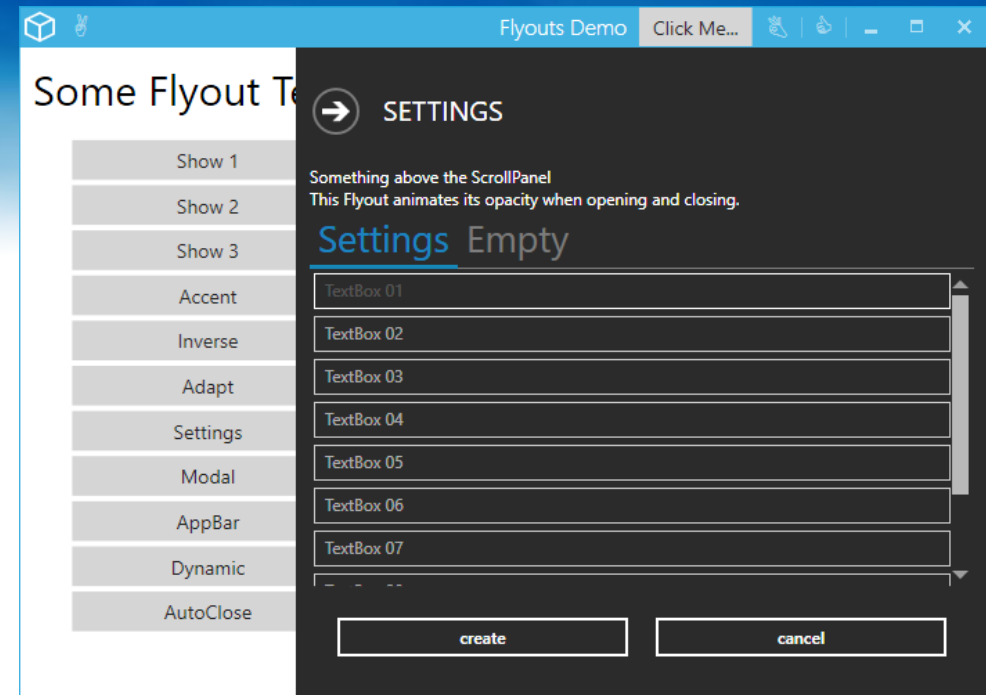
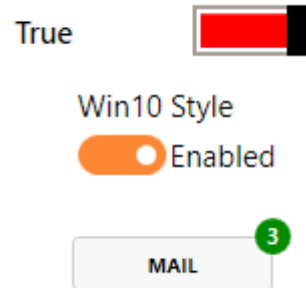
let your desktop apps shine



MahApps.Metro

■ Zusätzliche Controls

- MetroWindow
- Flyouts
- Dialogs
- ToggleSwitch
- HamburgerMenu
- Badged
- TimePicker / DateTimePicker
- TransitioningContentControl
- RangeSlider
- NumericUpDown
- SplitButton / DropDownButton
- FlipView



MahApps.Metro

- Einbinden in die eigene WPF App

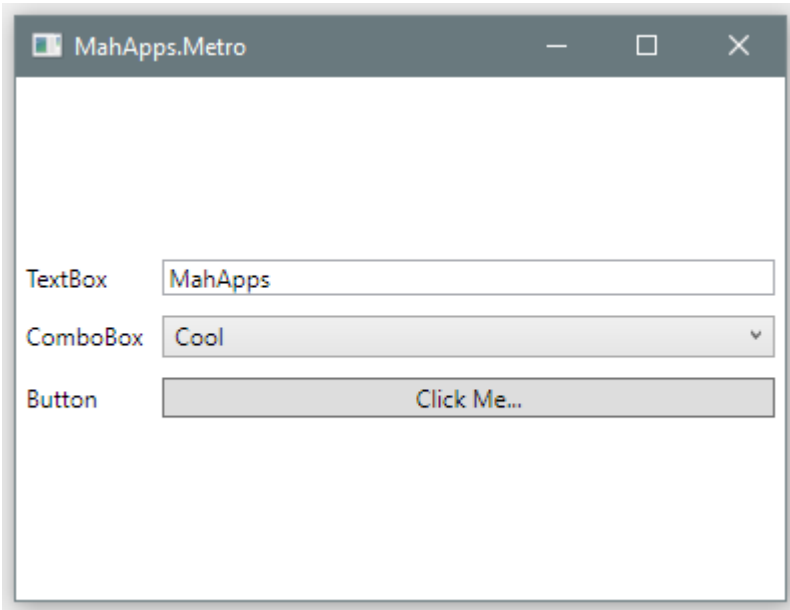
- Installation via NuGet Package-Manager /-Konsole oder Paket-Manager
- <https://www.nuget.org/packages/MahApps.Metro/>

```
PM> Install-Package MahApps.Metro
```

