

Navigation

By: Mosh Hamedani

Hierarchical Navigation

App:

```
MainPage = new NavigationPage(new WelcomePage());
```

WelcomePage:

```
await Navigation.PushAsync(new IntroductionPage());
```

IntroductionPage:

```
await Navigation.PopAsync();
```

Navigation Bar

Setting the title

```
<ContentPage Title="Welcome">
```

Hiding the navigation bar

```
<ContentPage NavigationPage.HasNavigationBar="false">
```

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Changing the colors

App:

```
MainPage = new NavigationPage(new WelcomePage())
{
    BarBackgroundColor = Color.Gray,
    BarTextColor = Color.White
}
```

Hiding the back button

```
<ContentPage NavigationPage.HasBackButton="false">
```

Disabling the physical back button on Android and Windows:

```
protected override bool OnBackButtonPressed()
{
    return true;
}
```

Modal Pages

```
await Navigation.PushModalAsync(new IntroductionPage());
await Navigation.PopModalAsync();
```

Master Detail

```
<MasterDetailPage IsPresented="true">
    <MasterDetailPage.Master>
        <ContentPage Title="Contacts">
            ... add a list view
        </ContentPage>
    </MasterDetailPage>
    <MasterDetailPage.Detail>
        <ContentPage />
    </MasterDetailPage.Detail>
</MasterDetailPage>
```

```
async void Handle_ItemSelected(...)
{
    var contact = e.SelectedItem as Contact;
    Detail = new NavigationPage(new DetailPage(contact));
    IsPresented = false;
}
```

Tabbed Page

```
<TabbedPage ...  
    xmlns:local="clr-namespace:HelloWorld">  
  
    <local:ConctactsPage Title="..." Icon="..." />  
  
    <ContentPage Title="..." Icon="...">...</ContentPage>  
  
    <NavigationPage Title="..." Icon="...">  
        <x:Arguments>  
            <ContentPage>...</ContentPage>  
        </x:Arguments>  
    </NavigationPage>  
</TabbedPage>
```

CarouselPage

```
<CarouselPage ...  
    xmlns:local="clr-namespace:HelloWorld">  
  
    <local:ConctactsPage Title="..." Icon="..." />  
  
    <ContentPage Title="..." Icon="...">...</ContentPage>  
  
</CarouselPage>
```

Displaying Popups

Alerts

```
var confirmation = await DisplayAlert(...);  
if (confirmation) ...
```

Action Sheets

```
var response = await DisplayActionSheet(...);
```

Toolbar Items

```
<ContentPage>  
    <ContentPage.ToolbarItems>  
        <ToolbarItem Icon="..." Activated="..." />  
    </ContentPage.ToolbarItems>  
</ContentPage>
```