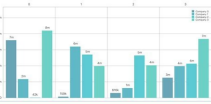
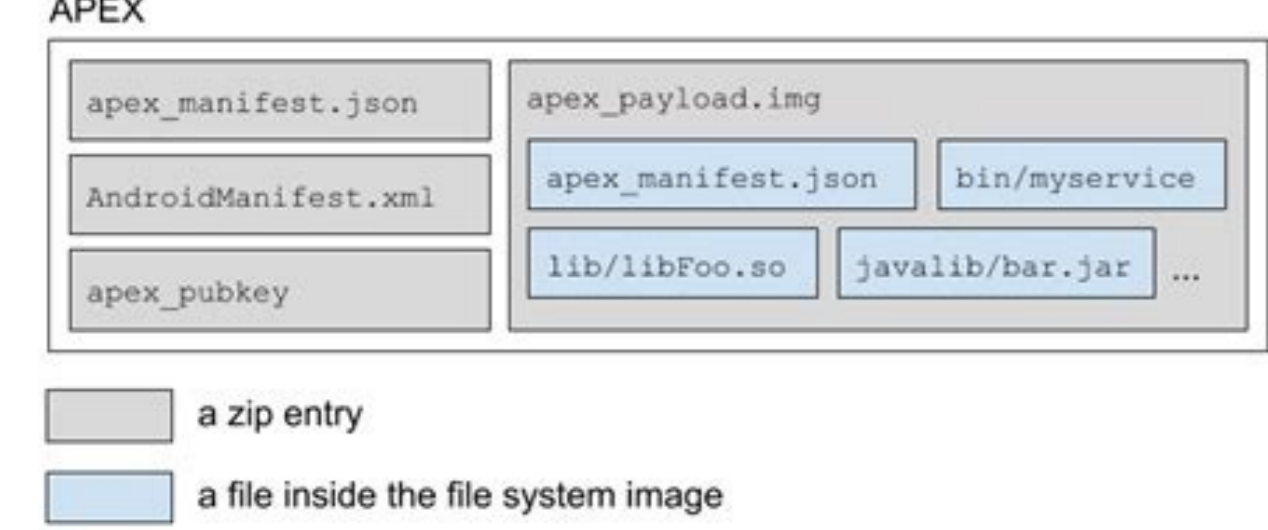


Double navigation bar xamarin forms

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Xamarin forms double navigation bar. Xamarin forms navigation menu example.