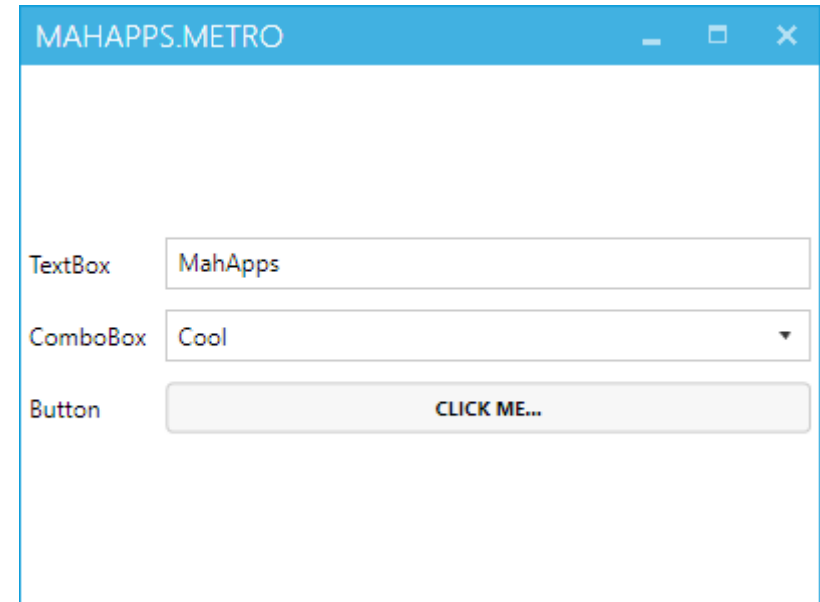
- MahApps.Metro Ressourcen in die App.xaml eintragen
- Basisklasse des Fensters ändern (MetroWindow)
- Quick-Guide auf mahapps.com

