Tutorial – Running the Application

First note: There are 2 approaches. The first one includes setting up a webserver with Apache to access the index.html page, the other approach is using the the ARD example index.html page ( <http://itv.ard.de//ardstart//index.html> )

Approach with WebServer (with Windows 10)

1. Download Apache HTTP Server (<https://httpd.apache.org/download.cgi#apache24> )
2. Extract the zip file and put it under System C
3. Copy the path to Apache24/bin
4. Open the CommandLinePrompt as Administrator
5. Type in “cd <<path-of-apache>>\Apache24\bin
6. Run “httpd.exe”
7. Accept Windows Security Alert
8. Open <http://127.0.0.1/> in the browser
9. Inside the “htdocs” folder (which is inside the Apache24 folder), there is an autogenerated index.html file
10. Now switch the index.html file with our files (inside our source code – copy the content of the folder “OurHbbTvAPP” inside the htdocs folder of Apache24.
11. Open <http://127.0.0.1/index.xhtml> should run the Application
12. IMPORTANT:
    * TURN ON AUTO PLAY for desired webbrowser, else the application wont work
    * TURN ON AUDIO: worked on Firefox, but not in Chrome ! (Right click on the video, Turn audio on)
13. Turn on Hybrid TvViewer

Approach with ARD example:

1. IMPORTANT: TURN ON AUTO PLAY for desired webbrowser, else the application wont work.
2. Enter <http://itv.ard.de//ardstart//index.html>
3. Turn on HybridTvViewer

Add HybridTvViewer in Browser:

1. Download the Code
2. Use Firefox or Chrome, add the extension locally (“Install add-on from file”)
   1. Chrome:
      1. Open Extensions
      2. Load zipped extensions
      3. Select HybridTvViewer from our code

Other tips:

Manipulating the video input = hbbtv.js (LoC:

FastMediaSwitch API is inside hbbobj.js (LoC: