

Global Open HTML5 Television Innovation and Competition from Everyone.



**GLOBAL HTML5 TELEVISION
IS FOR EVERYONE IN THE U.S.
AND ALL WORLD AREAS.**

To: Tom Wheeler - FCC - From: William Lacy - OGGTV.com

**The Cable Box of the Future Most Likely Will Be a Special HDMI
“Hub” With Access to the Internet Provider’s Cable TV Search,
And Various Online Search Systems Which Can Switch HDMI
Connections from Various Sources With Video Stream URL’s
Automatically Switched From a Separate Data Connection.**

**I Vote For Opening Cable Television Competition to New Technologies
And the Search System on New Cable Boxes, (With a Universal Search
System Which Does-Not Favor any TV or Online Service over Another).**

**(The System Must also Have Access to Alternative Search Systems
Or Search Engines on the Main Menu of the Cable Box).**

**Then the HDMI Connection on the Cable Box Can Correspond to the
Correct Device and Video Stream with a Data or URL Navigation Link.**

**Everyone Now Has the Right to Build Stream-Based TV Services
And “Plug-In” to Main Cable Boxes or Devices With Open HTML5 TV
With Universal Search on Main Cable TV Channel and Show Menus.**

**A User Would Be Able to Switch Between Any Search Engine Which
Can Provide Custom Television Stream Searches, (Yahoo, Bing, Google,
Or Any Search Engine or Information Source In the World).**

**The Most Open System Possible, Will Be the Correct TV Model for the
World to See as the Best Example of Innovation and Competition in
The U.S. Economy Without Anti-Competition Behavior.**

In a World Where Everyone Can Pick-Up Linux and Code Without any Permission from Anyone or any Company, Open HTML5 Television Does-Not Need Permission From Anyone to Operate as a Communication Service on the Internet or any Other Electronic Connection System.

Global HTML5 Television is a Open Web Technology by the W3C and Free Software Individuals and Organizations.

**The Open Video Formats are Free Software Based, Which Everyone Globally Can Use Freely Without Any Restriction.
(Theora, VP8, VP9, Dirac, Daala, Vorbis, Opus and Other New Formats)**

Global HTML Technologies are Open-Source Web Technologies, Which are Not Part of Any Previous FCC Scheme, Design or Concept.

NTSC is a Old TV Technology Which the FCC in the Past Established Jurisdiction Since the Use Required RF Transmission.

Software Which is Designed to Impede Open Competition by Way of Blocking a Video Configuration on Windows or Not Directly Accessing a Video Stream from a Server, (If Advertised as a Open-Internet Program), And Video Format Patent Threats to Weaken TV Competitors, are Some Of the Tricks of the Trade.

There are Many Tricks of the Trade to Block New Television Competition, Which the Top One is Blocking Access to Venture Capital or Financing And Multiple Patent Threats Against Competing Video Formats of New Or Existing Television Competition.

Manipulation of Innocent Individuals to Fight a Competing Situation to Retaliate and Protect Corporate Profits, is a New Low for Business.

As Competition is Extremely Fierce, The FCC Can Boost Innovation By Monitoring the Financing Start of New TV Ventures with Access To Capital, Since It is the Main Controlling Factor for Growth In a TV Marketplace Which Anyone can Build and Start Without FCC Licensing.

With Global HTML5 Television, Some Corporations Block Access to The U.S. Marketplace and Capital for Competitors, Which Weakens Overall U.S. Business Innovation and Strength on a Global Stage.

While the FCC Cannot Require a FCC License on Open HTML Technologies, Overall Competition on TV Sets of Any Type Which are Transmitted in Any Way to the User, Can be Financially Blocked by Influencing a Venture Capital Company, Financial Institution, And Non-Compete Jurisdiction Area Courts to Protect a Large Corporation or Industry Against a New Competing Service or Technology on the Horizon.

Global Open HTML5 Television is a Global Web / HTML Technology Which Cannot be Stuck in the Mud With No Traction with U.S. Regulations, Court Decisions And Failed U.S. Business Initiatives Like Startup America.