MahApps.Metro

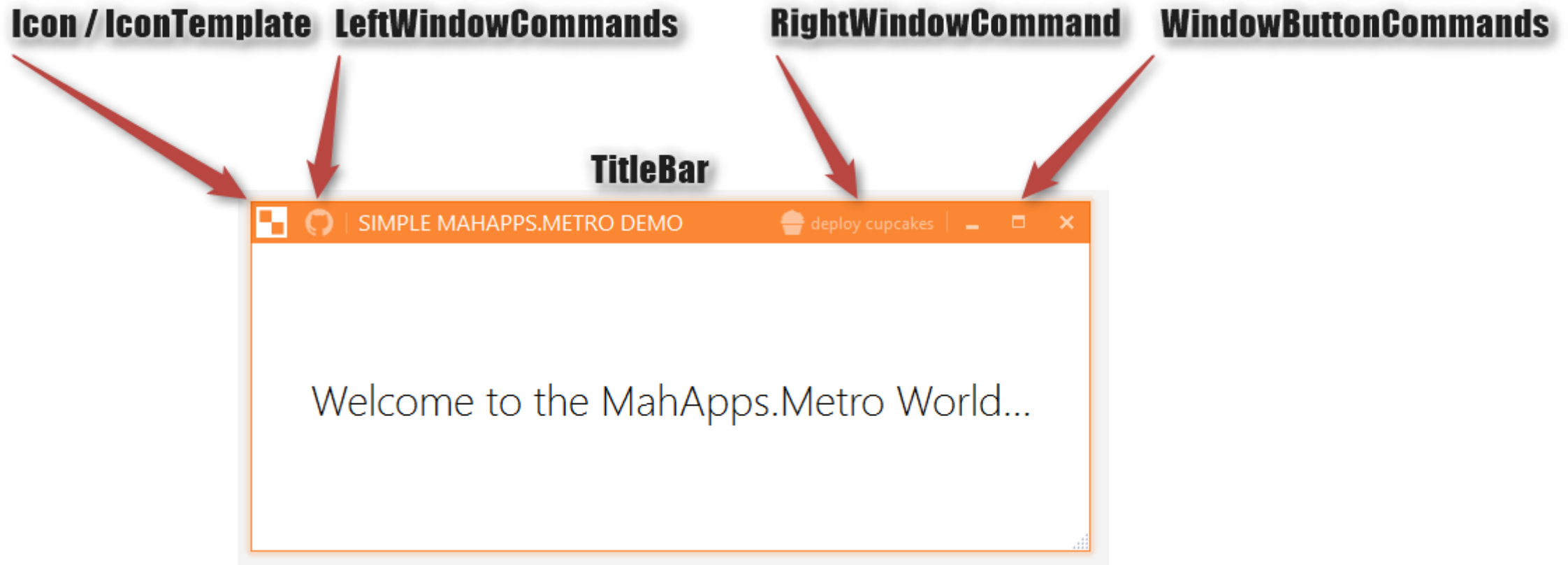
Normale WPF App



Mit MahApps.Metro



MahApps.Metro



MahApps.Metro

■ Hilfe

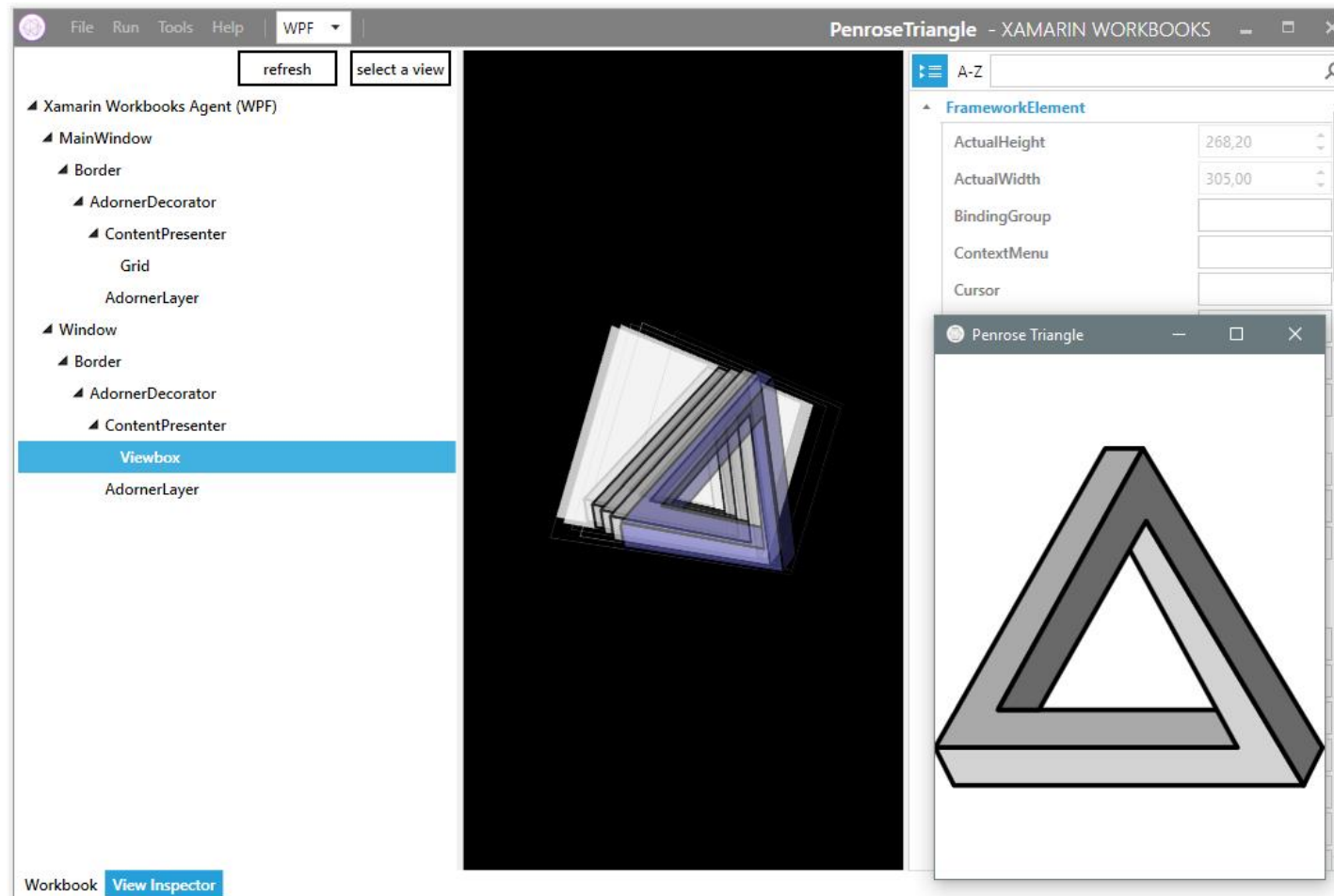
- Dokumentation auf <http://mahapps.com>
- Gitter Channel <https://gitter.im/MahApps/MahApps.Metro>
- Demo App <https://github.com/MahApps/MahApps.Metro/releases>
- code-samples <https://github.com/punker76/code-samples>

■ Sonstiges

- "Metro-Look für WPF" in der dotnetpro 7/15 von Fabian Deitelhoff
- "Creating Modern WPF Apps with MahApps.Metro" von Mark Heath
 - <http://markheath.net/post/mahapps-metro-pluralsight>
 - <https://www.pluralsight.com/courses/mahappsdotmetro-creating-modern-wpf-apps>
 - <http://markheath.net/post/mahapps-metro-getting-started>
- "XAML-Tipp: Windows-10-Design für WPF-Anwendungen" von Gregor Biswanger
 - <https://entwickler.de/online/windowsdeveloper/xaml-tipp-windows-10-wpf-579749009.html>

