



**Livestreaming Curriculum**  
Colorado Municipal League conference  
Wed June 17<sup>th</sup>, 2015

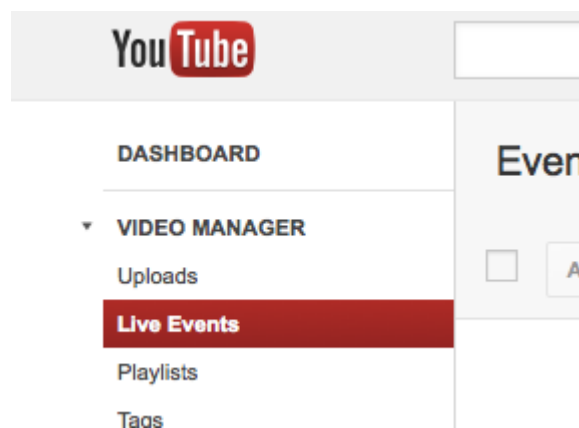
**Contact:** Brandon Stiller [Brandon@openmediafoundation.org](mailto:Brandon@openmediafoundation.org)

## Livestreaming with YouTube and Google

To do Livestreaming with YouTube, you will need a YouTube account, which you can associate with your Google account.

Some of the great Google Apps now available are: Gmail, Calendar, Drive, Docs, Hangouts, AdWords, Analytics, other [Enterprise Apps](#), and YouTube Live.

Google and YouTube regularly update the sign-up process, so we will not outline specific steps here but, step by step instructions are available here: <https://support.google.com/nonprofits/>



You will need to activate Live Events for your YouTube account.

## Using Google Hangouts

You and your co-presenters must have a Google+ account. You and your co-presenters will also need a webcam and headphones on your computer.

1. Go to YouTube.com
2. Click on the drop-down menu next to the wheel icon in the upper right of the screen
3. Click on Live Events on the left side of the screen (if you do not have this option, you may need to enable Live Events for your account)
4. Click on the blue Create live event button
5. Give your event a name
6. Select Public, Unlisted or Private
7. Under Type, select Quick
8. Click on the blue Go live now button

Your Hangout has now begun, but you are not yet live on the air.

1. Invite your co-presenters (10 maximum) by clicking on the Invite People icon on the top center of the screen
2. Change your co-presenters microphone and video settings using the Control Room controls
3. Click the green Start broadcast button to begin broadcasting
4. Click on the Links button in the bottom right corner of the screen to get the link to share with your viewers (via Facebook, etc.)

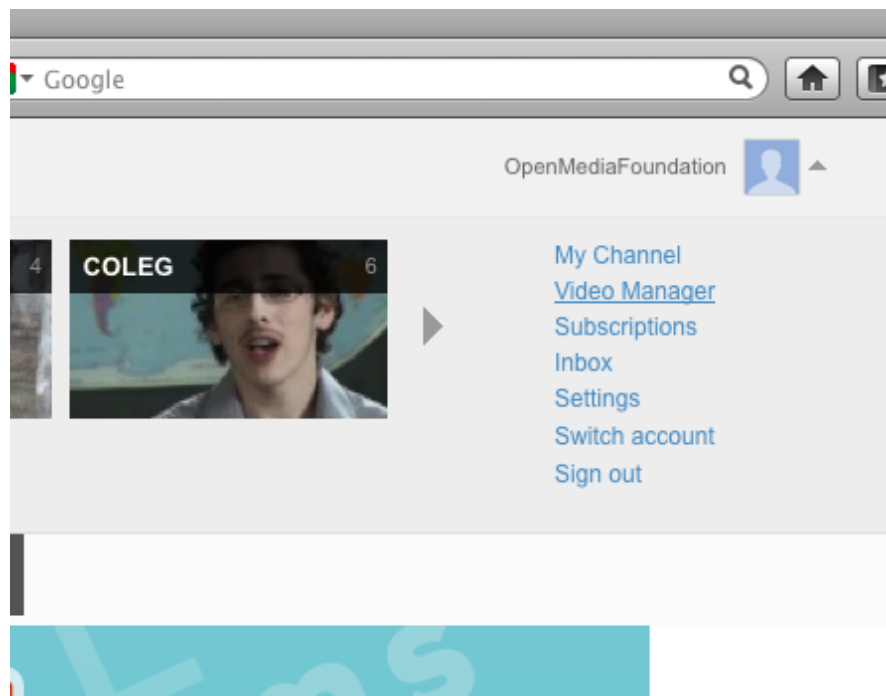
## Using YouTube Live and Wirecast

### Setting Up YouTube Live Event

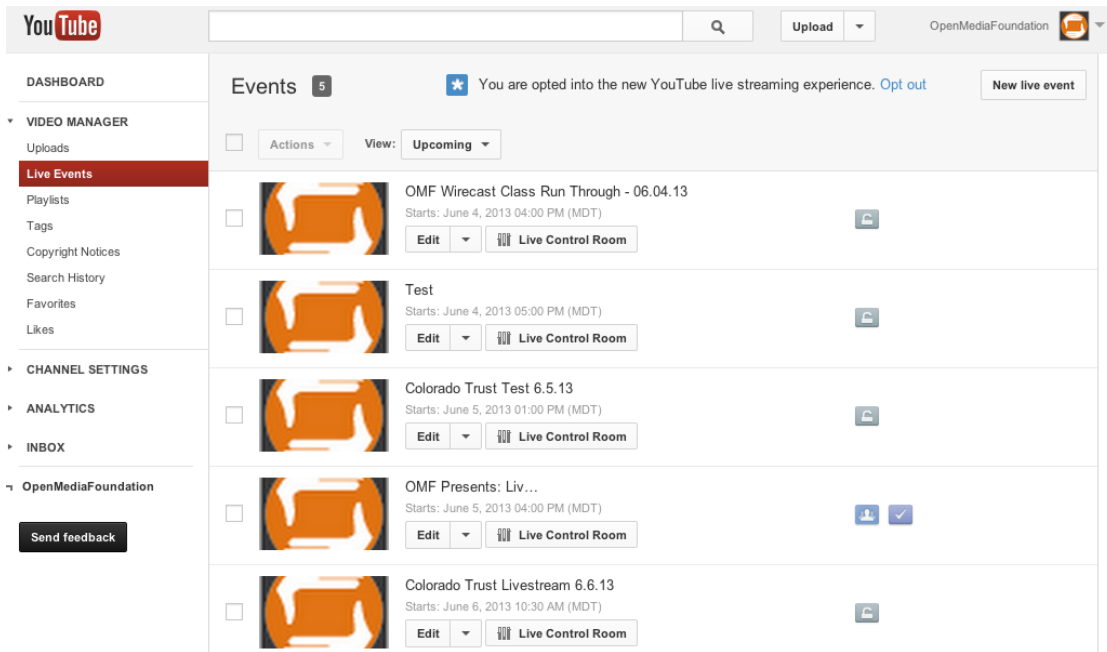
We will now walk through the steps required to set up an event in YouTube for your live stream, how to download the free software (Wirecast for YouTube) they provide, how to hook up your camera(s), get audio, and start live streaming!

**STEP 1. \*\*SET UP EVENT FIRST - then get Wirecast for YouTube (you only need to install Wirecast For YouTube once per machine).**

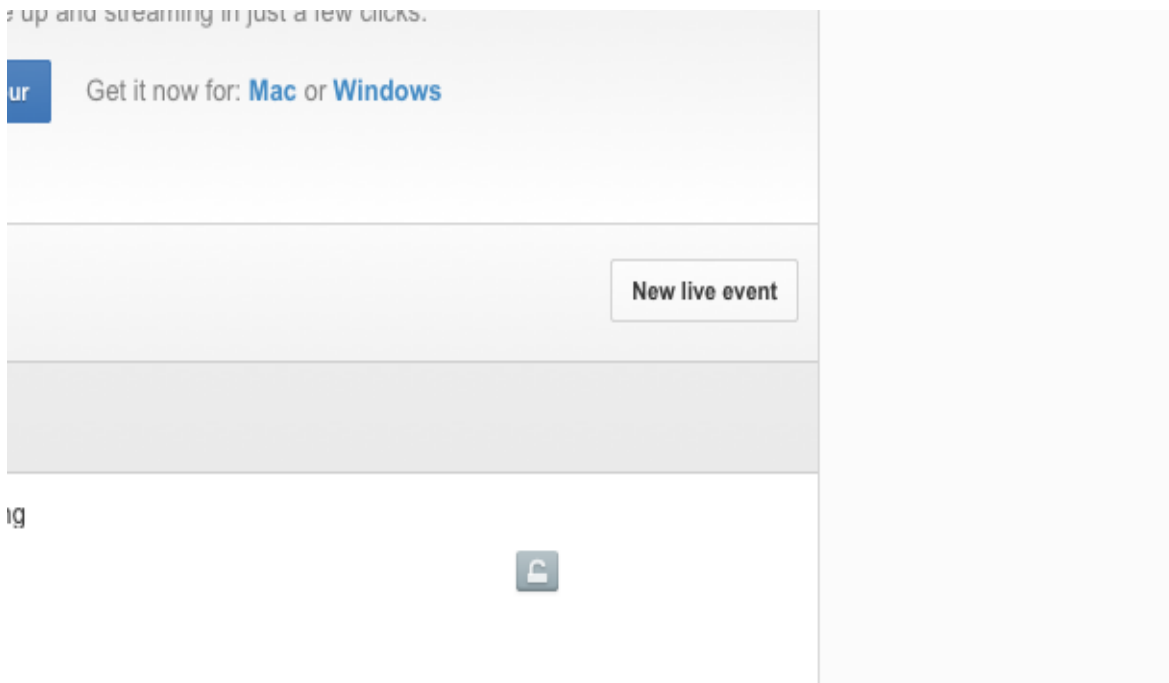
1. Click the icon at the top right and when the drop down menu appears, select “Creator Studio” and then select “Video Manager”



