

File Hex Viewer

Sample code

hexView.js

```
var picker,view,hv={};
//Called when application is started.
function OnStart()
{
    //Create a layout with objects vertically centered.
    var lay = app.CreateLayout( "linear", "Left" );           //Create a fu
ll screen scroller
    var scroll = app.CreateScroller( 1.0, 0.95 );
    lay.AddChild( scroll );

    //Create a layout inside scroller.
    var layScroll = app.CreateLayout( "Linear", "Left" );
    scroll.AddChild( layScroll );

    view=app.CreateWebView(1.5,0.95);
    layScroll.AddChild(view);

    //Add layout to app.
    app.AddLayout( lay );
    var path="/sdcard/DroidScript/Hello World/Img/Hello World.png";
    hexViewStart(path,view);
}

function hexViewStart(fullPath,webView)
{
    hv={chunksize:1024,path:fullPath};
    hv.webView=webView;
    hv.file = app.CreateFile( hv.path, "r" );
    hv.len = hv.file.GetLength();
    hv.html("<p>" + fullPath + "</p><table>\n";
    hv.file.Seek( 0 );
    app.ShowProgress("Loading");
    hexViewChunk();
}

function hexViewChunk()
{
    var pos=hv.file.GetPointer();
    var whole = hv.file.ReadData( hv.chunksize,"int" );
    if(whole == undefined)
    {
        hexViewEnd();
    }
}
```

```
        return;
    }
    var bull="&bull;";
    var int,hex,asc,hbuff,abuff,row;
    do
    {
        var data = whole.slice(0,8);
        whole=whole.slice(8);
        //var data = file.ReadData( 8,"int" );
        if(data==undefined) break;
        var len = data.length;
        hbuff="";
        abuff="<td style='background-color:#ddffd;'>";
        var pos8="<td>"+
            ("00000000"+
            pos.toString(16)).slice(-8).toUpperCase() +
            "</td>";
        for(var i=0;i<len;i++)
        {
            int=data[i];
            hex=("0"+int.toString(16)).slice(-2);
            asc=bull;
            if(int>31 && int<127)
                asc=String.fromCharCode(int);
            if(asc=="<")asc="&lt;";
            hbuff+="<td>"+hex.toUpperCase()+"</td >";
            abuff+=asc;
        }
        abuff+="</td>";
        row="<tr>"+pos8+hbuff+abuff+"</tr>";
        if(len>0) hv.html +=row+"\n";
        pos+=len;
    }
    while(len > 0);
    setTimeout("hexViewChunk()",1);
}

function hexViewEnd()
{
    hv.html+="</table>";
    app.HideProgress();
    hv.webView.LoadHtml(hv.html);
    hv.file.Close();
}

function pickit()
{
    if( ! picker )
    {
        picker = new FilePicker(openit,"/");
        picker.SetFolder("/sdcard");
    }
}
```

```
    picker.SetHideFiles(false);  
  }  
  picker.Show(picker);  
}  
function openit(pth)  
{  
    hexViewStart(pth,view);  
}
```

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