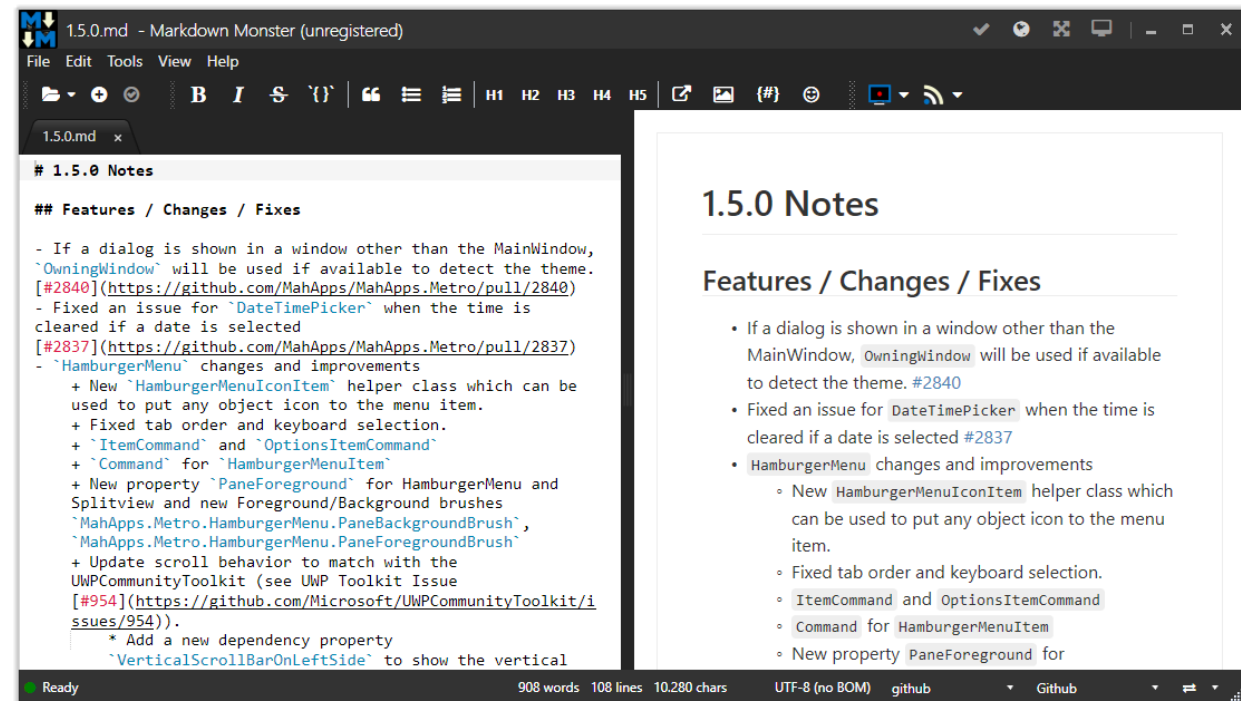
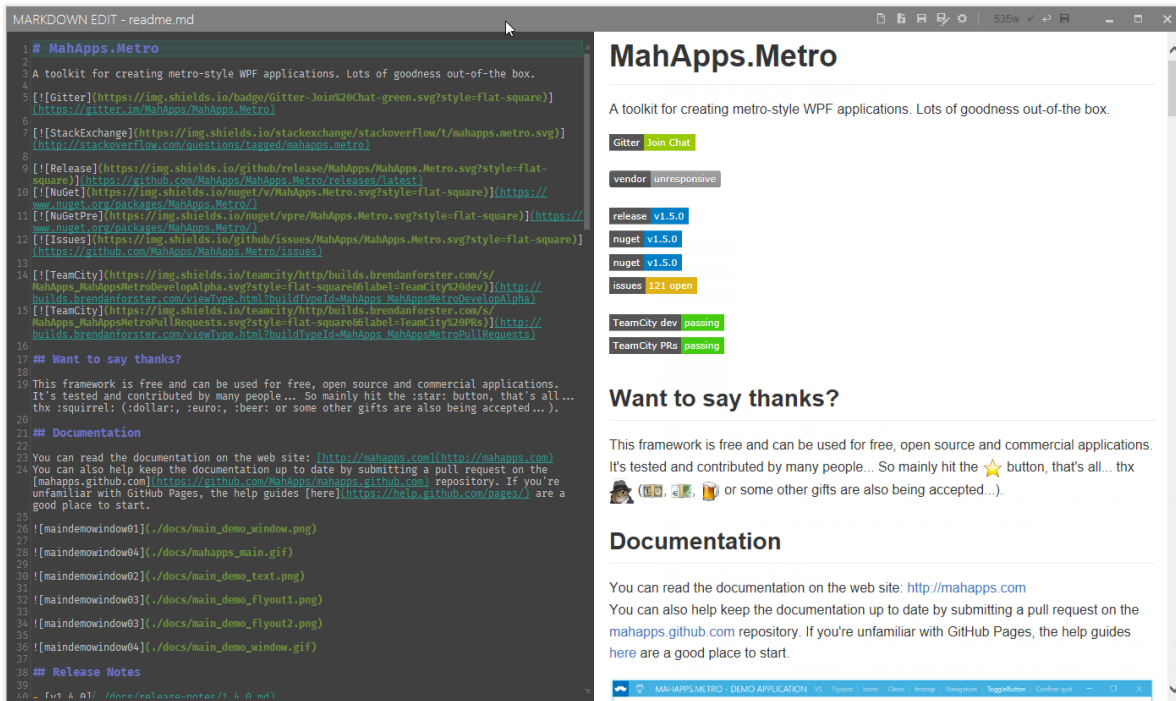
MahApps.Metro Beispiele

- Xamarin Inspector / Workbooks
 - <https://developer.xamarin.com/guides/cross-platform/inspector/>