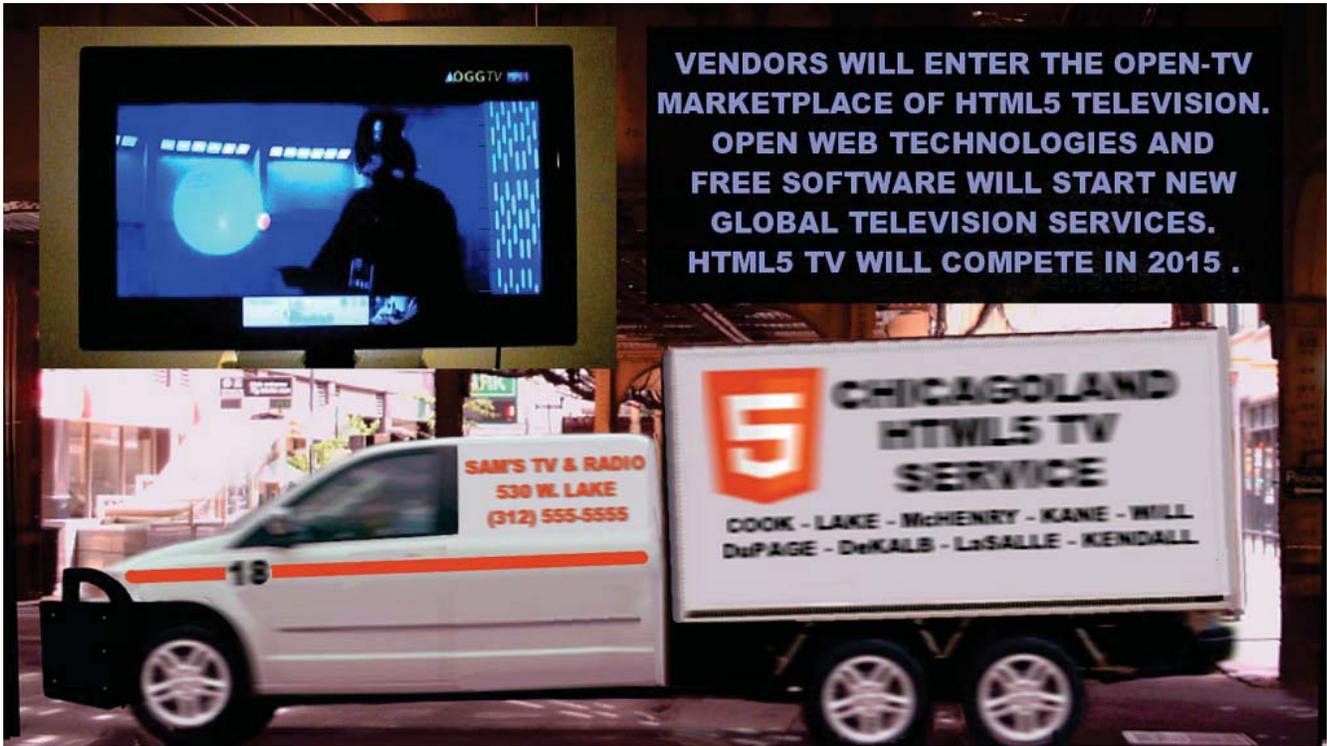
Global Open HTML5 Television is a Situation Which World Areas Will Compete Globally on the Web for Television Access.

Opening Cable Box Search Systems To HTML5 Television Services Will Allow Everyone to Build Television Services With No Cost Barriers Or FCC Licensing Costs or Requirements, And Build Innovation On the Web for the U.S. To Compete Globally In New Technologies.

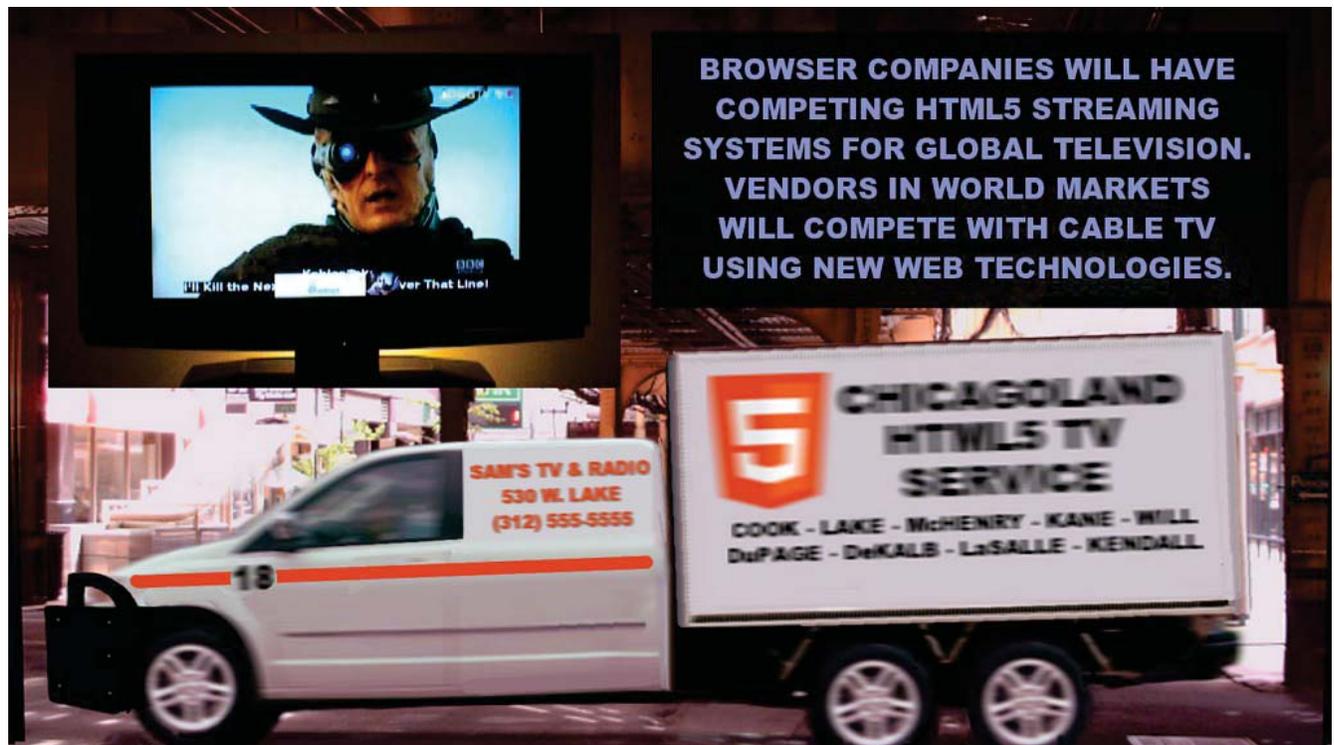
I Have Already Predicted HTML5 Television Would Compete With Conventional TV, Which Many Vendors Would Enter the Marketplace With a Powerful Challenge To Cable and DTV.



The Powerful Challenge to Conventional TV Was Already Predicted in 2014 With a Open-TV Marketplace of Possibly Hundreds or Thousands of New HTML5 Television Vendors Competing in the Marketplace.



