

## Milestones Pre-Integration date:

The singed-off date is updated: 4/Jan/2016

and trickplay. The requirements in this section will also define the video UI guidelines.

2015

Sept

Start date: 06/Nov/2015

End date: 24/Dec/2015

July

## The sign-off date is changed to 22/Feb/2016

Synopsis

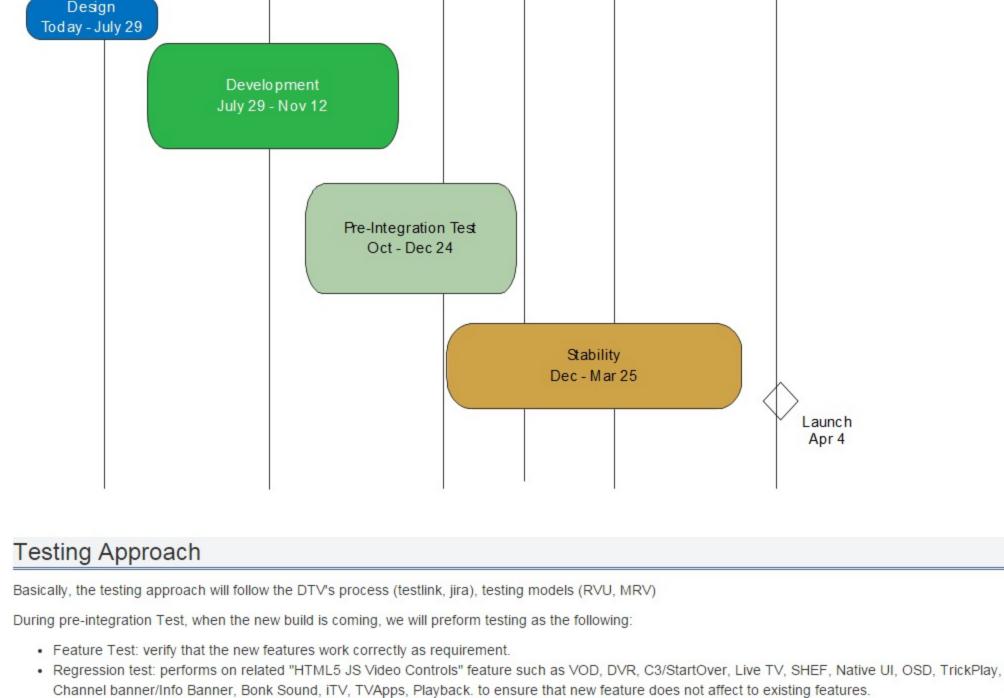
Dec

2016

Apr

Jan

This feature will allow HTML5 applications running on WebKit to control all STB video functions. It will include playing live TV, DVR, VOD, C3, MP4 and HLS video



Documents

**Document Type** 

STB Requirements

Test Plan

System Spec

Other

**Test Data** 

VOD program

LEO NEL feed

iTV applications

MP4

5

6

7

12

bar without focusing on?

Document

HTML5\_JS\_Video\_Control\_TestPlan.doc

Requirements Specifications\_HTML5\_JScontrol\_20150819a(1).docx

STB System Specifications\_HTML5\_JScontrol\_20150819a.docx

**Test Data Description** 

To play VOD program

To play MP4 program

Required test environment

To test specific changes

To display OSD states to the application

To display OSD states to the application

iTV app

C31 C31 C41 Internet **iTV Server** SWM/MoCa Ethernet DECA Splitter 8x1 Router SWM8

Date

11/04/2015

08/19/2015

08/19/2015

Status

CANCELED

WAITING

WAITING

WAITING

WAITING

WAITING

WAITING

CANCELED

Comment

Version 1.3

Version 0.1

Version 0.1

Feedback

Not tested

Not tested

Not defined yet, but priorities 10 and 11

You'll test different playback methods

pulled due to time contraints

See 5, not defined yet

OSD notification.

only time it will display

Anytime the application triggers the TPB, which is the

The test cases will be in the application that is provided.

It is not included, it was mentioned in the PDR but was

screen to display that the application has received the

No labels /

## HLS video To play HLS video C3 program without url To display OSD states to the application

Test Data and Test Tool

VOD program without MaterialID

VOD program with failed segment file

С3 р	rogram without MaterialID	To display OSD states to the application	CANCELED	Not tested	
С3 р	rogram	To play C3 program	WAITING		
Que	estion and Answer				
No	Questions			Feedback	
1	What is the meaning of "Nation	What is the meaning of "Native UI" mentioned in R[2.2.1-2] ?		All DTV UI's n	ot created by webkit
2	R[2.2.1-3]  The STB shall provide the option in the JavaScript layer for the application to terminate itself if required when any case in R[2.2.1-2] is encountered.  => Do we need to test this requirement? Because it belongs to component test. If yes, please update the requirement as we suggest below:  The application will terminate itself if required when any case in R[2.2-2] is encountered. (Javascript does not need to mention in the requirement).		No testing for this. Already available		
3	Please provide us document HTML5 A vocabulary and ass 28 October 2014 http://www.w3.org/TR/html5/e And R[2.2.1-1] does not exist	sociated APIs for HTML and XHTML W3C Reco	ommendation	Not neccessar	ry, nothing for you to test.
4	What is the meaning of "basi	c authorization" that mentioned in R[2.2.2-3] ?	Please describe	STB Authoriza	ation, it is an OSD

	and delivery methods can be supported with the minimum of new development. Are these requirements applied for Development team, so there is no test case mentioned for them? Please help to confirm?
8	Playlist search: this requirement does not exist in "Requirements Specifications_HTML5_JScontrol_20150819a.docx" but it is mentioned in CDR so it is included in this new feature or not?
9	R[2.3-1] The STB shall always display OSDs with type "persistent".  R[2.3-2] When a video app is running, the STB shall suspend the display of OSDs with type less than "priority" by default and notify the app.
	R[2.3-3] When a video app is running, the STB shall display any OSDs if allowed by the app.
	=> Please provide the specific OSDs list for each type (persistent, OSDs are allowed by

What OSDs will be supported for R[2.2.2-6]? Please help us provide list of OSD

In requirement R[2.2.5-2], what cases will be applied when the application displays trickplay

The requirements R[2.4-1] & R[2.2.7-7]: the STB shall define a common framework for

	<ul><li>=&gt; Please provide the specific OSDs list for each type (persistent, OSDs are allowed by app, OSDs with type less than "priority" by default)</li></ul>	
10	R[2.2.1-5] The STB shall allow for the application to use callbacks to ensure a clean shutdown when it is required to terminate itself.  Could you please explain more about the process of callbacks in this requirement?	nothing for you to test.
1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
11	R[2.2.2-6] The STB shall notify the HTML5 application when the OSD appears on screen.	For persistent OSD's, the app is notified of the display.  For other OSD's the application has registered for, the app will handle the behavior. There will be a console on

13	R[2.2.5-1]: How to scrub VOD/C3/DVR/Live when the STB allow app to perform trickplay?
14	R[2.2.5-1]: Can tester select "currentTime+=10", "currentTime-=10", "currentTime=100" buttons on ITV app to perform offset trickplay for MP4, HLS? (These buttons do not work currently.)
15	R[2.2.5-3]: Do STOP/ADVANCE buttons support in this feature?
16	R[2.2.5-4]: How to test this requirement with C3, VOD? (It means in the next build, the app can playback C3/VOD in FULL TEST app, doesn't it?)

=> What will happen when the HTML5 application is notified by STB? Please describe

the specific behavior of HTML5 application in this case.

R[2.2.5-5]: How to test the setting fields in the trickplay bar?

	0. (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
17	R[2.2.6-4]: Does this requirement mean that the trickplay bar will display correctly duration of VOD/C3?
18	R[2.2.1-4]: The STB shall always terminate an application when Native UI starts playback VOD/DVR/C3/MP4
	=> Now when pressing LIST to playback DVR, test app is terminated, no need to wait for the DVR plays. Could we use SHEF command to run this?

In the requirement R[2.2.2-2]: The STB shall report the following video errors to the

application: Link not available

record/download a VOD.

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With current app we cannot do it.

	=> Is this supported in new test app?
20	In the requirement R[2.2.2-3]: The STB shall report the following OSD states to the application: Server Error in start of C3 download
	=> How to set Server Error in this case?
21	In the requirement R[2.2.2-3]: The STB shall report the following OSD states to the application: Insufficient internet speed
	=> OSD about internet speed usually displays when user go to Homepage/Playlist and

R[2.2.1-2]: How to call to channel tune or playback VOD/DVR/C3/ without terminate app?

Are all video types (VOD/MP4/C3/HLS/DVR/Live) supported in new test apps?

e a comment	

Which steps does STB report the internet speed to the app?

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