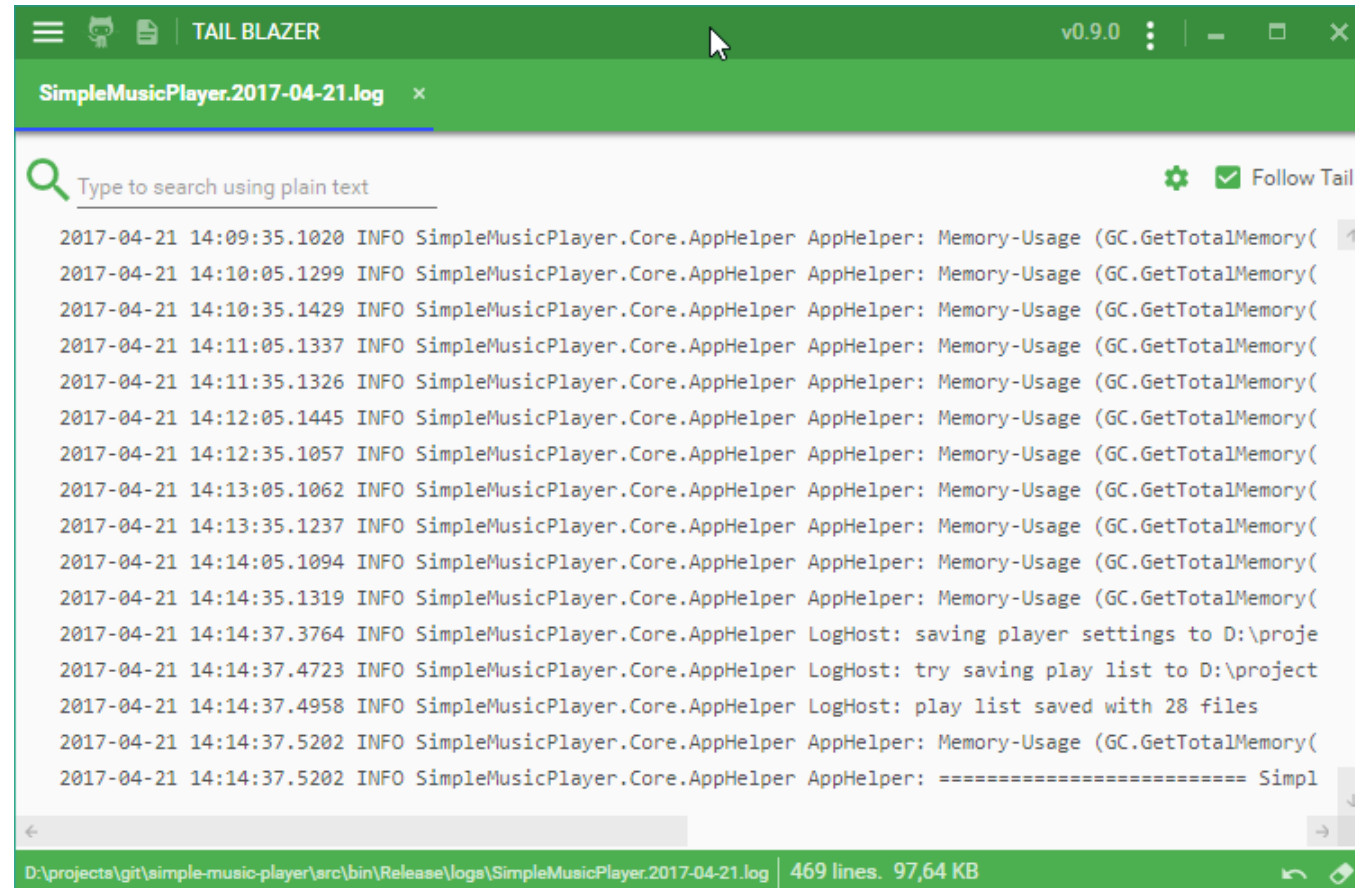
MahApps.Metro Beispiele

- Markdown Edit von Mike Ward
 - <http://markdownedit.com>
- MarkdownMonster von Rick Strahl
 - <https://markdownmonster.west-wind.com>



MahApps.Metro Beispiele

- TailBlazer von Roland Pheasant
 - <https://github.com/RolandPheasant/TailBlazer>



The screenshot shows the TailBlazer application window. The title bar is green and contains the text "TAIL BLAZER" and "v0.9.0". Below the title bar is a green tab labeled "SimpleMusicPlayer.2017-04-21.log". The main area is white and contains a search bar with a magnifying glass icon and the text "Type to search using plain text". To the right of the search bar are a gear icon and a checkbox labeled "Follow Tail" which is checked. The log content is displayed in a monospaced font, showing timestamps, log levels, and messages. The messages include "INFO SimpleMusicPlayer.Core.AppHelper AppHelper: Memory-Usage (GC.GetTotalMemory(" and "LogHost: saving player settings to D:\proje". The status bar at the bottom is green and contains the text "D:\projects\git\simple-music-player\src\bin\Release\logs\SimpleMusicPlayer.2017-04-21.log | 469 lines. 97,64 KB".

```
2017-04-21 14:09:35.1020 INFO SimpleMusicPlayer.Core.AppHelper AppHelper: Memory-Usage (GC.GetTotalMemory(
2017-04-21 14:10:05.1299 INFO SimpleMusicPlayer.Core.AppHelper AppHelper: Memory-Usage (GC.GetTotalMemory(
2017-04-21 14:10:35.1429 INFO SimpleMusicPlayer.Core.AppHelper AppHelper: Memory-Usage (GC.GetTotalMemory(
2017-04-21 14:11:05.1337 INFO SimpleMusicPlayer.Core.AppHelper AppHelper: Memory-Usage (GC.GetTotalMemory(
2017-04-21 14:11:35.1326 INFO SimpleMusicPlayer.Core.AppHelper AppHelper: Memory-Usage (GC.GetTotalMemory(
2017-04-21 14:12:05.1445 INFO SimpleMusicPlayer.Core.AppHelper AppHelper: Memory-Usage (GC.GetTotalMemory(
2017-04-21 14:12:35.1057 INFO SimpleMusicPlayer.Core.AppHelper AppHelper: Memory-Usage (GC.GetTotalMemory(
2017-04-21 14:13:05.1062 INFO SimpleMusicPlayer.Core.AppHelper AppHelper: Memory-Usage (GC.GetTotalMemory(
2017-04-21 14:13:35.1237 INFO SimpleMusicPlayer.Core.AppHelper AppHelper: Memory-Usage (GC.GetTotalMemory(
2017-04-21 14:14:05.1094 INFO SimpleMusicPlayer.Core.AppHelper AppHelper: Memory-Usage (GC.GetTotalMemory(
2017-04-21 14:14:35.1319 INFO SimpleMusicPlayer.Core.AppHelper AppHelper: Memory-Usage (GC.GetTotalMemory(
2017-04-21 14:14:37.3764 INFO SimpleMusicPlayer.Core.AppHelper LogHost: saving player settings to D:\proje
2017-04-21 14:14:37.4723 INFO SimpleMusicPlayer.Core.AppHelper LogHost: try saving play list to D:\project
2017-04-21 14:14:37.4958 INFO SimpleMusicPlayer.Core.AppHelper LogHost: play list saved with 28 files
2017-04-21 14:14:37.5202 INFO SimpleMusicPlayer.Core.AppHelper AppHelper: Memory-Usage (GC.GetTotalMemory(
2017-04-21 14:14:37.5202 INFO SimpleMusicPlayer.Core.AppHelper AppHelper: ===== Simpl
```