When dealing with the navigation bar in Xamarin Forms, is pretty limited what we can do related to customization. So when this is needed there are generally two approaches people follow: Hide the Xamarin Forms navigation bar and implementing a custom one using any forms layout. The problem with this approach might be handling the glitches caused by navigation transitions especially on Android when using the forms navigation bar on some pages and in other's not. Implement customization on each platform by using custom renderers. In this article, we are going to focus on the second one. Xamarin Forms The first thing to do is to create a CustomNavigationPage class that extends from the NavigationPage class and add some attached properties to achieve extra customization. TitlePositionProperty - Gets/Sets the position for our title (Start, Center or End). TitleBackgroundProperty - Gets/Sets the background for the title view. TitleFontProperty - Gets/Sets the font for the title text. SubtitleFontProperty - Gets/Sets the font for the subtitle text. TitlePaddingProperty - Gets/Sets the padding for the title view. TitleMarginProperty - Gets/Sets the margin for the title view. TitleBorderCornerRadiusProperty - Gets/Sets the border radius for the title view. TitleBorderColorProperty - Gets/Sets the border color for the title view. TitleFillColorProperty - Gets/Sets the fill color for the title view. TitleBorderWidthProperty - Gets/Sets the border width for the title view. BarBackgroundProperty - Gets/Sets the background for the navigation bar. GradientColorsProperty - Gets/Sets the gradient colors background for the navigation bar. GradientDirectionProperty - Gets/Sets the direction for the bar background gradient. HasShadowProperty - Gets/Sets the shadow for the bottom of the bar. BarBackgroundOpacityProperty - Gets/Sets the opacity for the bar. Also, let's create a CustomPage to support some flexibility by having a subtitle and formatted text support. To provide this let's add the following properties: Subtitle - Property to set a plain subtitle text FormattedTitle - Will provide us the flexibility to format individually every part of our title text. FormattedSubtitle - Will provide us the flexibility to format individually every part of our subtitle text. For FormattedTitle & FormattedSubtitle will use type FormattedString (This will allow us to use spans to create our formatted text string). Android On Android we got the AppCompatActivity to apply our customization. We should be able to do this by implementing a custom NavigationPageRenderer. NOTE: Make sure to add [assembly: ExportRenderer(typeof(CustomNavigationPage), typeof(CustomNavigationPageRenderer))] to your custom renderer. The next step will be to create a new class called CustomNavigationPageRenderer and extends from NavigationPageRenderer. After that, we are going to overwrite the method OnViewAdded to detect when Toolbar is added. We created a FrameLayout with a LinearLayout inside that contains a title and subtitle TextView. The linear layout represents the title view as a whole (title and subtitle). We subscribe to ChildViewAdded toolbar event to listen when Xamarin Forms adds default toolbar child text view so we can hide it and show just ours with the desired customization for the current page. Also to the page PropertyChanged event to listen to attached property changes. By overriding SetupPageTransition we can set up the correct customization when a page is popped or pushed. When pushed we first stop listening to the previous page PropertyChanged event and start listening to the new pushed page PropertyChanged event. Finally, apply the current proper customization for the attached page. When popped we stop listening to the current page PropertyChanged event, listen to the previous page PropertyChanged event and restore previous page customization. Here how we achieve our customization based on the attached properties: Title Position For positioning our title layout we set the gravity of all our views to the specified value set on CustomNavigationPage.GetTitlePosition for the current page shown. Title Background We set the title layout name by looking for the resource identifier for the name specified in CustomNavigationPage.GetTitleBackground for the current page. Title & Subtitle Font Xamarin Forms Font has an Android extension ToTypeface() that gives you the native typeface equivalent to the font we set on Forms. Formatted Text For setting formatted string text, Forms has a pretty handy extension method ToAttributed() that returns the formatted text equivalent for Android native platform. Title Padding and Margin We set the padding to our title view layout and apply the margin to the layout parameters of this layout. Title Fill & Border Color, Corner Radius and Width We use a method called CreateShape to create a GradientDrawable that allow us to set the title fill, border color, radius and width by setting this drawable on the title view layout background. Bar Background, Opacity, Gradient Colors and Direction For the toolbar background, we set the background to the value CustomNavigationPage.GetBarBackground which is the name of the drawable to set as background. The opacity (0-1) is set by using CustomNavigationPage.GetBarBackgroundOpacity which is a value from 0 to 1, so we multiply by 255 to set the alpha of the toolbar background. In the case of the bar background gradient we use a gradient drawable to set the gradient colors and direction based on CustomNavigationPage.GetGradientColors and CustomNavigationPage.GetGradientDirection values. Bar Shadow To set the shadow we find the FrameLayout inside the activity Window DecorView to set a GradientDrawable with the shadow colors. We set as well the right toolbar elevation to achieve the shadow effect iOS On iOS we got the UINavigationController to apply our customization to specific pages by using a custom PageRenderer. The reason we didn't use a NavigationPageRenderer as on Android is because of the lifecycle of iOS view controllers, we need to do the customization after view controller is loaded and will appear on the screen. Doing it with a navigation page renderer might be too late or too early since we don't have feedback on the view controller events, so we won't have the behavior we expect. NOTE: Make sure to add [assembly: ExportRenderer(typeof(ContentPage), typeof(CustomPageRenderer))] to your Custom Renderer. As you can see here we are going to apply the renderer to all the pages in the application, if you want to apply it to just one page make sure to create a new ContentPage class in your Forms Project and use that type in the ExportRenderer typeof. The next step will be to create a new class called CustomPageRenderer and extends from PageRenderer. After that, we are going to override method ViewDidLoad to create our custom navigation bar view there and also start listening to PropertyChanged events on this page so that we can adapt customization when any property changes. Which will be a container UIView with another UIView to handle margins inside and then our title UIView which contains two UILabels one for the title and other for the subtitle. Then we override ViewWillAppear to set our navigation bar customization, also we need to consider doing this if device is rotated or layout changes occur a good ViewDidLoadSubviews. We set the title position as well on each of these methods. SetupNavBar is the method that does the customization magic on iOS, since is the responsible to configure all customization that was set in CustomNavigationPage attached properties and also sets our custom title view on ParentViewController.NavigationItem.TitleView. Title Position, Padding and Margin To set the title position, padding and margin we basically calculate the correct Frame for the parameters set considering the position, padding, margin and text size as well. Title & Subtitle Font Xamarin Forms Font has an iOS extension ToUIFont() that gives you the native font equivalent to the one we set on Forms. For setting formatted string text, Forms has a pretty handy extension method ToAttributed() available on a FormattedString type that returns the formatted text equivalent for iOS native platform. Bar Background, Opacity, Gradient Colors and Direction We set the opacity by setting the NavigationController.NavigationBar.Alpha to our CustomNavigationPage.GetBarBackgroundOpacity. Also, we if CustomNavigationPage.GetBarBackground is set we load the UIImage with this name to set it as the NavigationBar background. We create the gradient by using CreateGradientBackground method that basically creates an UIImage based on a CAGradientLayer which properties are set based on the values of CustomNavigationPage.GetGradientColors and CustomNavigationPage.GetGradientDirection attached properties. Then set this created image as the NavigationBar background. Bar Shadow We set the shadow if CustomNavigationPage.GetHasShadow is true by setting NavigationController.NavigationBar.layer.properties: ShadowColor, ShadowOffset, ShadowOpacity. Here some examples of how to use on Page: //Sets the title position to end CustomNavigationPage.SetTitlePosition(this, CustomNavigationPage.TitleAlignment.End); //Sets shadow for bar bottom CustomNavigationPage.SetHasShadow(this,true); //Gets if has shadow or not bool hasShadow = CustomNavigationPage.GetHasShadow(this); //Sets the title text font to Micro CustomNavigationPage.SetTitleFont(this, Font.SystemFontOfSize(NamedSize.Micro)); If we want to have a subtitle just make sure your page inherits from CustomPage. You can check the full source code here: References: Happy customization!