Web Browser Companies are Well Aware of the Impact of HTML5 Television In Global Media Markets and the U.S., Which Will Influence World Stocks.



HTML5 Television Already Has the Capability to Surpass Conventional TV Technology and Will Create Thousands of Jobs for Everyone for Technical And Media Support Without the Excessive and Prohibitive Costs for Entry And Equal Participation in the Marketplace.

The Two TV Sets Show Closed Captions from Both HTML5 Television on The Left (OGGTV) and Conventional Broadcast (PBS) on the Right.

The Closed Captioning Technology for HTML5 TV is WebVTT or a Custom Javascript Option in Some Situations.

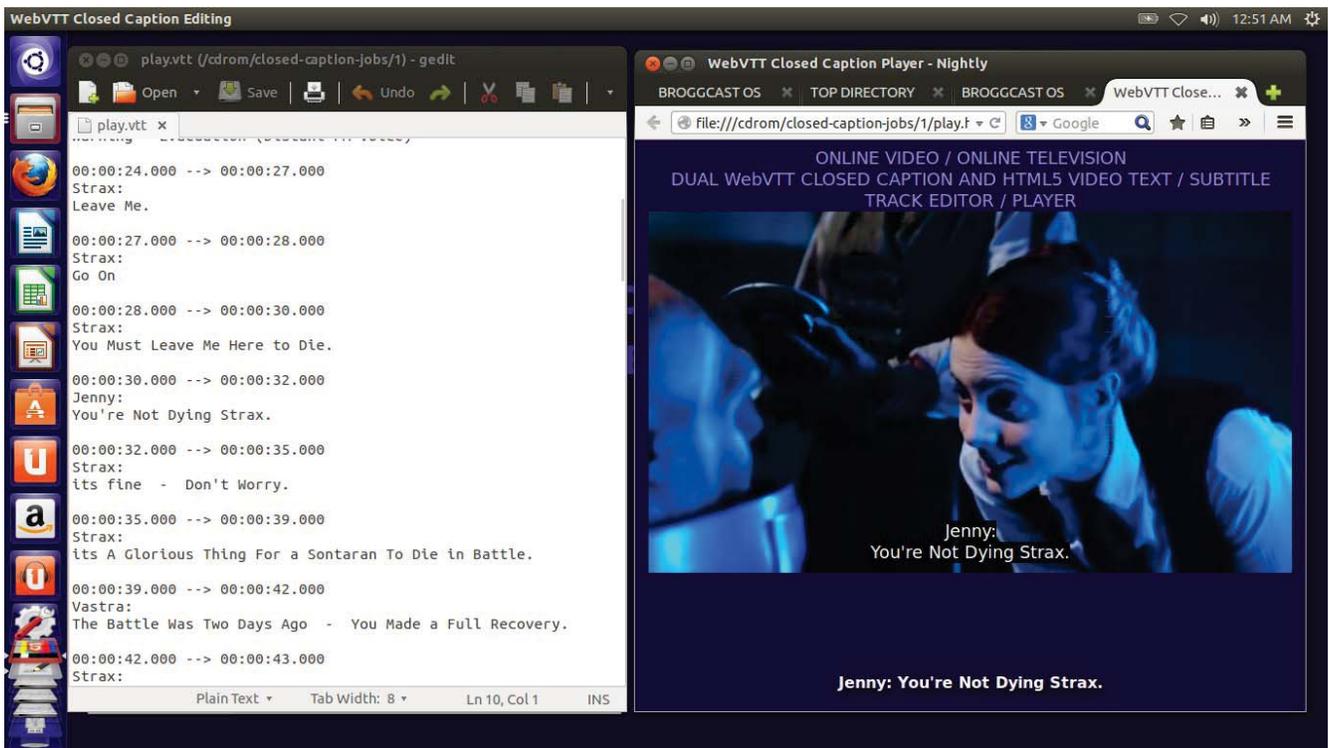


Thousands of Captioning Jobs With Hundreds or More HTML5 Television Services With Several Languages, Will be Paid For With Public and Private Funds Under New Employment Initiatives by the FCC, Which is a New Emergence of Tech Jobs Available for Everyone in the U.S. Population.

