Conductor<Iscreen>

Pouzito v Admin/ Spravovadlo

SplitRegionAdministrationView obsahuje vice zalozek. View je jednoduche nejsou tu zadne permissions blbosti

<TabControl Name="Items">

<TabControl.ItemTemplate>

<DataTemplate>

<StackPanel Orientation="Horizontal">

<Image

Width="{Binding ImageWidth}"

Margin="0,0,2,0"

VerticalAlignment="Center"

Source="{Binding IconImageSource}" />

<TextBlock

VerticalAlignment="Center"

Foreground="{Binding TabSheetForeGroundColor}"

Text="{Binding DisplayName}" />

</StackPanel>

</DataTemplate>

</TabControl.ItemTemplate>

</TabControl>

ViewModel je podedeny od Conductor<Iscreen>

public class SplitRegionAdministrationViewModel : Conductor<IScreen>.Collection.OneActive, IHasIcon, IHaveMembershipPermission

{

public SplitRegionAdministrationViewModel(IEnumerable<IScreen> tabPages)

{

base.DisplayName = Localisation.SplitAndRegions;

Items.AddRange(tabPages); **// Items je kolekce na Conductoru a proto view vi jake zalozky ma nastavit**

ActiveItem = Items[0];

}

private ImageSource m\_iconImageSource;

public ImageSource IconImageSource

{

get { return m\_iconImageSource; }

set

{

m\_iconImageSource = value;

NotifyOfPropertyChange(() => IconImageSource);

}

}

private string m\_iconImageSourcePath;

public string IconImageSourcePath

{

get { return m\_iconImageSourcePath; }

set

{

m\_iconImageSourcePath = value;

BitmapImage bitmapImage = new BitmapImage(new Uri(m\_iconImageSourcePath));

bitmapImage.Freeze();

IconImageSource = bitmapImage;

}

}

private double? m\_imageWidth;

public double? ImageWidth

{

get { return m\_imageWidth; }

set

{

m\_imageWidth = value;

NotifyOfPropertyChange(() => ImageWidth);

}

}

public SecurableIdPermissionIdWrapper SecurablePermission { get; set; }

}

Figl je v tom, ze to podivne pole **tabPages** v konstruktru mi resolvne Castle protoze mu v registraci reknu ktere viewModely v nem maji byt.

public static void RegisterDialAdministration(IWindsorContainer container)

{

container.Register(

Component.For<DialAdministrationViewModel>().Named("dialAdministrationViewModel")

.DependsOn(

Property.ForKey("IconImageSourcePath").Eq("pack://application:,,,/MIR.Media.Admin;component/Icons/SplitDefinition.ico"),

Property.ForKey("ImageWidth").Eq(m\_properties.CommonIconImageWidth),

Property.ForKey("tabPages").Eq(new IScreen[]

{

container.Resolve<MediaTypeAdministrationViewModel>(),

container.Resolve<AdvertisementTypeAdministrationViewModel>()

}),

Property.ForKey("SecurablePermission").Eq(new SecurableIdPermissionIdWrapper(SecurableValues.SplitRegionAdministration, PermissionValues.Visible))

));

}

Predtim uz musi byt v installeru registrovane MediaType a AdvertisementTypeViewModely a jejich registrace musi probehnout ve spravnem poradi .

public static void RegisterAdvertisementTypeAdministrationTabSheet(IWindsorContainer container)

{

container.Register(

Component.For<AdvertisementTypeAdministrationViewModel>().ImplementedBy<AdvertisementTypeAdministrationViewModel>().Named("advertisementTypeAdministrationViewModel")

.DependsOn(

Property.ForKey("IconImageSourcePath").Eq("pack://application:,,,/MIR.Media.Admin;component/Icons/MediaType.ico"),

Property.ForKey("ImageWidth").Eq(m\_properties.CommonIconImageWidth),

Property.ForKey("SecurablePermission").Eq(new SecurableIdPermissionIdWrapper(SecurableValues.MediaTypeAdministration, PermissionValues.Visible))

).LifestyleSingleton());

}

Konstruktor ScreenInstalleru:

RegisterMediaTypeAdministrationTabSheetClass(container);

RegisterAdvertisementTypeAdministrationTabSheet(container);

RegisterDialAdministration(container);

**Vsechno co chceme resolvovat je definovano v castlu vcetne zalozek ktere ma v sobe trida ktere dedi od Conductoru. Tim, ze trida ve ktere jsou zalozky implementuje IHavePermission musi mit propertu** public SecurableIdPermissionIdWrapper SecurablePermission { get; set; } **Kolekce Items se resolvne castlem a vlozi do view ktereho je datacontext conductor a kde TabControl se jmenuje Items.**

