Flash/ActionScript coding challenge

Contacts:
If you have any questions, please send me an email before starting the assignment.
- Thomas Bonnin: thomas.bonnin@livestream.com

Exercise 1: Simple RTMP Flash player

Description:
The goal of this assignment is to build a simple Flash player that plays back a RTMP stream.

Requirements:
- This should be a pure ActionScript (AS3) project (no flex, etc…)
- git repository so we can clone your project (GitHub for example). Also, don't forget the README :)
- The RTMP stream url should be passed to the player via a flashvar

The video player should have the following features:
- Play/Pause button
- Seek bar
- Full screen button

The flash player should be embedded in a HTML page.

You can find a small list of test RTMP streams at:
https://dl.dropboxusercontent.com/u/1007004/rtmp.htm

Exercise 2: Add "follow" feature to the first exercise

The goal of this exercise is to add a "follow" feature.

Follow basic concepts and background:

- Logged-in user can follow other Livestream accounts
- Events from followed account appears on logged-in homepage
- Notifications are sent when a followed account creates new content or goes live

A button within the player (UI left to your discretion) should reflect the status of the follow relationship. (ie: follow/unfollow) and allows the current user to follow or unfollow the owner of the video.
The communication with the Livestream API should be done through Javascript.
Both way communication should also happen between Javascript and the Flash player to get or update the state of the Follow button.

Authentication:

Authentication is not part of the scope of this exercise. We created an user account for you:
http://new.livestream.com/accounts/5890669
(email: thomas.bonnin+exercise@livestream.com, password: 'this is a simple exercise'

In order to be able to make authenticated requests to the API in behalf of this user, please use the following HTTP header field:
Authorization: Bearer f9ab5ab4f7e4c4f04720bcfef4892b73

Supporting Documentation:

Follow:
POST http://new.livestream.com/api/accounts/5890669/following
Request data: { account_id: 217 } # account being followed

Unfollow:
DELETE http://new.livestream.com/api/accounts/5890669/following/217
Request data: { } # empty

Follow status:
GET http://new.livestream.com/api/accounts/5890669/social_graph/follows:account:217
Response:
{
*   follows: [{*
*   id: "217",*
*   following: false*
*   }]*
}

Bonus points for this assignment:
- Instructions and documentation to run and compile your project
- Code structure and organization
- User Interface
- Tests / Specs / Documentation

Please provide the source code for the Flash player as well as the swf file and html page. Email us back your git repository url. Thank you