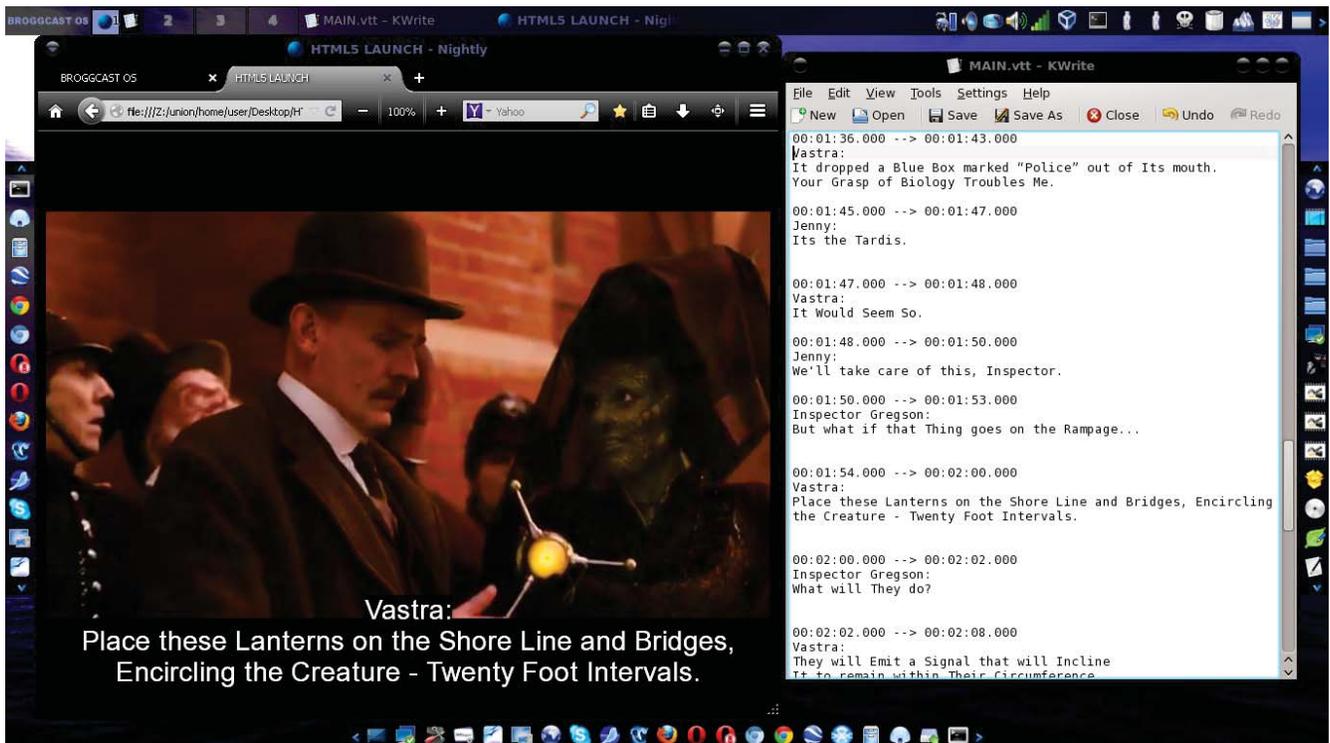
As TV Technologies Become More Advanced, Innovation Will Create Jobs To Support the New Technologies.

Global Open HTML5 Television Will Create Thousands of Jobs World-Wide, Which the U.S. Has to Compete With by Upgrading TV Access to the Web, Or Be Left Behind Other World Areas With New Media Technologies.

WebVTT Closed Caption Editing on a Modded Version of Ubuntu On a USB Bootable Flash Drive, For Mass Closed Captioning Jobs Required to Comply With FCC Online Video Accessibility Rules.



WebVTT Closed Caption Editing on Linux



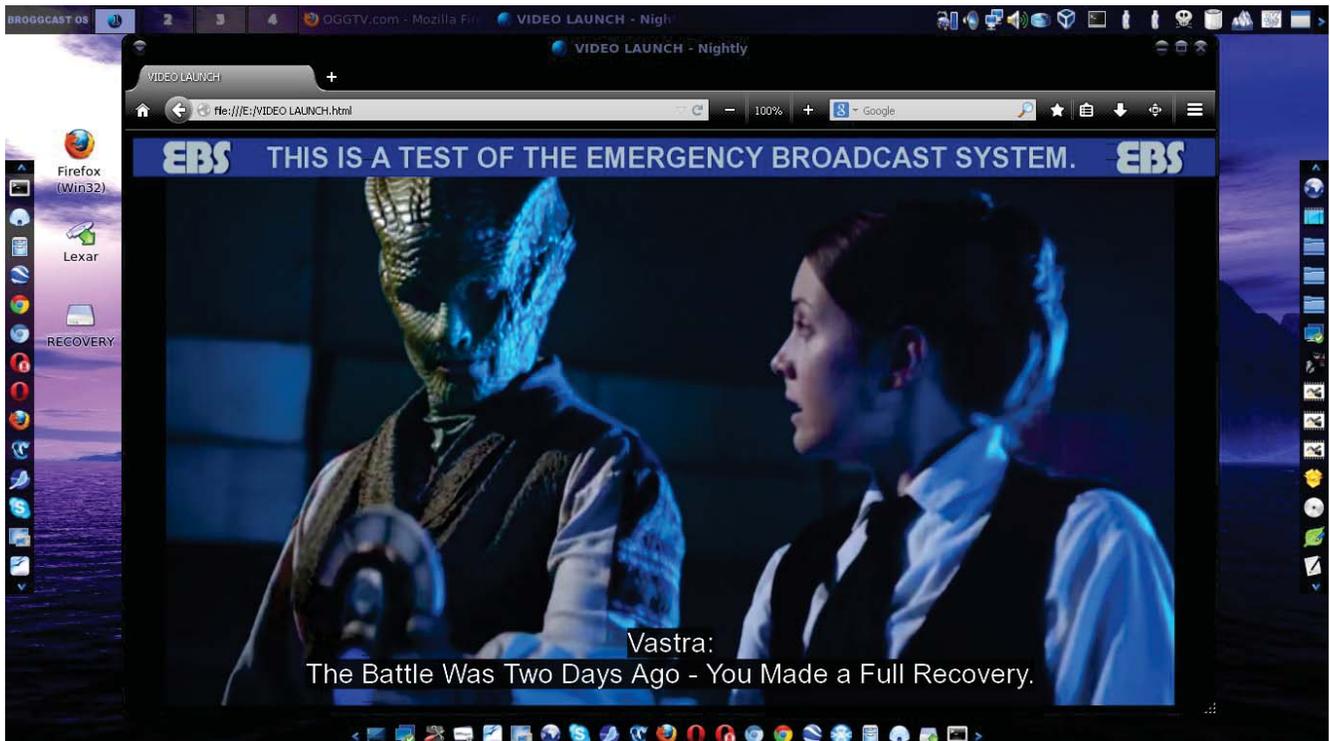
HTML5 Television Can Also Have an Emergency Alert Overlay Back-End Available to The National Weather Service, Amber Alert Officials, National Emergency Messages, Etc... (Which Works Partially Like a Ad Server).

