Embedding local or remote MP3 audio in Symbian Web Runtime

Under construction.

Introduction

The purpose of this Wiki article is to demonstrate how you can play sounds in a Symbian WRT widget using embedded Flash object.

Prerequisites

- any code editor of your choice.
- a supported device for testing, N8 used in this example.

Example code

This example code shows how to embed a MP3 file, locally or remotely from a server to be played within your S60 WRT widget. We will create a method that can be called when the MP3 file needs to be embedded. Therefore an additional JavaScript file will be created.

basic.js - code for WRT default JavaScript file

audioplay.js - serves as home for the Mp3 embed method.

```
var songname = "";
var songURL = "";

function embedMP3(songname, songURL) {
   var objectType = "application/x-mplayer2";
   document.writeln("<div>");
   document.writeln("<strong style='font-size:18px; position:relative; top:-28px'>" + songname + " </strong>");
   document.writeln("<object width='200' height='80'>");
   document.writeln("<param name='type' value='" + objectType + "'>");
   document.writeln("<param name='src' value='" + songURL + "'>");
   document.writeln("<param name='autostart' value='0'>");
   document.writeln("<param name='showcontrols' value='1'>");
   document.writeln("<param name='showstatusbar' value='1'>");
   document.writeln("<embed src ='" + songURL + "' type='" + objectType + "' autoplay='false' autostart='0' width='280' height='69'
   document.writeln("</object>");
   document.writeln("</div>");
   document.close();
}
```

index.html - code for WRT default HTML-file

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
 <head>
  <title>Mp3 audio play test</title>
  <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />
  <script language="javascript" type="text/javascript" src="basic.js"></script>
  <script src="audioplay.js" type="text/javascript"></script>
     <link rel="stylesheet" href="basic.css" type="text/css" />
     <meta name="Generator" content="Nokia WDE 3.0.0" />
 </head>
 <body onload="init();">
 </body>
</html>
```

basic.css

In the CSS file basic.js will be simply defined a background-color and text alignment to the middle of the widget.

```
body {
 background-color: #6C5635;
 text-align: center;
}
```

Media file and link for testing

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test.mp3

Media:test.mp3

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