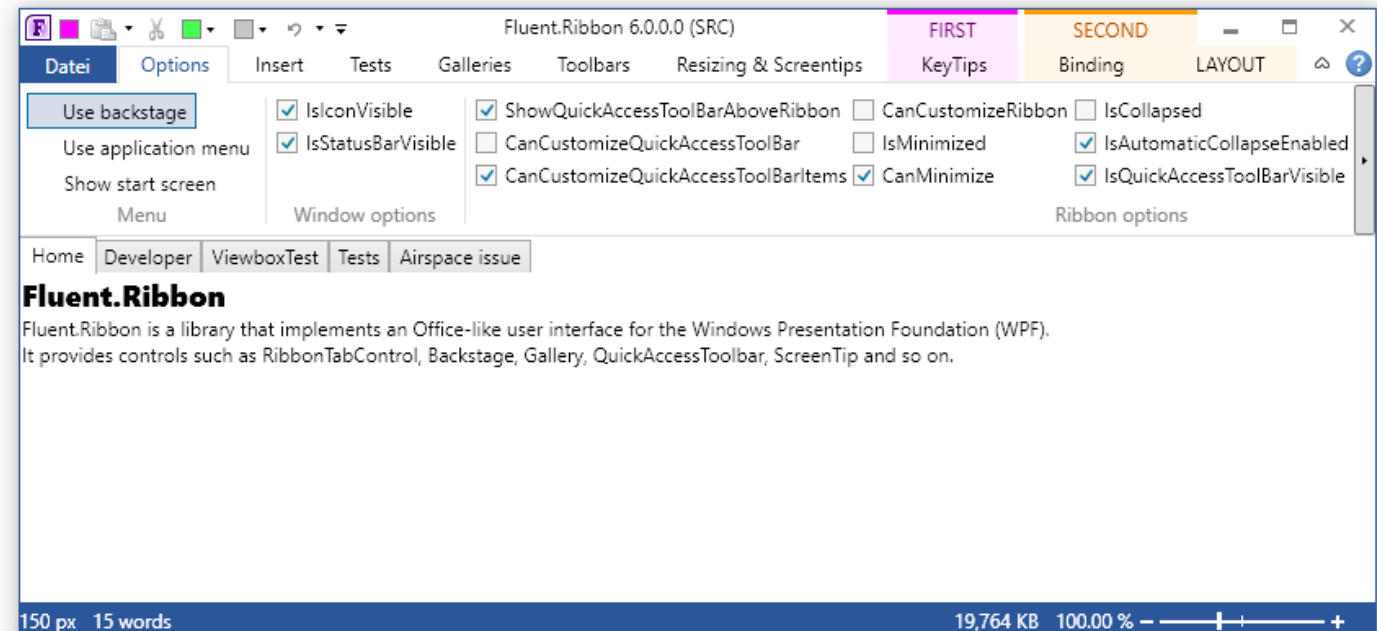
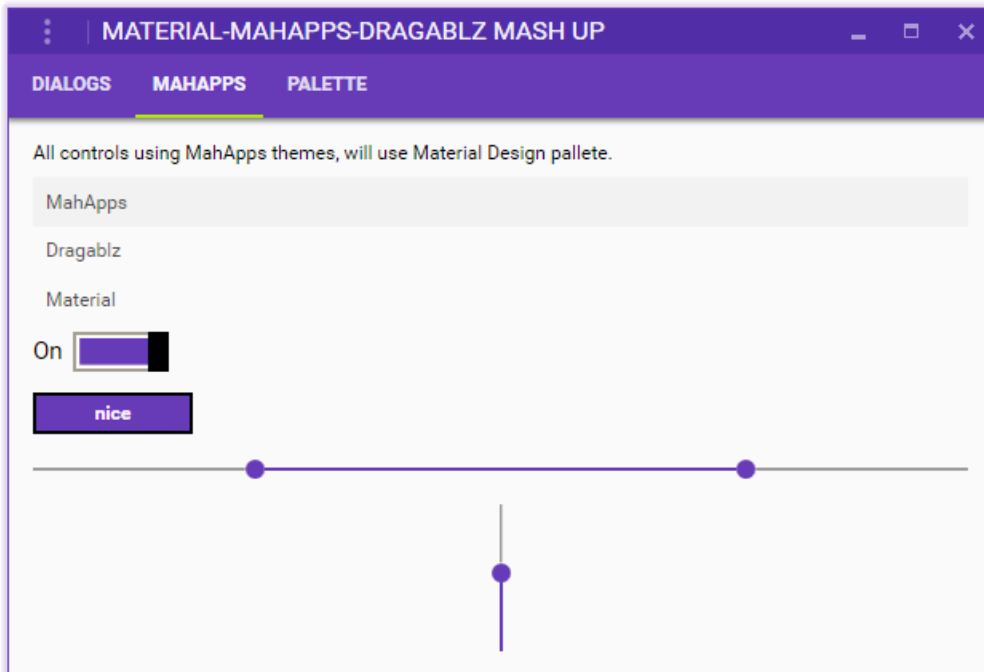
MahApps.Metro Beispiele