With a Combination of PHP, FFmpeg and Voice to Text, A Governmental Agency Can Type a Weather or Other Emergency Message on a Text Input, On a Secure Web Page Which Will be Converted to Text on Image by PHP, Then Text to Voice (Or a Uploaded Audio File), Then the Frames are Converted to a Overlay Video With Sound and Beeps by FFmpeg and Placed on the Appropriate File Which is Constantly Refreshed by The Browser.

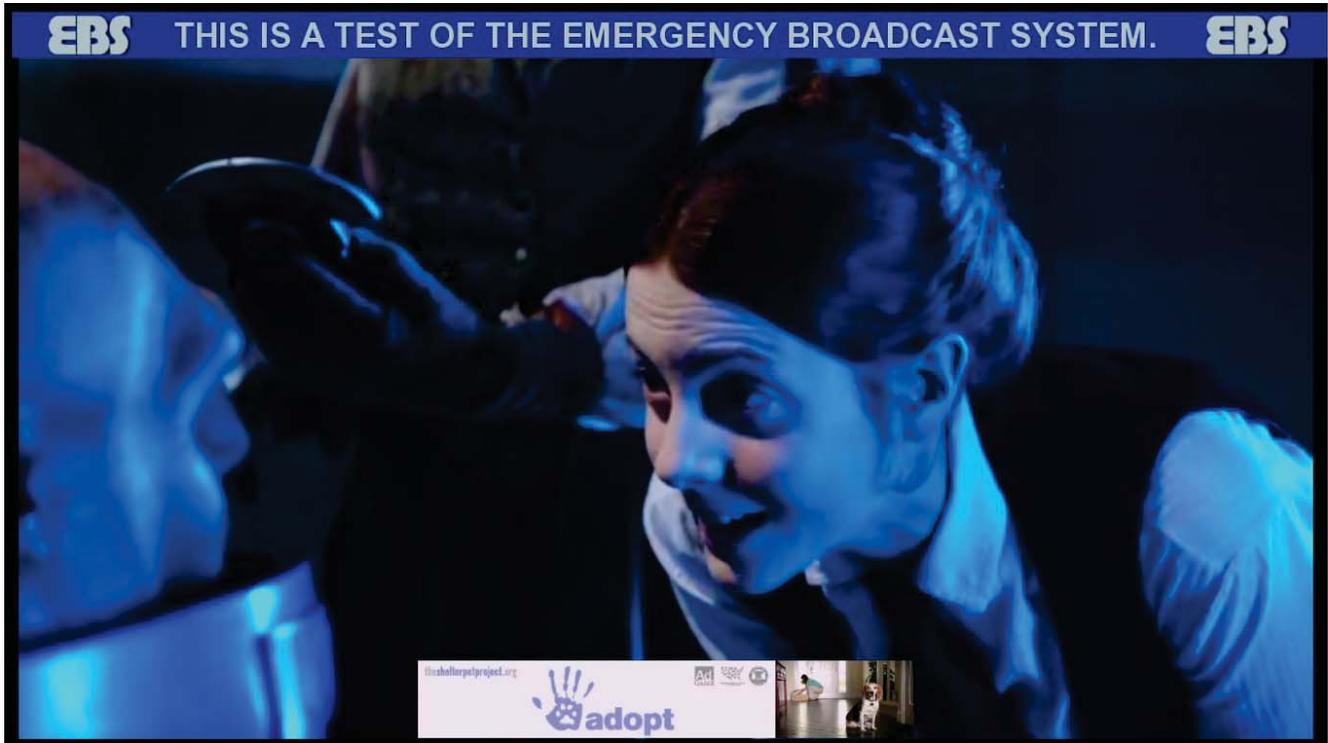
Or a Custom Designed Overlay Can Be Uploaded to a Special Server by A Governmental or Non-Profit Agency.

(The Only Problem is Geo-Location Scripts Are Not Allowed by Some Governments, Which a Forced FCC Emergency Rule Would Get Online HTML5 Television Services Blocked in Various Global Media Markets).

