



The Button control

(Information and examples taken from the DroidScript documentation)

Description

Create buttons using the **CreateButton** method of the **app** object:

```
btn = app.CreateButton( text, width, height, options );
```

You can allow the button to auto-size by leaving out the dimensions or you can specify a **width** and **height** as decimal fractions. Setting the width and height to -1 whilst using the '**FillX**' option will allow it to fill the layout width.

Use the **SetOnTouch** method of your button object to set the name of a function you want to be called when the button is touched.

Various button **styles** can be set by including a style name in the options parameter

Methods

Some controls use the same methods.
For examples of the [same methods](#) look here.

Method	Description
Button.Destroy()	
Button.GetAbsHeight()	
Button.GetAbsWidth()	
Button.GetHeight()	
Button.GetPosition()	
Button.GetText()	
Button.GetTextSize(mode)	
Button.GetType()	
Button.GetVisibility()	
Button.GetWidth()	
Button.Release()	

Method	Description
Button.SetBackColor(color)	
Button.SetBackGradient(color1,color2,color3,p4,p5,p6,p7)	
Button.SetBackGradientRadial(x,y,r,color1,color2,color3,p7)	
Button.SetBackground(imagefile,options)	
Button.SetFontFile(file)	
Button.SetHtml(html)	
Button.SetMargins(left,top,right,bottom)	
Button.SetOnTouch(callback)	
Button.SetOnTouchEx(p1)	
Button.SetPadding(left,top,right,bottom)	
Button.SetPosition(left, top, width, height)	
Button.SetScale(x,y)	
Button.SetSize(width, height)	
Button.SetText(text)	
Button.SetTextColor(colorcode)	
Button.SetTextShadow(radius,dx,dy,color)	
Button.SetTextSize(size,mode)	
Button.SetVisibility(HideShow)	

Options

Option	Description
Alum	Display the Button in aluminum style
FillX	Fill the layout width
Gray	Display the Button in Gray Color

Example - Default Size

```
function OnStart()
{
    lay = app.CreateLayout( "Linear", "VCenter,FillXY" );

    btn = app.CreateButton( "Press Me" );
    btn.SetOnTouch( SayHello );
    lay.AddChild( btn );

    app.AddLayout( lay );
}

function SayHello()
{
    app.ShowPopup("Hello World!");
}
```

Example - Fixed Size

```
function OnStart()
{
    lay = app.CreateLayout( "Linear", "VCenter,FillXY" );

    btn = app.CreateButton( "Press Me", 0.5, 0.2 );
    btn.SetOnTouch( SayHello );
    lay.AddChild( btn );

    app.AddLayout( lay );
}

function SayHello()
{
    app.ShowPopup("Hello World!");
}
```

Example - Fill layout width

```
function OnStart()
{
    lay = app.CreateLayout( "Linear", "VCenter,FillXY" );
    lay.SetPadding( 0.02, 0.02, 0.02, 0.02 );

    btn = app.CreateButton( "Press Me", -1, -1, "FillX" );
    btn.SetOnTouch( SayHello );
    lay.AddChild( btn );

    app.AddLayout( lay );
}

function SayHello()
{
    app.ShowPopup("Hello World!");
}
```

Example - Change Style

```
function OnStart()
{
    lay = app.CreateLayout( "Linear", "Vertical,FillXY" );
    lay.SetPadding( 0.1, 0.1, 0.1, 0 );

    b1 = app.CreateButton( "Normal", -1, -1, "FillX" );
    lay.AddChild( b1 );

    b2 = app.CreateButton( "Gray", -1, -1, "FillX,Gray" );
    lay.AddChild( b2 );

    b3 = app.CreateButton( "Alum", -1, -1, "FillX,Alum" );
    lay.AddChild( b3 );

    app.AddLayout( lay );
}
```

