

Video streaming using flowplayer

Written by Syed Asim Abbas

Wednesday, 12 May 2010 09:44 - Last Updated Monday, 27 December 2010 10:56

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By Syed Asim Abbas

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Date : 10-May-2010

The purpose of this document is to create a web streaming using apache,php and flowplayer. Streaming is not a rocket science just add flowplayer in your code and enjoy .flv based video streaming server.

Required packages

Mysql (User choice if you waana use it ok go with mysql or you can do streaming without mysql it is totally depend upon your requirment)

Apache

flowplayer

php-5

```
[root@fileserv ~]# rpm -qa |grep mysql
libdbi-dbd-mysql-0.8.1a-1.2.2
mysql-5.0.22-2.1
mysql-bench-5.0.22-2.1
pam_mysql-0.7-0.4.rc1
mysql-devel-5.0.22-2.1
mod_auth_mysql-3.0.0-3.1
mysql-server-5.0.22-2.1
mysql-connector-odbc-3.51.12-2.2
php-mysql-5.1.6-5.el5
```

```
[root@fileserv ~]# rpm -qa |grep http
jakarta-commons-httpclient-3.0-7jpp.1
httpd-2.2.3-6.el5.centos.1
system-config-httpd-1.3.3.1-1.el5
httpd-manual-2.2.3-6.el5.centos.1
```

```
[root@fileserv ~]# rpm -qa |grep php
php-cli-5.1.6-5.el5
php-5.1.6-5.el5
php-mysql-5.1.6-5.el5
```

Download flowplayer opensource version it is free of coast for comercial use under GPL.

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```
[root@fileserv ~]# wget http://releases.flowplayer.org/flowplayer/flowplayer-3.2.0.zip
root@fileserv ~]# unzip flowplayer-3.2.0.zip
Archive: flowplayer-3.2.0.zip
```

```
[root@fileserv flowplayer]# ls
example flowplayer-3.2.0.swf flowplayer.controls-3.2.0.swf LICENSE.txt README.txt
```

ok we got the player now first configure mysql

```
[root@fileserv flowplayer]# /etc/init.d/mysqld start
```

```
[root@fileserv flowplayer]# mysql -u root -p
Enter password:
```

```
mysql> create database videos;
Query OK, 1 row affected (0.13 sec)
```

```
mysql> GRANT CREATE, SELECT, INSERT, DELETE ON videos.* TO asim@'localhost'
IDENTIFIED BY 'redhat';
```

```
Query OK, 0 rows affected (0.06 sec)
```

```
mysql> use videos;
```

```
Database changed
```

```
mysql> CREATE TABLE `video` (
-> `video_id` int(11) NOT NULL auto_increment,
-> `video_tag` text NOT NULL,
-> `uploaddate` datetime NOT NULL default '0000-00-00 00:00:00',
-> `hits` text NOT NULL,
-> `activestatus` varchar(10) NOT NULL default "",
-> `video_name` varchar(200) NOT NULL default "",
-> `video_title` text NOT NULL,
-> PRIMARY KEY (`video_id`)
-> ) ENGINE=MyISAM DEFAULT CHARSET=latin1 AUTO_INCREMENT=5 ;
Query OK, 0 rows affected (0.10 sec)
```

```
mysql> INSERT INTO `video` VALUES (1, 'Paranormal Activities', '2010-04-12 00:00:00', '4', '1',
'1.flv', 'Great Movie with low budget');
```

```
Query OK, 1 row affected (0.10 sec)
```

```
mysql> INSERT INTO `video` VALUES (2, 'Clash of Titans', '2010-04-13 00:00:00', '15', '1',
'2.flv', 'Average Movie');
```

```
Query OK, 1 row affected (0.01 sec)
```

Now After Database create index page in /var/www/html/stream

```
[root@fileserv ~]# cd /var/www/html/stream/
create folder js or as per your code
```

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```
[root@fileserv stream]# mkdir js
```

Now copy flowplayer file into js folder or as per your code path

```
[root@fileserv stream]# cp /root/flowplayer/flowplayer-3.2.0.swf  
/root/flowplayer/example/flowplayer-3.2.0.min.js js/
```

My index.php is display below create your own. Add the following flowplayer lines on you index

```
[root@fileserv stream]# cat index.php
```

```
flowplayer("player", "js/flowplayer-3.2.0.swf");
```

Also create ananother folder video or as per your code.

```
[root@fileserv stream]# mkdir video
```

copy all videos into video folder.

Restart mysqld & httpd

```
[root@fileserv stream]# service mysqld restart  
Stopping MySQL: [ OK ]  
Starting MySQL: [ OK ]  
[root@fileserv stream]# service httpd restart  
Stopping httpd: [ OK ]  
Starting httpd: [ OK ]
```

now open browser and type

```
http://192.168.1.249/stream/index.php
```

Thanks to Allah. It is working

CHEERS :)

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