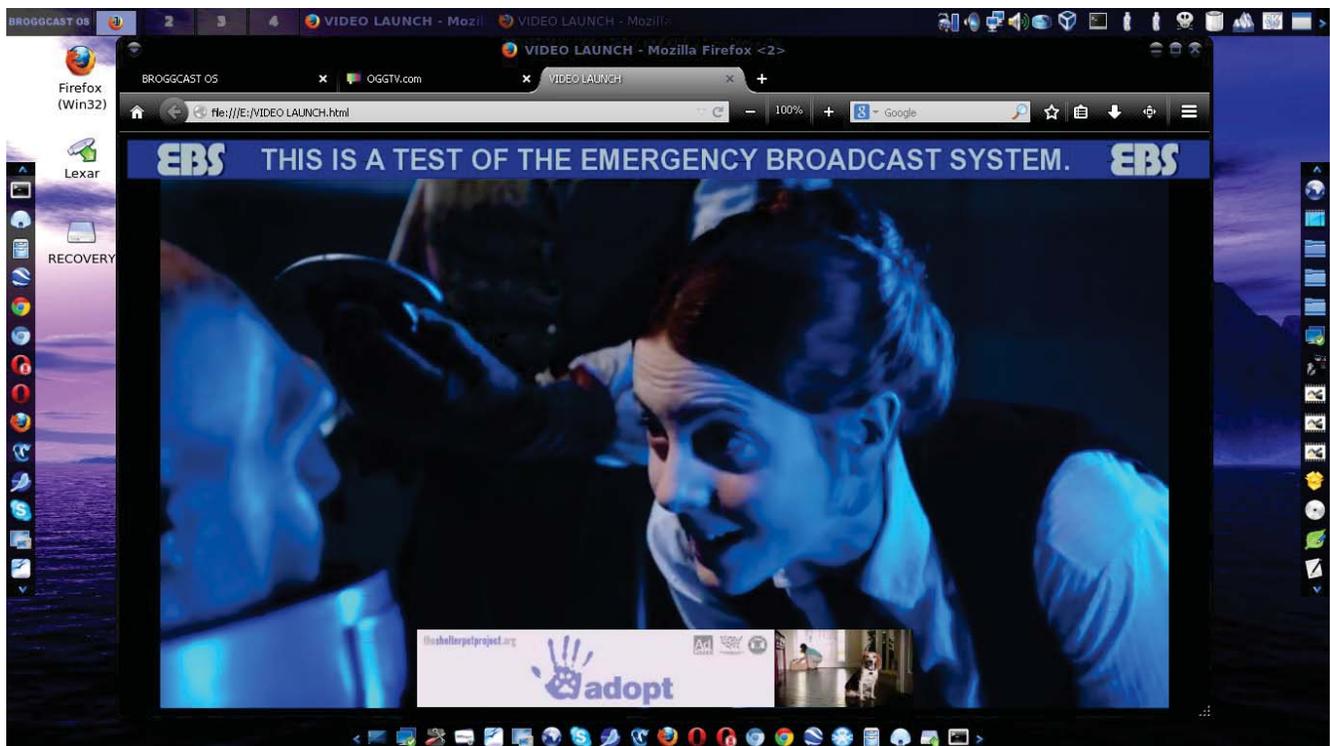
The Emergency Overlay Option Should Be Designed Without Geo-Location Which the User or Browser Can Manually Select the Area Without Querying A Server With Geo-Location Tracking.



**The FCC Can Start Financial Incentives for a Working Group To Design a Standard HTML5 Emergency Overlay Broadcast System Which Will Work On Various HTML5 TV Services, YouTube, Netflix, OGGTV, Etc...
HTML5 Television Emergency Overlay Example (Full-Screen).**



HTML5 Television Emergency Overlay Example (In-Browser).



The U.S. Government Already Uses HTML5 Television to Broadcast Ideas, Events and Legislation in the Form of YouTube Channels. The President's Speeches are Streamed on the Free-Software Based Vorbis Digital Audio With Google's Open VP8 and VP9 Video Formats.

The screenshot shows the YouTube channel page for 'The White House'. The channel banner features a view of the White House. The channel name 'The White House' is displayed with a subscriber count of 693,810. Below the banner, there is a video player showing a video titled '"The Mentorship" feat. POTUS and St...'. The video player includes a progress bar at 1:10 / 1:10 and a 'Subscribe' button with 693K subscribers. To the right of the video player, there is a 'Related channels' section listing CNN, TestTube News, Ruptly TV, U.S. Department of..., and Fox News. The left sidebar contains navigation options like Home, Trending, and categories such as Music, Sports, Gaming, Movies, TV Shows, News, Live, Spotlight, and 360° Video.

The FCC Already Uses HTML5 Television Access to the Public With its YouTube Channel Which Uses Google's Open VP8 and VP9 Video Formats.

The screenshot shows the YouTube channel page for 'fccdotgovvideo'. The channel banner features a photograph of the FCC building with the FCC logo overlaid. The channel name 'fccdotgovvideo' is displayed with a subscriber count of 1,566. Below the banner, there is a video player showing a video titled 'Consumer Broadband Labels Announcement'. The video player includes a progress bar and a 'Read more' link. To the right of the video player, there is a 'Popular channels' section listing The Young Turks, The Alex Jones Cha..., CNN, Secular Talk, and TestTube News. The left sidebar contains navigation options like Home, Trending, and categories such as Music, Sports, Gaming, Movies, TV Shows, News, Live, Spotlight, and 360° Video.

The U.S. Government is Already on Open HTML5 Television Via YouTube.

A Lot of People Already Stream TV from a Laptop, Especially With More Internet Subscriptions Than Cable TV.

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OGGTV, Netflix, YouTube and Others Already Use Some of the Same Open Video Formats With VP8 and VP9 the Most Widely Streamed.



The Open Video Formats Which are Free-Software Licensed, Are HTML5 TV / Video Streaming Formats Used Globally.

Linux, Which is the Base System of Almost All TV's, Phones, Tablets, And Many More Connected Devices to Come, Is Also the Base System Of Android Phones and Devices.

