# Built-In commands

Muzeme pouzit tzv. Built-In Commandy. To jsou preddefinovane commandy. WPF obsahuje vlastni commandBindingy, ktere se nemusi definovat

**XAML:**

<Window.CommandBindings>

<CommandBinding Command="ApplicationCommands.Open" CanExecute="Open\_CanExecute" Executed="Open\_Executed" />

<CommandBinding Command="MediaCommands.Play" CanExecute="Play\_CanExecute" Executed="Play\_Executed" />

<CommandBinding Command="MediaCommands.Pause" CanExecute="Pause\_CanExecute" Executed="Pause\_Executed" />

<CommandBinding Command="MediaCommands.Stop" CanExecute="Stop\_CanExecute" Executed="Stop\_Executed" />

<CommandBinding Command="MediaCommands.FastForward" CanExecute="Forward\_CanExecute" Executed="Forward\_Executed" />

<CommandBinding Command="MediaCommands.NextTrack" CanExecute="Forward\_CanExecute" Executed="Open\_Executed" />

<CommandBinding Command="MediaCommands.Rewind" CanExecute="Forward\_CanExecute" Executed="Rewind\_Executed" />

</Window.CommandBindings>

<Button

Name="PlayButton"

Height="30"

Width="100"

HorizontalAlignment="Left"

Margin="10"

Content="Play"

**Command="MediaCommands.Play"** />

**CodeBehind:**

private void Play\_Executed(object sender, ExecutedRoutedEventArgs e)

{

MePlayer.Play();

m\_mediaPlayerIsPlaying = true;

}

private void Pause\_CanExecute(object sender, CanExecuteRoutedEventArgs e)

{

e.CanExecute = m\_mediaPlayerIsPlaying;

}

**Jiny priklad z knihy AdamNathan WPF 4.5 unleashed:**

<Button

Command = "Cut" CommandTarget=" {Binding ElementName = textBox}"

Content="{Binding RelativeSource={RelativeSource Self}, Path=Command.Text}"/>

**Zajimave na tom je, ze v tomto pripade lze pouzivat klavesove zkratky bez jakehokoli kodu tady : CTRL + X na zavolani commandu.**

