JavaScript Shoutcast Player – Help Instructions

Requirements

- PHP Server
- Browser JavaScript Enabled

Player jQuery Settings are as follows

- $radioURL = like "173.244.194.214"
- $radioPort = like "80" or "6096"
- ShowAlbumCover = true/false;
- AutoPlay = true/false;

This can be find on top of js/player.js

Important Informations

- AlbumCover is optional and needs "Amazon API KEY and API SECRET KEY"
- Radio Stream should be in MPEG format, no support for AAC/AAC+ stream
- Radio Server URL should be like http://173.244.194.214:6096

ShowAlbumCover = true
Player will show AlbumCover in right side of Panel.

ShowAlbumCover = false
Player will show a PNG image(Your Radio Logo for example) in right side of Panel.

I set ShowAlbumCover = true but Player still show my Logo?!
That means player script didn't find an AlbumCover for current Title under Amazon Archiv.

Browsers Compatibility

- Chrome - Full Function
- Safari - Full Function
- Opera - Full Function
- Firefox - Full Function
- IE9 - Full Function | IE8 no Sound Equalizer Animation

Credits

- jQuery
- Sound Manager 2.0
- Amazon ECS PHP Class
- Devshed PHP Shoutcast Class - Special Thanks to Martijn Korse

Application WorkProcess

SongTitle & SongHistory

After you set your radio URL in player.js, the player send radio URL and PORT to grab the current song Title and SongHistory from songTitle.php and history.php, both files will use shoutcast_class.php for connecting to your shoutcast radio server. Because of this player can be test only under a local server or online.

AlbumCover

After completing SongTitle and SongHistory, player try to find an AlbumCover with help of Amazon ECS PHP Class(lib/AmazonECS.class.php and search.php), for using this service you will need a Amazon API KEY and also API SECRET KEY, if you don't have this then player will show a local image as your Radio Logo.

For more information about Amazon API Key, you can refer to http://aws.amazon.com/

but what does search.php?

search.php is actualy our AlbumCover creator, it will use lib/AmazonECS.class.php for this purpose.
The output of the script is an image, if the search function find a Cover for current song under Amazon website it will create a 160x160 Pixel image from original image and if nothing found the local Radio Logo (images/noCover.jpg) will send as search Result.

Developers can simply change search.php for their new purposes. More info will found under:
https://github.com/Exeu/Amazon-ECS-PHP-Library

Customizing Player Interface

I did two skins in Black and White for your work refference.

Customizing should be done in two parts:

CSS:
   • css/player.css
   • css/jquery-ui-1.8.21.custom.css (this is only for sound volume silder)
images
   • all player images will be found in images folder, there are also some PSD files for your convenience.

used Fonts
I've used Tahoma as standard system font and also Google Font:
@import url(http://fonts.googleapis.com/css?family=Arimo);

What about swf Folder in a Javascript App?!

This folder belongs to SoundManager 2.0 Library and will use for old browsers like IE8 for sound streaming.

What about Sound Volume Slider used in Player?

This comes originaly from amazing jQuery UI Library(jquery-ui-1.8.21.custom.min.js) and can be customized via css/jquery-ui-1.8.21.custom.css.

How can I customize and change Player functions?

As a developer, you be able to simply do this in player.js, lines comments will also help you on this purpose and contact me if you still have questions under support@nhstudio.de