**Tridy zalozek jsou** Manageable **nevim presne jak, ale button nema zadny command a presto se dostane do obsluzne metody . Button ktery se jmenuje Cancel se dostane do metody** public void Cancel()

AdvertisementTypeViewModel:

using System;

using System.Collections.Generic;

using System.Reflection;

using System.Threading;

using System.Windows.Media;

using log4net;

using Mediaresearch.Framework.DataAccess.BLToolkit.DaoFactory;

using MIR.Entities.MediaData.Dao.Media;

using MIR.Entities.MediaData.Media;

using MIR.Media.Admin.Configuration;

using MIR.Media.Admin.Resources;

using MIR.Media.Framework.Information;

namespace MIR.Media.Admin.Screens.AdvertisementTypeAdministration

{

public class AdvertisementTypeAdministrationViewModel : ScreenWithIcon, IManageable

{

private static readonly ILog m\_log = LogManager.GetLogger(MethodBase.GetCurrentMethod().DeclaringType);

private readonly AdvertisementTypeDao m\_advertisementTypeDao;

private readonly IInformationService m\_informationService;

private List<AdvertisementType> m\_advertisementTypes;

private bool m\_isWorking;

public AdvertisementTypeAdministrationViewModel(EntityDaoFactory entityDaoFactory, IInformationService informationService)

{

DisplayName = Localisation.AdvertisementTypeAdministration;

m\_informationService = informationService;

m\_advertisementTypeDao = (AdvertisementTypeDao) entityDaoFactory.CreateDaoByEntityType<AdvertisementType, byte>(Container.Container.Current.Resolve<ConnectionStringsHolder>().DefaultDbAlias);

TabSheetForeGroundColor = Brushes.Black;

}

public bool IsWorking

{

get => m\_isWorking;

set

{

m\_isWorking = value;

NotifyOfPropertyChange(() => IsWorking);

}

}

public List<AdvertisementType> AdvertisementTypes

{

get => m\_advertisementTypes;

set

{

m\_advertisementTypes = value;

NotifyOfPropertyChange(() => AdvertisementTypes);

}

}

public Brush TabSheetForeGroundColor { get; set; }

public void Initialize(object param)

{

IsWorking = true;

m\_informationService.InvokeInformationOccured(this, Localisation.LoadingData, InformationSeverity.Info, 20);

AdvertisementTypes = m\_advertisementTypeDao.SelectAll();

m\_informationService.InvokeInformationOccured(this, new Information());

IsWorking = false;

}

protected override void OnInitialize()

{

ThreadPool.QueueUserWorkItem(Initialize);

}

public void SaveChanges()

{

ThreadPool.QueueUserWorkItem(SaveChanges);

}

private void SaveChanges(object obj)

{

IsWorking = true;

try

{

m\_informationService.InvokeInformationOccured(this, Localisation.SavingChanges, InformationSeverity.Info);

m\_advertisementTypeDao.Update(AdvertisementTypes);

m\_informationService.InvokeInformationOccured(this, Localisation.ChangesSaved, InformationSeverity.Success);

}

catch (Exception ex)

{

if (m\_log.IsErrorEnabled)

{

m\_log.Error("Unable to save changes!", ex);

}

m\_informationService.InvokeInformationOccured(this, Localisation.SaveChangesFailed, ex);

}

IsWorking = false;

}

public void Cancel()

{

OnInitialize();

}

}

}

A k nemu view:

<UserControl

x:Class="MIR.Media.Admin.Screens.AdvertisementTypeAdministration.AdvertisementTypeAdministrationView"

xmlns="http://schemas.microsoft.com/winfx/2006/xaml/presentation"

xmlns:x="http://schemas.microsoft.com/winfx/2006/xaml"

xmlns:Membership="clr-namespace:MIR.Media.Admin.Membership"

xmlns:Resources="clr-namespace:MIR.Media.Admin.Resources"

xmlns:converters="clr-namespace:MIR.Media.Framework.Converters;assembly=MIR.Media.Framework"

xmlns:d="http://schemas.microsoft.com/expression/blend/2008"

xmlns:local="clr-namespace:MIR.Media.Admin.Screens.AdvertisementTypeAdministration"

xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"

xmlns:membershipPermissions="clr-namespace:MIR.Media.Framework.MembershipPermissions;assembly=MIR.Media.Framework"

xmlns:telerik="http://schemas.telerik.com/2008/xaml/presentation"

d:DesignHeight="300"

d:DesignWidth="300"

