Foyer Display HTML Specification

Purpose
The purpose of the Foyer Display HTML is to display events as provided by specified data.
Events have specified start and end date/times and should only display them at the correct times.
Events should seamlessly start and stop showing at their respective times.
This is html is publicly visible and it's presentation/ appearance is critical, this means that flickering or anything not smooth and nicely presented is unacceptable.

Depth of scope
This scope is for the development of javascript to programmatically display the events at the correct times according to the supplies options.

Styling/CSS
Styling is not part of this scope, as there will be existing CSS included in the html.

Event Data
Event data will be supplied in this format, and can be accessed by the events variable.

```
var events = [
  {
    "id": "165",
    "title1": "Test Line One",
    "title2": "Test Line Two",
    "description1": "Test Description Text",
    "description2": "Test Description Text Line Two",
    "roomName": "",
    "logoFullScreen": "0",
    "logoHide": "0",
    "alternateDirections": "0",
    "eventStart": "2014-11-22 22:21:00",
    "eventEnd": "2014-11-22 22:21:00",
    "roomEventStart": "2014-11-22 22:06:00",
    "roomEventEnd": "2014-11-22 22:26:00",
    "foyerEventStart": "2014-11-22 20:51:00",
    "foyerEventEnd": "2014-11-22 22:26:00",
    "hide": "0",
    "roomNames": "Bravo",
    "roomIds": "73",
    "arrow": "4",
    "arrowAlt": "5",
    "text": "",
    "textAlt": "",
    "arrowName": "up-elevator",
    "arrowNameAlt": "up-stairs"
  },
  {
    "id": "166",
    "title1": "My Sample Event",
    "title2": "",
    "description1": "Special guest Speaker",
    "description2": "John Smith",
    "roomName": "The Grand Ballroom",
    "logoFullScreen": "0",
    "logoHide": "0",
    "alternateDirections": "0",
    "eventStart": "2014-11-22 22:11:00",
    "eventEnd": "2014-11-22 22:21:00",
    "roomEventStart": "2014-11-23 12:06:00",
    "roomEventEnd": "2014-11-23 22:26:00",
    "foyerEventStart": "2014-11-22 10:51:00",
    "foyerEventEnd": "2014-11-22 22:26:00",
    "hide": "0",
    "roomNames": "Bravo,Charlie",
    "roomIds": "73",
    "arrow": "4",
    "arrowAlt": "5",
```

```
      "text": "",
      "textAlt": "",
      "arrowName": "down",
      "arrowNameAlt": "up-left"
    },
    {
      "id": "167",
      "title1": "GM AGM",
      "title2": "2014",
      "description1": "Public Shareholder Meeting",
      "description2": "",
      "roomName": "Test room name",
      "logoFullScreen": "0",
      "logoHide": "0",
      "alternateDirections": "0",
      "eventStart": "2014-11-22 22:21:00",
      "eventEnd": "2014-11-22 22:21:00",
      "roomEventStart": "2014-11-22 22:06:00",
      "roomEventEnd": "2014-11-22 22:26:00",
      "foyerEventStart": "2014-11-22 20:51:00",
      "foyerEventEnd": "2014-11-22 22:26:00",
      "hide": "0",
      "roomNames": "Bravo",
      "roomIds": "73",
      "arrow": "4",
      "arrowAlt": "5",
      "text": "",
      "textAlt": ""
      "arrowName": "right",
      "arrowNameAlt": "up-left"
    }
  ];
```

HTML Fields

The following HTML needs to be displayed/ injected, the id's and names must be preserved due to the external CSS.

```
<div class="row">
    <div class="evtCont container">
    <div class="eventLineOne">ABC Conference</div>
    <div class="eventLineTwo">Annual General Meeting</div>
    <div class="eventTime">10:30-14:30</div>
    <div class="eventRoom">Grand Ballroom</div>
    <div class="eventArrow"><img src="arrow.gif" class="arrow"></div>
    <div class="eventTxt">Level 6</div>
    <div class="eventLogo"><img src="eventLogo.png" class="eventLogoImg"></div>
    </div>
</div>
<div class="rowAlt">
    <div class="evtCont container">
    <div class="eventLineOne">ABC Conference</div>
    <div class="eventLineTwo">Annual General Meeting</div>
    <div class="eventTime">10:30-14:30</div>
    <div class="eventRoom">Grand Ballroom</div>
    <div class="eventArrow"><img src="arrow.gif" class="arrow"></div>
    <div class="eventTxt">Level 6</div>
    <div class="eventLogo"><img src="eventLogo.png" class="eventLogoImg"></div>
    </div>
</div>
```

This is two rows, you'll note alternating row classes- "row" and "rowAlt".
This for the sake of example is filled with example date, but you will need to generate this html with the appropriate data.

DIV Classes ~ room data correlation
The below table relates the div class to the room data fields.
Note first evaluate the `hide` value in the event data, if 1 then do not display this event at all.

DIV Class	Data Field
eventLineOne	title1
eventLineTwo	title2
eventTime	eventStart/eventEnd - note this time needs to be reformatted according to the supplied option variables - see below option variables
eventRoom	roomName however if not supplied in this variable, use roomNames this contains a comma separated list, use the first name in the list
eventArrow	first evaluate alternateDirections, if this value is 1, then use arrowNameAlt, otherwise use arrowName note that this is a filename for an image that needs to be displayed, the image will be access like this arrows/*arrowNameAlt*.png - the file will always have a .png extension.
eventTxt	first evaluate alternateDirections, if this value is 1, then use textAlt otherwise use text
eventLogo	A logo file *may* exist, if it does it will have the filename using the id then either .jpg or .png check if either of these files exist, however it should only be added if logoHide is not set to 1

Timing of events
Event should start appearing on screen according to foyerEventStart and stop showing according to foyerEventEnd

Option variables

There are a number of variables that will be set to determine various options, they are listed below

Option	Detail
epp	This is the events per page, if there are more events currently set to display your script will need to break them up into pages.
tpp	This is the time per page, and details the number of seconds to display each page
toe	This enables a special feature, all the events have been displayed, eg. after tpp on the last page (first page if only one) a call to a URL should be made. This is specified in turl
turl	This specifies the URL that needs to be called. It will be something like http://127.0.0.1:5555/zone=myzone
evd	This refers to the div that should be used for adding/removing events. it should either be evtCont or row. The reason for this is in some cases row/rowAlt will contain shading, that needs to remain regardless of events
fade	If this option is not present or blank/null no effect is required. If it is enabled it will be set to true. If enabled, the events will need to fade in individually, remembering to use evd.
fadeTime	If fade is enabled this value specifies how long a fade should take
iet	If this is set to true, then in the div field eventTime we need to display both eventStart and eventEnd
ietS	Specifies a separator string to be included if iet is true, should be displayed between the two times
etf	Event time formatting, this specifies the formatting for the time. Eg. this will be provided as per these tables http://momentjs.com/docs/#/displaying/ we suggest you consider using moment, however this is not required.

Obfuscation/ Minification

All code submitted must not be obfuscated or minified.
Must work in IE10+, Chrome V18+