**Les fragments sous xamarin VS 2017**

**Layout : Activity\_Main :**

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

xmlns:app="http://schemas.android.com/apk/res-auto"

xmlns:tools="http://schemas.android.com/tools"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<FrameLayout

android:id="@+id/frame"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent" />

</LinearLayout>

Création d’un Menu :

<menu xmlns:android="http://schemas.android.com/apk/res/android">

<item

android:id="@+id/menu1"

android:title="Layout1"/>

<item

android:id="@+id/Layout2"

android:title="Menu2"/>

</menu>

**Création d’un fragment :**

public class Fragment1 : Android.Support.V4.App.Fragment

{

public override void OnCreate(Bundle savedInstanceState)

{

base.OnCreate(savedInstanceState);

// Create your fragment here

}

public override View OnCreateView(LayoutInflater inflater, ViewGroup container, Bundle savedInstanceState)

{

// Use this to return your custom view for this Fragment

View v= inflater.Inflate(Resource.Layout.layout1, container, false);

Button b = v.FindViewById<Button>(Resource.Id.button1);

b.Click += delegate

{

};

List<string> liste = new List<string>();

liste.Add("1");

liste.Add("2");

liste.Add("3");

Spinner sp = v.FindViewById<Spinner>(Resource.Id.spinner1);

sp.Adapter = new ArrayAdapter<string>(this.Activity, Android.Resource.Layout.SimpleListItem1, liste); ;

return v;

//return base.OnCreateView(inflater, container, savedInstanceState);

}

Création d’un layout :Layout1

<?xml version="1.0" encoding="utf-8"?>

<LinearLayout xmlns:android="http://schemas.android.com/apk/res/android"

android:orientation="vertical"

android:layout\_width="match\_parent"

android:layout\_height="match\_parent">

<TextView

android:text="Large Text"

android:textAppearance="?android:attr/textAppearanceLarge"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:minWidth="25px"

android:minHeight="25px"

android:id="@+id/textView1" />

<Button

android:text="Button"

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/button1" />

<Spinner

android:layout\_width="match\_parent"

android:layout\_height="wrap\_content"

android:id="@+id/spinner1" />

</LinearLayout>

Codification de MainActivity :

public override bool OnCreateOptionsMenu(IMenu menu)

{

MenuInflater.Inflate(Resource.Menu.menu, menu);

return base.OnCreateOptionsMenu(menu);

}

public override bool OnOptionsItemSelected(IMenuItem item)

{

int id = item.ItemId;

if(id==Resource.Id.menu1)

{

Fragment1 f1 = new Fragment1();

SupportFragmentManager.BeginTransaction()

.Replace(Resource.Id.frame, f1)

.Commit();

}

return base.OnOptionsItemSelected(item);

}