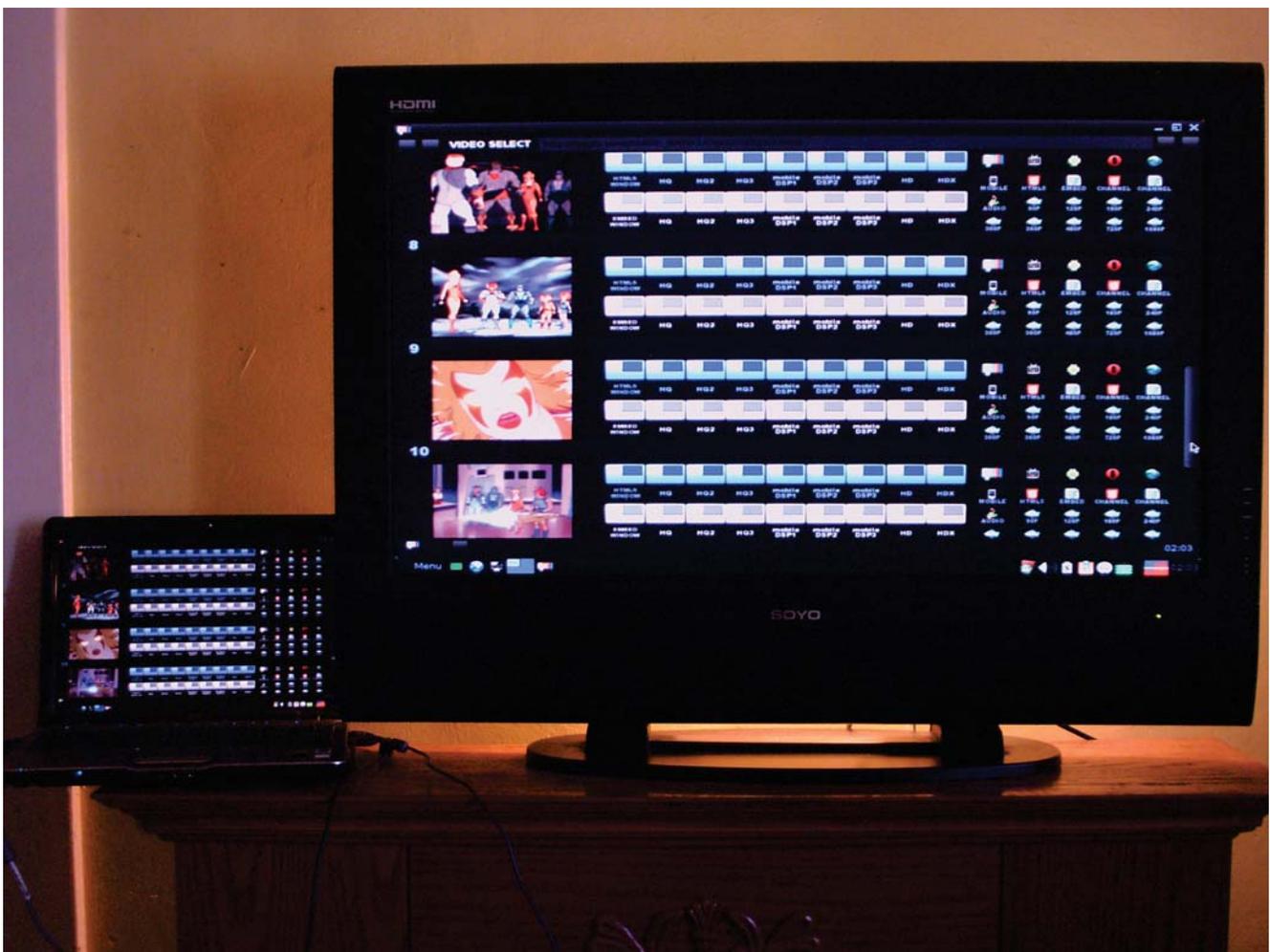
Almost All HTML5 TV Boxes to Come Will Be Linux, With Windows Also Rendered on TV Sets Using Various x86 Computer Boards.

Linux and Windows Computers Will Be the Major HTML6 TV Appliance.

All HTML5 Television Services Have a Menu System, Which is Needed To Correctly Navigate a HTML5 TV Service's Video Playback System. YouTube, Netflix, OGGTV and Other Online TV Services Have Their Own Custom Navigation and Option System Which Will Be Rendered on The TV Screen After Selecting the Video From the Cable TV Menu's Search System.

Since HTML5 Television Has Multiple Video Formats, Resolutions, And Several Streaming and Playback Options, The User Can Control The Experience Far Better than Single-Ended Conventional TV.

A Public Which is Accustomed to Watching Online TV from a Computer Or Laptop With a VGA or HDMI Video Connection, Will Not Accept a Old Style Cable TV Box Menu, While HTML5 Television Will Have Advanced Menu Systems With Navigation and TV / Video Playback Options.



A HTML5 Television Sub-Menu With Various User Options (OGGTV).

HTML5 Apps on a TV Box.

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Open HTML5, Mobile Phone, Tablet and TV Apps Have Been Available For Some Time, Which More Devices and Appliances Will Have in the Near Future. The FCC Will Eventually Learn About Cross Platform HTML5 Apps as the Only System Which Can Work Across Several Mobile, Tablet, Web-Browser, Desktop and New Smart-TV Systems.

Open HTML5 Apps on Linux (Enyo-Ready Directory ...