**Taky muzeme priradit vlastní klavesovou zkratku:**

<Window.InputBindings>

<KeyBinding Command="MediaCommands.Play" Key="P" Modifiers="Control"/>

</Window.InputBindings>

ApplicationCommands.CancelPrint

ApplicationCommands.Close

ApplicationCommands.ContextMenu

ApplicationCommands.Copy

ApplicationCommands.CorrectionList

ApplicationCommands.Cut

ApplicationCommands.Delete

ApplicationCommands.Find

ApplicationCommands.Help

ApplicationCommands.New

ApplicationCommands.NotACommand

ApplicationCommands.Open

ApplicationCommands.Paste

ApplicationCommands.Print

ApplicationCommands.PrintPreview

ApplicationCommands.Properties

ApplicationCommands.Redo

ApplicationCommands.Replace

ApplicationCommands.Save

ApplicationCommands.SaveAs

ApplicationCommands.SelectAll

ApplicationCommands.Stop

ApplicationCommands.Undo

ComponentCommands.ExtendSelectionDown

ComponentCommands.ExtendSelectionLeft

ComponentCommands.ExtendSelectionRight

ComponentCommands.ExtendSelectionUp

ComponentCommands.MoveDown

ComponentCommands.MoveFocusBack

ComponentCommands.MoveFocusDown

ComponentCommands.MoveFocusForward

ComponentCommands.MoveFocusPageDown

ComponentCommands.MoveFocusPageUp

ComponentCommands.MoveFocusUp

ComponentCommands.MoveLeft

ComponentCommands.MoveRight

ComponentCommands.MoveToEnd

ComponentCommands.MoveToHome

ComponentCommands.MoveToPageDown

ComponentCommands.MoveToPageUp

ComponentCommands.MoveUp

ComponentCommands.ScrollByLine

ComponentCommands.ScrollPageDown

ComponentCommands.ScrollPageLeft

ComponentCommands.ScrollPageRight

ComponentCommands.ScrollPageUp

ComponentCommands.SelectToEnd

ComponentCommands.SelectToHome

ComponentCommands.SelectToPageDown

ComponentCommands.SelectToPageUp

DocumentViewer.FitToHeightCommand

DocumentViewer.FitToMaxPagesAcrossCommand

DocumentViewer.FitToWidthCommand

DocumentViewer.ViewThumbnailsCommand

EditingCommands.AlignCenter

EditingCommands.AlignJustify

EditingCommands.AlignLeft

EditingCommands.AlignRight

EditingCommands.Backspace

EditingCommands.CorrectSpellingError

EditingCommands.DecreaseFontSize

EditingCommands.DecreaseIndentation

EditingCommands.Delete

EditingCommands.DeleteNextWord

EditingCommands.DeletePreviousWord

EditingCommands.EnterLineBreak

EditingCommands.EnterParagraphBreak

EditingCommands.IgnoreSpellingError

EditingCommands.IncreaseFontSize

EditingCommands.IncreaseIndentation

EditingCommands.MoveDownByLine

EditingCommands.MoveDownByPage

EditingCommands.MoveDownByParagraph

EditingCommands.MoveLeftByCharacter

EditingCommands.MoveLeftByWord

EditingCommands.MoveRightByCharacter

EditingCommands.MoveRightByWord

EditingCommands.MoveToDocumentEnd

EditingCommands.MoveToDocumentStart

EditingCommands.MoveToLineEnd

EditingCommands.MoveToLineStart

EditingCommands.MoveUpByLine

EditingCommands.MoveUpByPage

EditingCommands.MoveUpByParagraph

EditingCommands.SelectDownByLine

EditingCommands.SelectDownByPage

EditingCommands.SelectDownByParagraph

EditingCommands.SelectLeftByCharacter

EditingCommands.SelectLeftByWord

EditingCommands.SelectRightByCharacter

EditingCommands.SelectRightByWord

EditingCommands.SelectToDocumentEnd

EditingCommands.SelectToDocumentStart

EditingCommands.SelectToLineEnd

EditingCommands.SelectToLineStart

EditingCommands.SelectUpByLine

EditingCommands.SelectUpByPage

EditingCommands.SelectUpByParagraph

EditingCommands.TabBackward

EditingCommands.TabForward

EditingCommands.ToggleBold

EditingCommands.ToggleBullets

EditingCommands.ToggleInsert

EditingCommands.ToggleItalic

EditingCommands.ToggleNumbering

EditingCommands.ToggleSubscript

EditingCommands.ToggleSuperscript

EditingCommands.ToggleUnderline

MediaCommands.BoostBass

MediaCommands.ChannelDown

MediaCommands.ChannelUp

MediaCommands.DecreaseBass

MediaCommands.DecreaseMicrophoneVolume

MediaCommands.DecreaseTreble

MediaCommands.DecreaseVolume

MediaCommands.FastForward

MediaCommands.IncreaseBass

MediaCommands.IncreaseMicrophoneVolume

MediaCommands.IncreaseTreble

MediaCommands.IncreaseVolume

MediaCommands.MuteMicrophoneVolume

MediaCommands.MuteVolume

MediaCommands.NextTrack

MediaCommands.Pause

MediaCommands.Play

MediaCommands.PreviousTrack

MediaCommands.Record

MediaCommands.Rewind

MediaCommands.Select

MediaCommands.Stop

MediaCommands.ToggleMicrophoneOnOff

MediaCommands.TogglePlayPause

NavigationCommands.BrowseBack

NavigationCommands.BrowseForward

NavigationCommands.BrowseHome

NavigationCommands.BrowseStop

NavigationCommands.DecreaseZoom

NavigationCommands.Favorites

NavigationCommands.FirstPage

NavigationCommands.GoToPage

NavigationCommands.IncreaseZoom

NavigationCommands.LastPage

NavigationCommands.NavigateJournal

NavigationCommands.NextPage

NavigationCommands.PreviousPage

NavigationCommands.Refresh

NavigationCommands.Search

NavigationCommands.Zoom

Slider.DecreaseLarge

Slider.DecreaseSmall

Slider.IncreaseLarge

Slider.IncreaseSmall

Slider.MaximizeValue

Slider.MinimizeValue