- Simple Music Player
 - <https://github.com/punker76/simple-music-player>
- myEcho: iOS Dictation for Windows
 - von Scott Hanselman und Greg Shackles <http://myechoapp.com>
- Solutionizer
 - von Thomas Freudenberg <https://github.com/thoemmi/Solutionizer>
- Papercut Simple Desktop SMTP Server
 - <https://github.com/ChangemakerStudios/Papercut>
- ChocolateyGUI
 - A delicious GUI for chocolatey <https://github.com/chocolatey/ChocolateyGUI>
- Codetrack
 - A versatile profiler with some extra tricks up its sleeve. <http://www.getcodetrack.com>
- Popcorn
 - An application which aims to provide a simple interface to watch any movie.
<https://github.com/bbougot/Popcorn>

& Co

■ ControlzEx

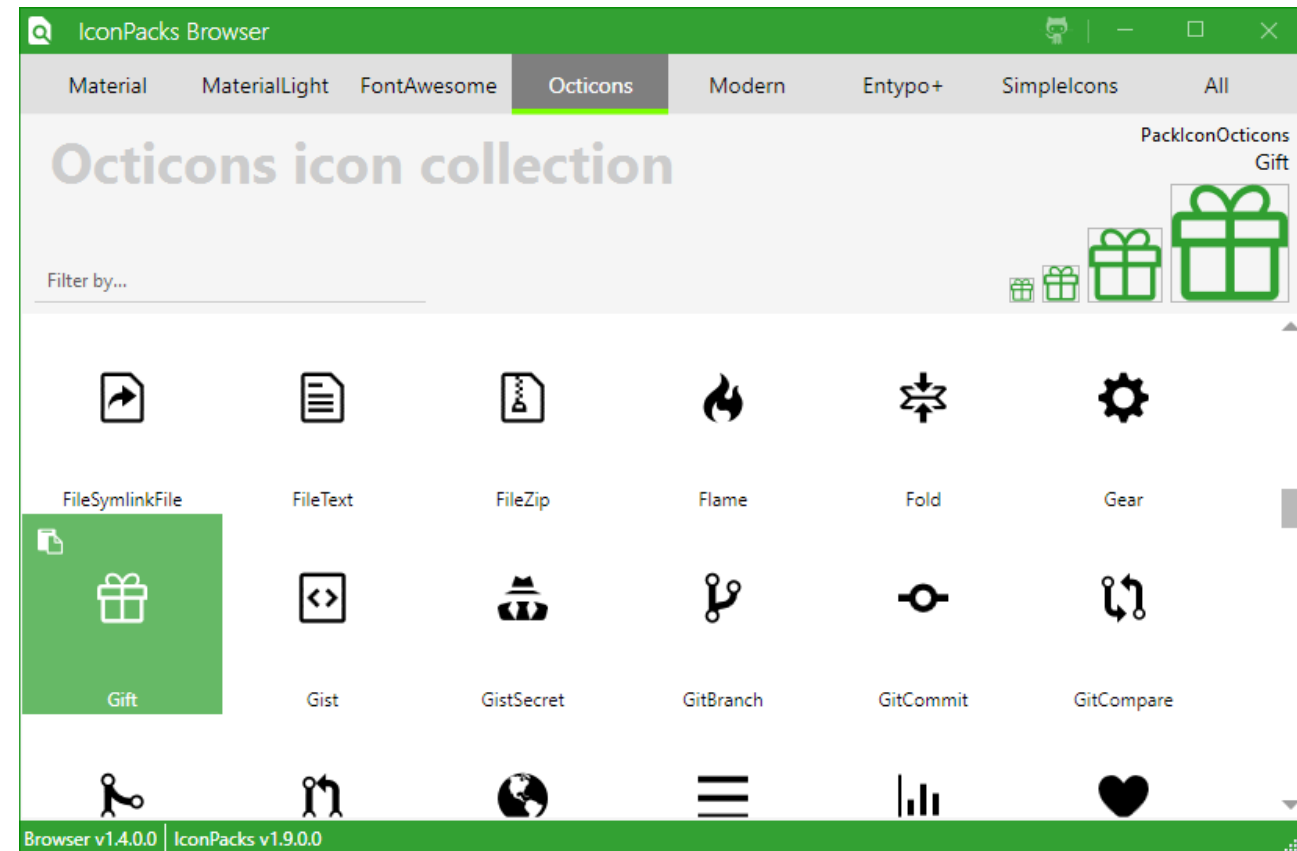
- Entstanden aus MahApps, MaterialDesignInXamlToolkit und Fluent.Ribbon
 - <https://github.com/ControlzEx/ControlzEx>
 - <https://github.com/ButchersBoy/MaterialDesignInXamlToolkit> von James Willock @ButchersBoy
 - <https://github.com/fluentribbon/Fluent.Ribbon> von Bastian Schmidt @batzen



