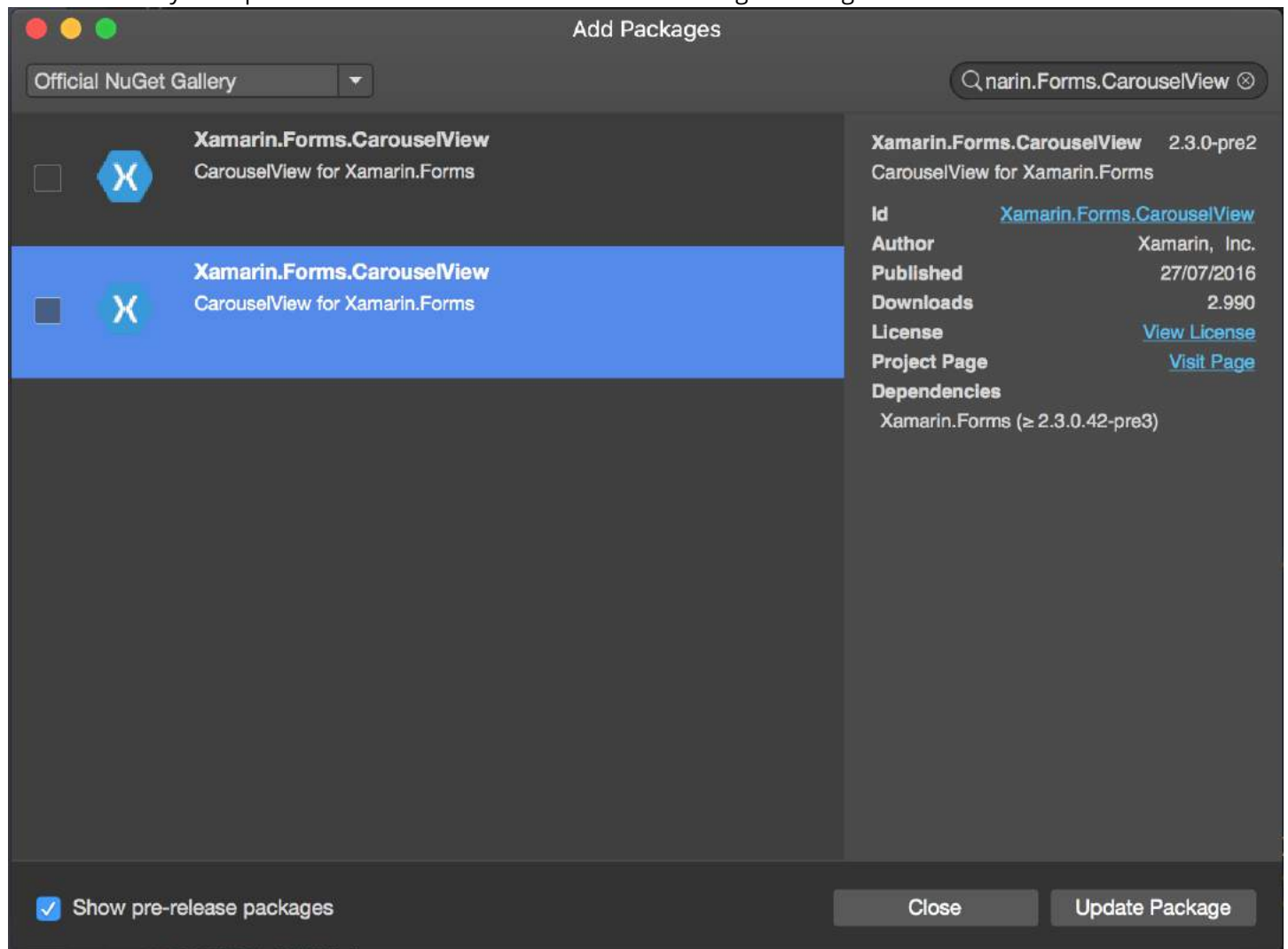


# Chapter 25: CarouselView - Pre-release version

## Section 25.1: Import CarouselView

The easiest way to import CarouselView is to use the NuGet-Packages Manager in Xamarin / Visual studio:



To use pre-release packages, make sure you enable the 'Show pre-release packages' checkbox at the left corner.

Each sub-project (.iOS/.droid/.WinPhone) must import this package.

## Section 25.2: Import CarouselView into a XAML Page

### The basics

In the heading of ContentPage, insert following line:

```
xmlns:cv="clr-namespace:Xamarin.Forms;assembly=Xamarin.Forms.CarouselView"
```

Between the <ContentPage.Content> tags place the CarouselView:

```
<cv:CarouselView x:Name="DemoCarouselView">  
</cv:CarouselView>
```

x:Name will give your CarouselView a name, which can be used in the C# code behind file. This is the basics you need to do for integrating CarouselView into a view. The given examples will not show you anything because the CarouselView is empty.

## Creating bindable source

As example of an ItemSource, I will be using a ObservableCollection of strings.

```
public ObservableCollection<TechGiant> TechGiants { get; set; }
```

TechGiant is a class that will host names of Technology Giants

```
public class TechGiant
{
    public string Name { get; set; }

    public TechGiant(string Name)
    {
        this.Name = Name;
    }
}
```

After the InitializeComponent of your page, create and fill the ObservableCollection

```
TechGiants = new ObservableCollection<TechGiant>();
TechGiants.Add(new TechGiant("Xamarin"));
TechGiants.Add(new TechGiant("Microsoft"));
TechGiants.Add(new TechGiant("Apple"));
TechGiants.Add(new TechGiant("Google"));
```

At last, set TechGiants to be the ItemSource of the DemoCarouselView

```
DemoCarouselView.ItemsSource = TechGiants;
```

## DataTemplates

In the XAML - file, give the CarouselView a DataTemplate:

```
<cv:CarouselView.ItemTemplate>
</cv:CarouselView.ItemTemplate>
```

Define a DataTemplate. In this case, this will be a Label with text bind to the itemsource and a green background:

```
<DataTemplate>
    <Label Text="{Binding Name}" BackgroundColor="Green" />
</DataTemplate>
```

That's it! Run the program and see the result!

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