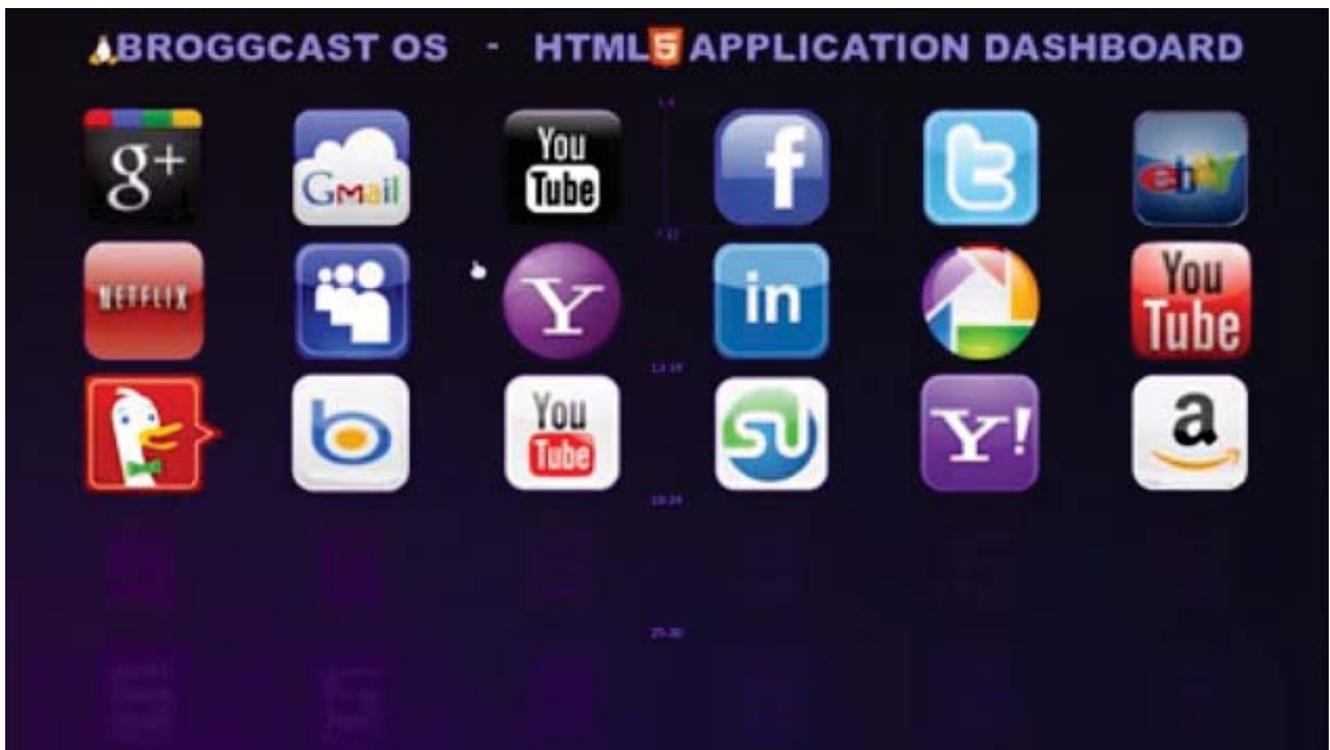


<https://www.youtube.com/watch?v=ldBmtQMIuDo> ▾

Mar 2, 2012 - Uploaded by BROGGCASTdotcom

It is time for Linux Distros to have a HTML5 Application Directory which runs Directly from a New HTML5 ...

Open HTML5 Application Dashboards Available to All HTML5 TV Boxes, Is Pure HTML5 for Compatibility With All Smart-TV Browsers to Navigate. (Along With Any Other Smart-Phone, Tablet, Device or Computer).



Open HTML5 App Compatibility Across All Computers, TV's and Devices, (As the FCC Will Learn), Is the Only Way All Devices Will Be Compatible.

The FCC Has to Uphold TV Competition With Real Access to Capital For Business Innovation in the Marketplace from Everyone. With Startup America Gone, The FCC Has to Prove Itself With Actual Access to Capital to Be Taken Seriously this Time. The Strong Possibility of Failure Like Startup America, Will Damage The FCC as Just a “Lot of Talk” from the U.S. Government, While HTML5 Television Innovation Will Continue in Other World Areas.



Without Access to Capital for New TV Competitors, the FCC's Opening-Up Cable TV Competition Would Only Be Words From The President About Open TV Competition With No Action.

If the FCC Fails Like Startup America With Only Talk and No Real Access to Capital, The FCC's Authority Would Be Reduced And Ignored By the Public as a Failed Obama Initiative.

Only a Real Access to Capital to Compete in the TV Marketplace, Would Be Acceptable in the Minds of the Public this Time.

All of the HTML5 Television Innovation Came Before this Initiative From the Developer's Own Funds, Not the U.S. Government.

Abandoned Initiatives With the Same Talk of Business Competition, Will be Carefully Considered by the Public this time, As a Possibility Of Failure Like Startup America.

the WHITE HOUSE PRESIDENT BARACK OBAMA

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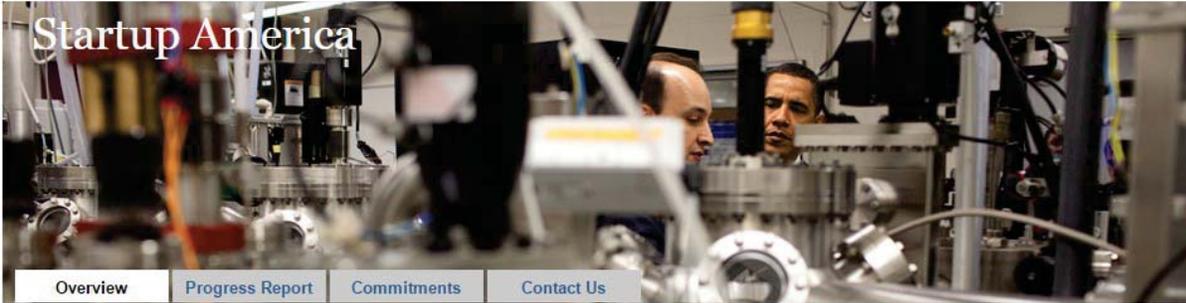
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Startup America is a White House initiative that was launched to celebrate, inspire, and accelerate high-growth entrepreneurship throughout the nation.

Entrepreneurs Demonstrate their Innovative Ideas at the First White House Demo Day

With HTML5 Television Serious Business, The FCC Has to Be Serious With Access to Business Capital for TV Competition in the Marketplace.



William Lacy - OGGTV.com