

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 + "&nbsp;&lt;/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' controller='1' showstatusbar='1'
    bgcolor='#ffffff'>&lt;/embed>");
    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

test.mp3

[Media:test.mp3](#)