Jun 07, 2022 · Xamarin.Forms Shell is a pattern for navigation in cross-platform applications. This pattern was brought forward to .NET MAUI, where it is recommended as the default way for building applications. As we discovered the cost of using Shell in startup (for both Xamarin.Forms and .NET MAUI), we found a couple places to optimize: Dec 17, 2021 · Example. This example shows how to bind a chart control to a data source and create two Stacked Bar series based on a series template.. Add a chart to the WinForms project and specify the chart's data source.. Use the ChartControl.SeriesTemplate property to access and configure series template options.. Call the ChangeView(ViewType) method to specify the view ... The two based forms of Authentication in Passwordstate (AD and Forms) have now been consolidated into one version; Deprecated the "Separate Password" authentication option which could only be used with Active Directory Single sign-on; Made performance improvements to the Add/Edit Password List screens when customers have thousands for Password ... How to implement a flow with nested navigation. The home and settings screens are referenced with static names. The setup flow pages, however, use two paths to create their route names: a /setup/ prefix followed by the name of the specific page. By combining the two paths, your Navigator can determine that a route name is intended for the setup flow without recognizing ... Xamarin.Forms Controls v21.1 ... for example, in a list element or array element, and double-press the dot. CodeRush will move the dot and caret to the right of the closing bracket. ... Extensive parallel calculations significantly speed up the interactions with network folders and navigation between folders. The address bar shows a list of ... Rich UI interaction and keyboard navigation in both server-side and client-side (WebAssembly) Blazor apps. Packed with a bunch of features with customization options suitable for building complex, large-scale applications. One of the best Blazor DataGrid in the market that offers feature-rich UI to interact with the software. Flutter Container. The container in Flutter is a parent widget that can contain multiple child widgets and manage them efficiently through width, height, padding, background color, etc. It is a widget that combines common painting, positioning, and sizing of the child widgets. It is also a class to store one or more widgets and position them on the screen according to our needs. When the app starts, a tiny red bar appears across the top of the sign in area. When one text field contains text, the red bar turns orange and animates 0.15 of the way across the sign in area. When two text fields contain text, the orange bar turns yellow and animates half of the way across the sign in area. Sep 03, 2021 · Wait Form. Sep 03, 2021; 3 minutes to read; The Splash Screen Manager allows you to create a Wait Form - a skin-aware form designed to indicate time-consuming operations.. The main features include: An animated continuous progress indicator. You can display an else the Wait Form in code. AutoSelectTextBox: Control whose content is selected when it receives the focus; also performs automatic focus navigation when the caret reaches the extremities of the text range.. BusyIndicator: Lets users know when an application is busy performing an operation so they don't think it has frozen.. ButtonSpinner: A two-button spinner control that can be added to any ... Set to Open Items with Double-Click. The shorthand props API fully manages state but needs to be extended to support the markup shown here. ... If we click on the above link, it will open an About page in the same tab. Xamarin forms open new page on button click. 1 While in File Explorer (Win+E), select one or more folders, libraries, and/or ... Toggle navigation. PRODUCTS · VIEW DEMO · WHAT'S NEW · FREE TRIAL · FREE TRIAL; ... This widget includes the most popular and widely used charts like line, column, bar, pie, and doughnut. ... of large numbers of data points by zooming and panning. Zooming is performed by pinching, selecting a region, or double-tapping at the required position ... Jun 14, 2021 · Here's another option: Associate the .csx file extension with CSLIKE. Now you can execute a .csx file just by double clicking on it in File Explorer. C# Scripting and Visual Studio And that's all very interesting, but it's the integration with Visual Studio that could simplify some parts of your code development process. Ativar Conexão function setClipboard(value) { var tmpInput = document.createElement("input ...

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