Project Wide Standards

# General Formats

Colour – colours are to be given in hexadecimal.

Time – Integer values for time in seconds.

# Media Formats

Audio – mp3, wav

Images – jpeg, gif, bitmap, tiff

Videos – avi, mp4,

Midi - midi

# Main Elements

Root element – should be named slideshow

Child elements – three main child elements should be named documentinfo, defaults and slide

## Example

<slideshow>

<documentinfo>

</documentinfo>

<defaults>

</defaults>

<slide>

</slide>

</slideshow>

# <documentinfo> Sub Child Elements

|  |  |  |
| --- | --- | --- |
| Element Name | Description | Type |
| author | Author’s name | String |
| version | Version of presentation | String |
| comment | Description of presentation | String |
| width | Presentation width in pixels | Integer |
| height | Presentation height in pixels | Integer |

## Example

<documentinfo>

<author>Stuart Porter</author>

<version>1.0</version>

<comment>Sample of the MediaPlayer input File</comment>

<width>640</width>

<height>480</height>

</documentinfo>

# <defaults> Sub Child Elements

|  |  |
| --- | --- |
| Element Name | Type |
| backgroundcolor | String |
| font | String |
| fontsize | String |
| fontcolor | String |
| linecolor | String |
| fillcolor | String |

## Example

<default>

<backgroundcolor>#00FF00</ backgroundcolor >

<font>Times New Roman</font>

<fontsize>24pt</fontsize>

<fontcolor>#0000FF</fontcolor>

<linecolor>#00FF00</linecolor>

<fillcolor>#FF0000</fillcolor>

</default>

# <slide> Attributes

|  |  |  |
| --- | --- | --- |
| Attribute Name | Type | Required or Implied |
| id | String | Required |
| duration | Int | Implied |

# <slide> Sub Child Elements

|  |  |  |  |
| --- | --- | --- | --- |
| Element Name(type) | Attributes (type) | Required or Implied | Sub Elements |
| text(string) | font(String) | Implied | b,i |
| fontsize(String) | Implied |
| fontcolor(String) | Implied |
| xstart(Int) | Required |
| ystart(Int) | Required |
| starttime(Int) | Implied |
| endtime(Int) | Implied |
| layer(Int) | Implied |
| line | xstart(Int) | Required |  |
| ystart(Int) | Required |
| xend(Int) | Required |
| yend(Int) | Required |
| linecolor(String) | Implied |
| starttime(Int) | Implied |
| endtime(Int) | Implied |
| layer(Int) | Implied |
| shape | type( oval|rectangle ) | Required | shading |
| xstart(Int) | Required |
| ystart(Int) | Required |
| width(Int) | Required |
| height(Int) | Required |
| fillcolor(String) | Implied |
| starttime(Int) | Implied |
| endtime(Int) | Implied |
| layer(Int) | Implied |
| audio | urlname(string) | Required |  |
| starttime(Int) | Implied |
| loop(True|false) | Implied |
| image | urlname(string) | Required |  |
| xstart(Int) | Required |
| ystart(Int) | Required |
| width(Int) | Implied |
| height(Int) | Implied |
| starttime(Int) | Implied |
| endtime(Int) | Implied |
| layer(Int) | Implied |
| midi | urlname(string) | Required |  |
| starttime(Int) | Implied |
| loop(true|false) | Implied |
| video | urlname(String) | Required |  |
| starttime(Int) | Implied |
| loop(true|false) | Implied |
| xstart(Int) | Required |
| ystart(Int) | Required |
| layer(Int) | Implied |

## <text> Sub Elements

|  |  |  |
| --- | --- | --- |
| Element Name | Description | Type |
| i | italics | string |
| b | bold | string |

### Example

<Text font="Times-Roman" fontsize="12pt" fontcolor="#fffff" xstart="60" ystart="20" starttime="2" endtime="10">

<b>Hello<i>World!</i></b>

</Text>

## <shape> Sub Elements

|  |  |  |
| --- | --- | --- |
| Element Name | Attributes(type) | Required or Implied |
| shading | x1(int) | Required |
| y1(int) | Required |
| color1(String) | Required |
| x2(int) | Required |
| y2(int) | Required |
| color2(String) | Required |
| cyclic(true|false) | Required |

## Example

<shading x1="85" y1="45" color1="#ffffff" x2="160" y2="80" color2="#000000" cyclic="true"/>

# XML Schema

The XML Schema is available in the document MMPE\_Schema.xsd

# Document Type Definition

The Document Type Definition is available in the document MMPE\_Definition.xtd

# Revision History

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Status** | **Date** | **Edited By** | **Description of change** |
| 0.1 | Draft | 03/02/14 | M. Vuong | Initial draft |
| 0.2 | Draft | 03/02/14 | H. Smith-Andrews | Modifications to some schema definitions |
| 0.3 | Draft | 04/02/14 | S. Nicholson | Added width and height tags, added schema and DTD |