mc:Ignorable="d">

<UserControl.Resources>

<ResourceDictionary>

<converters:InvertBoolConverter x:Key="invertBoolConverter" />

<Style x:Key="rightAlignStyle" TargetType="{x:Type telerik:GridViewCell}">

<Setter Property="HorizontalContentAlignment" Value="Right" />

<Setter Property="Padding" Value="5,0" />

<Setter Property="VerticalAlignment" Value="Center" />

</Style>

<ResourceDictionary.MergedDictionaries>

<ResourceDictionary Source="../../Resources/Styles/TelerikGridStyle.xaml" />

</ResourceDictionary.MergedDictionaries>

</ResourceDictionary>

</UserControl.Resources>

<Grid membershipPermissions:Permission.DisabledVisibility="Collapsed" membershipPermissions:Permission.NeededPermission="{membershipPermissions:Permission SecurableName={x:Static Membership:SecurableValues.MediaTypeAdministration}, PermissionName={x:Static Membership:PermissionValues.Visible}}">

<Grid.RowDefinitions>

<RowDefinition Height="\*" />

<RowDefinition Height="Auto" />

</Grid.RowDefinitions>

<telerik:RadGridView

membershipPermissions:Permission.DisabledVisibility="Visible"

membershipPermissions:Permission.NeededPermission="{membershipPermissions:Permission SecurableName={x:Static Membership:SecurableValues.MediaTypeAdministration},

PermissionName={x:Static Membership:PermissionValues.Manage}}"

AutoGenerateColumns="False"

IsEnabled="{Binding IsWorking, Converter={StaticResource invertBoolConverter}}"

IsReadOnly="{Binding ReadOnlyDataGrid}"

ItemsSource="{Binding AdvertisementTypes}">

<telerik:RadGridView.Columns>

<telerik:GridViewDataColumn

DataMemberBinding="{Binding Id}"

Header="{x:Static Resources:Localisation.Id}"

IsReadOnly="True" />

<telerik:GridViewDataColumn

DataMemberBinding="{Binding Name}"

Header="{x:Static Resources:Localisation.Name}"

IsReadOnly="True" />

<telerik:GridViewDataColumn

DataMemberBinding="{Binding OriginalId}"

Header="{x:Static Resources:Localisation.OriginalId}"

IsReadOnly="True" />

<telerik:GridViewDataColumn

DataMemberBinding="{Binding FootageThreshold}"

Header="{x:Static Resources:Localisation.FootageThreshold}"

IsReadOnly="False" />

</telerik:RadGridView.Columns>

</telerik:RadGridView>

<Grid Grid.Row="1" Margin="15">

<Grid.ColumnDefinitions>

<ColumnDefinition Width="\*" />

<ColumnDefinition Width="\*" />

</Grid.ColumnDefinitions>

<Button

Name="SaveChanges"

Width="150"

HorizontalAlignment="Center"

membershipPermissions:Permission.DisabledVisibility="Visible"

membershipPermissions:Permission.NeededPermission="{membershipPermissions:Permission SecurableName={x:Static Membership:SecurableValues.MediaTypeAdministration},

PermissionName={x:Static Membership:PermissionValues.Manage}}"

FontSize="15"

FontWeight="Bold"

Foreground="DarkGreen">

<WrapPanel>

<Image Width="20" Source="./../../Icons/Save.ico" />

<TextBlock

Margin="5,3"

Foreground="DarkGreen"

Text="{x:Static Resources:Localisation.SaveChanges}" />

</WrapPanel>

</Button>

<Button

Name="Cancel"

Grid.Column="1"

Width="150"

HorizontalAlignment="Center"

membershipPermissions:Permission.DisabledVisibility="Visible"

membershipPermissions:Permission.NeededPermission="{membershipPermissions:Permission SecurableName={x:Static Membership:SecurableValues.MediaTypeAdministration},

PermissionName={x:Static Membership:PermissionValues.Manage}}"

FontSize="15"

FontWeight="Bold"

IsCancel="True">

<WrapPanel>

<Image Width="20" Source="./../../Icons/Cancel.ico" />

<TextBlock

Margin="5,3"

Foreground="DarkRed"

Text="{x:Static Resources:Localisation.Cancel}" />

</WrapPanel>

</Button>

</Grid>

</Grid>

</UserControl>

# Prekliknuti zalozek – Conductor

Pri prekliknuti zalozek napr z neceho na MediumAdministrationViewModel se dostaneme do override metody **OnActivate(),** kde se urcuje, co se ma stat po aktivaci zalozky.



Metoda je virtual na tride Conductor.