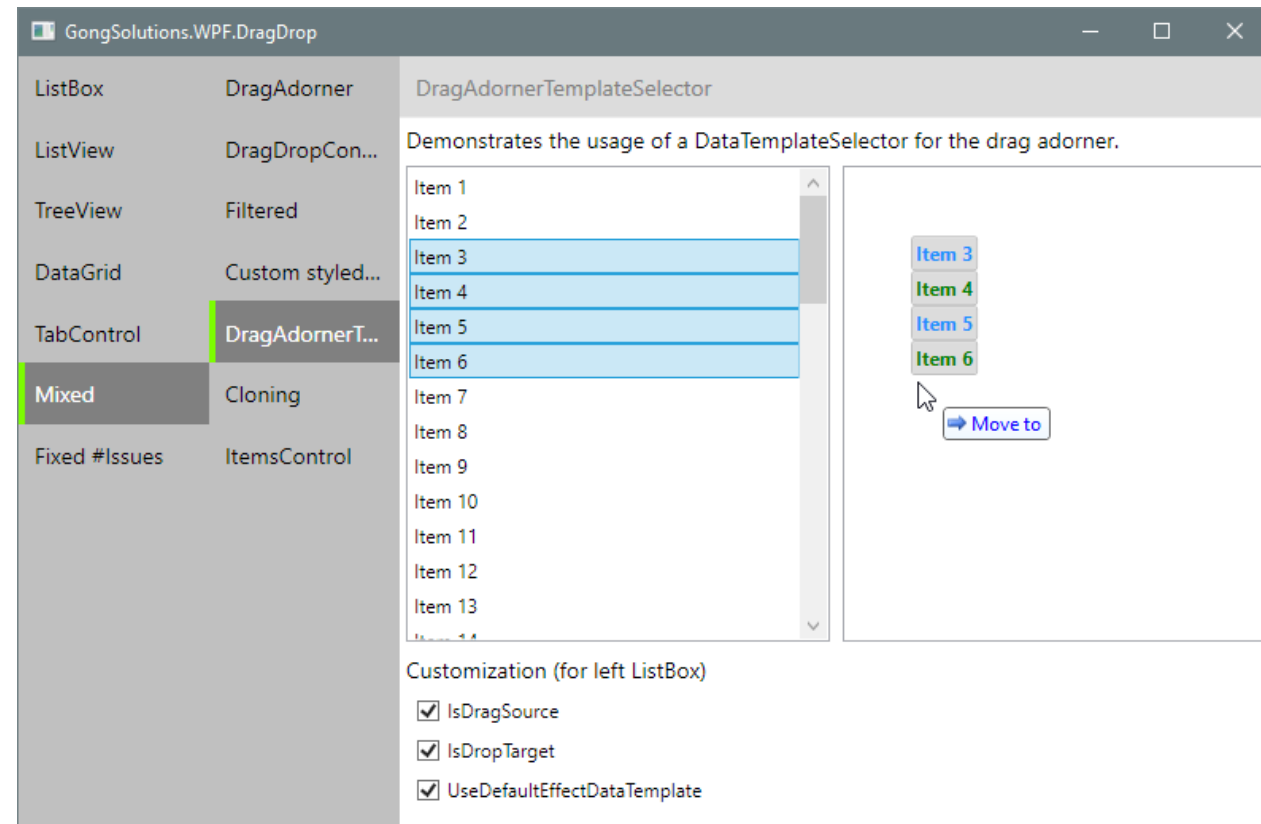
& Co

■ MahApps.Metro.IconPacks

- Icon Sammlung für WPF und UWP
 - <https://github.com/MahApps/MahApps.Metro.IconPacks>
 - Material Design, Material Design Light
 - Font Awesome
 - GitHub Octicons
 - Modern
 - Entypo+
 - Simple Icons
- Auch ohne MahApps nutzbar



- GongSolutions.WPF.DragDrop
 - <https://github.com/punker76/gong-wpf-dragdrop>
 - Drag&Drop Toolkit für WPF
 - MVVM Support
 - ListBox, ListView, TreeView, DataGrid



Alles klar?



■ Kontakt

- Jan Karger
- <http://jkarger.de>
- Twitter: @punker76
- GitHub: <https://github.com/punker76>
- Mail: punkerat76@gmail.com