

WebView control

(Information and examples taken from the DroidScript documentation)

Description

You can create a control to display local or remote web pages in your App using the **CreateWebView** method of the **app** object:

```
web = app.CreateWebView( width, height, options, zoom );
```

options include **“IgnoreErrors”**, **“NoScrollBars”**, **“ScrollFade”**, **“Overview”**, **“AllowZoom”**, **“UseBrowser”**.

If you are loading remote web pages, then you might want to use the **SetOnProgress** method to set the name of a callback function that you want called to report the progress of loading the page.

You can use the **LoadUrl** method to load an internal or external web page or the **LoadHtml** method to load text directly from within your App.

```
web.LoadUrl( url,options );
```

```
web.LoadHtml( html,baseFolder,options );
```

Note: Using a WebView can be a good way of displaying colored and formatted text areas in your App. If you set the BackColor to a transparent color you can show formatted text over a background image.

If you need to, you can use the **Execute** method to execute JavaScript code within the WebView.

```
web.Execute( text );
```

Methods

Some controls use the same methods.

For examples of the **same methods** look here.

Method	Description
WebView.Back()	
WebView.CanGoBack()	
WebView.CanGoForward()	
WebView.Capture(filename)	captures jpeg of visible page
WebView.ClearHistory()	
WebView.Execute(code)	
WebView.Forward()	
WebView.GetAbsHeight()	

Method	Description
WebView.GetAbsWidth()	
WebView.GetHeight()	
WebView.GetPosition()	
WebView.GetType()	
WebView.GetUrl()	returns the current url
WebView.GetVisibility()	
WebView.GetWidth()	
WebView.LoadHtml(html,base,options)	
WebView.LoadUrl(url,options)	
WebView.Print()	KitKat or later only
WebView.SetBackColor(color)	
WebView.SetBackGradient(color1,color2,color3,p4,p5,p6,p7)	
WebView.SetBackGradientRadial(x,y,r,color1,color2,color3,p7)	
WebView.SetBackground(imagefile,options)	
WebView.SetMargins(left,top,right,bottom)	
WebView.SetOnProgress(callback)	
WebView.SetPadding(width,height,top,bottom)	
WebView.SetPosition(left,top,width,height)	
WebView.SetScale(x,y)	
WebView.SetSize(width,height)	
WebView.SetVisibility(HideShow)	

Example - Remote

```
function OnStart()  
{  
    lay = app.CreateLayout( "linear", "VCenter,FillXY" );  
  
    web = app.CreateWebView( 0.8, 0.8 );  
    web.SetOnProgress( web_OnProgress );  
    lay.AddChild( web );  
  
    app.AddLayout( lay );  
  
    app.ShowProgress("Loading...");  
    web.LoadUrl( "http://www.google.com" );  
}  
  
function web_OnProgress( progress )  
{  
    app.Debug( "progress = " + progress );  
    if( progress==100 ) app.HideProgress();  
}
```

Example - Local

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

    web = app.CreateWebView( 0.8, 0.8 );
    web.SetBackColor( "#00000000" );
    lay.AddChild( web );

    app.AddLayout( lay );

    web.LoadUrl( "file:///Sys/Html/Page.htm" );
}
```

Example - Direct

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

    web = app.CreateWebView( 0.8, 0.8 );
    web.SetBackColor( "#00000000" );
    lay.AddChild( web );

    app.AddLayout( lay );

    var html = "<html><head>";
    html += "<meta name='viewport' content='width=device-width'>";
    html += "</head><body style='color:#fff'>Hello World!<br>";
    html += "<img src='Img/Droid2.png'>";
    html += "</body></html>";
    web.LoadHtml( html, "file:///Sys/" );
}
```

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