

# Interactive FileMaker Containers are Webviewers

Did you notice that the interactive Containers in FileMaker are really Webviewers?

Even a simple picture is shown using a Webviewer with an IMG tag:



```
<html style="height: 100%;">
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
    <style>
      body {background-color:rgba(100%,100%,100%,1);}
    </style>
  </head>
  <body style="border:0; margin:0; padding:0; overflow: hidden; height: 100%; ">
    
  </body>
</html>
```

We get the html text using the [WebView.GetHTMLText](#). Please define a name for the container control, so you can reference it later in the [Webviewer](#) calls. For a movie on Mac FileMaker uses an HTML5 Video tag, which gives us some javascript possibilities:

```
<html style="height: 100%;">
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
    <script type="text/javascript">
      function stop() { var thePlayer = document.getElementById('fm-player'); thePlayer.pause(); }
    </script>
    <style>
      body {background-color:rgba(100%,100%,100%,1);}
    </style>
```

```

</head>
<body style="border:0; margin:0; padding:
0; overflow: hidden; height: 100%; ">
  <video id="fm-player" src="file:///Volumes/Mac/
Users/cs/Library/Caches/FileMaker/ContainerCache/
Interactive_Container_Webviews/
5B5E9D4AA552A54E72180807B75548D6/LocalThumbs/60/D8/1FE4E8EC/
250843FA/E9A86910/17F9/
test.mp4" controls="true" width="100%" height="100%" style="
position:absolute; top:0px; left:0px;">
  />
</video>
</body>
</html>

```

As you see, the video tag has the id "fm-player" and we can use that to run Javascript.

```

MBS( "WebView.RunJavaScript" ; "movie";
"document.getElementsByTagName('video')[0].play();" )

```

This function call will look for the first video tag and start the movie in the webviewer using the [play](#) command..

Next the HTML from Windows with using the MediaPlayer embedded video player:

```

<html style="height: 100%;">
  <head>
    <meta http-equiv="Content-Type" content="text/
html; charset=utf-8">
    <style>
      body {background-color:rgb(255,255,255);}
    </style>
  </head>
  <body style="margin: 0px; padding: 0px; border: 0px curr
entColor; border-
image: none; height: 100%; overflow: hidden; transform: scal
e(2);">
    <object width="100%" height="100%" id="Player" class
id="CLSID:6BF52A52-394A-11d3-B153-00C04F79FAA6">
      <PARAM NAME="URL" VALUE="C:
\Users\Administrator\AppData\Local\Temp\FileMaker\ContainerC
ache\Interactive_Container_Webviews\6357DC74F75BA5A743F9BEC2
4832484D\LocalThumbs\60\D8\1FE4E8EC\250843FA\E9A86910\17F9\t

```

```

est.mp4"><PARAM NAME="rate" VALUE="1"><PARAM NAME="balance"
VALUE="0"><PARAM NAME="currentPosition" VALUE="0"><PARAM NAM
E="defaultFrame" VALUE=""><PARAM NAME="playCount" VALUE="1">
<PARAM NAME="autoStart" VALUE="0"><PARAM NAME="currentMarker
" VALUE="0"><PARAM NAME="invokeURLs" VALUE="-1"><PARAM NAME=
"baseUrl" VALUE=""><PARAM NAME="volume" VALUE="50"><PARAM NA
ME="mute" VALUE="0"><PARAM NAME="uiMode" VALUE="full"><PARAM
NAME="stretchToFit" VALUE="0"><PARAM NAME="windowlessVideo"
VALUE="0"><PARAM NAME="enabled" VALUE="-1"><PARAM NAME="ena
bleContextMenu" VALUE="-1"><PARAM NAME="fullScreen" VALUE="0
"><PARAM NAME="SAMISStyle" VALUE=""><PARAM NAME="SAMILang" VA
LUE=""><PARAM NAME="SAMIFilename" VALUE=""><PARAM NAME="capt
ioningID" VALUE=""><PARAM NAME="enableErrorDialogs" VALUE="0
"><PARAM NAME="_cx" VALUE="25612"><PARAM NAME="_cy" VALUE="2
2648"><param name="autoStart" value="False"><param name="URL
" value="file:///C:
\Users\Administrator\AppData\Local\Temp\FileMaker\ContainerC
ache\Interactive_Container_Webviews\6357DC74F75BA5A743F9BEC2
4832484D\LocalThumbs\60\D8\1FE4E8EC\250843FA\E9A86910\17F9\t
est.mp4">
    </object>
  </body>
</html>

```

Here on Windows you can do the same, but you have to lookup the documentation from Microsoft and you find the command to [play](#):

```

MBS( "WebView.RunJavaScript" ; "player";
"document.getElementById('Player').controls.play();" ) Similar
Javascript can be used to pause the video or query movie duration.

```