2. On the left, select “Live Events”



3. On the right side of the screen, select “New Live Event”



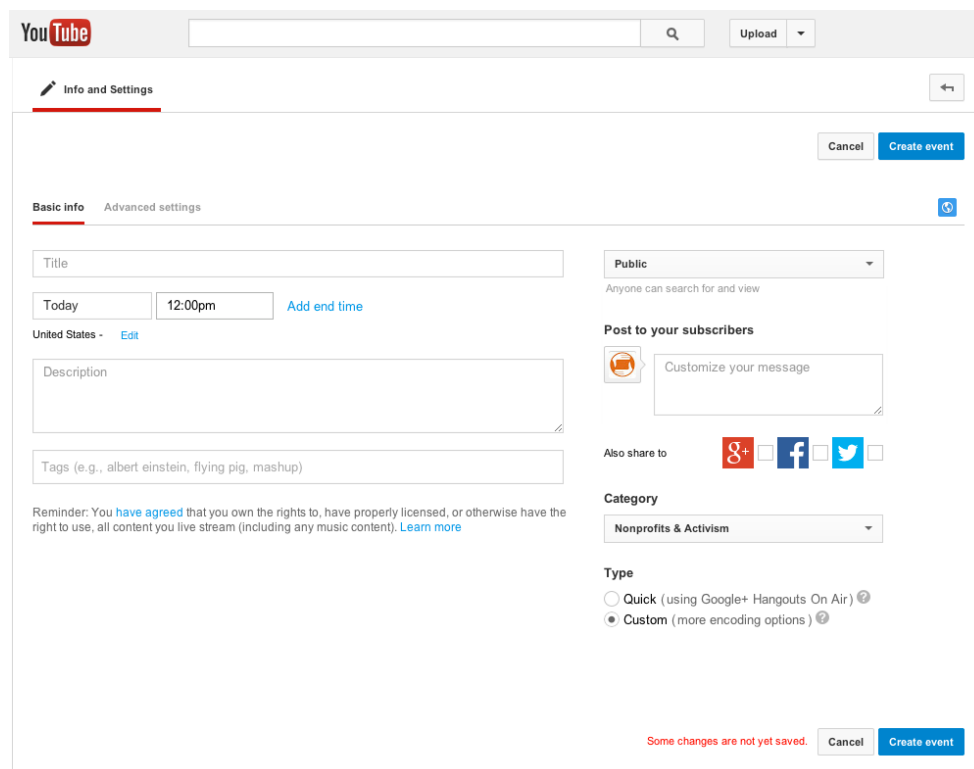
4. You will then be taken to the Create a new event page (Below).

## **Info and Settings Page**

\*THERE ARE 2 TABS within Info and Settings YOU HAVE TO FILL IN BEFORE MOVING TO THE NEXT PAGE - Basic Info, and Advanced Settings

### **Basic Info tab**

5. Give the Event a **Title** (*[Your Name]'s Livestream*)
6. Set **Start**: set to the time the event will begin.
7. Add **End Time**: set to the time the event will end. (Optional)
8. Set **Privacy** to what best fits your needs. Per YouTube:
  - a. **“Privacy Settings - Only public events will appear on your channel and search results. Choose *unlisted* or *private* for test events.”**
9. Add a **Description** for your live event, if you'd like to.
10. Set **Category** to what best fits what you're doing - we recommend Nonprofits & Activism
11. Add **Tags**, if you'd like to.
12. Choose **Custom** under “Type”



The screenshot shows the YouTube 'Info and Settings' page for creating a live event. The page is divided into two tabs: 'Basic info' (selected) and 'Advanced settings'. The 'Basic info' tab contains the following fields and options:

- Title:** A text input field.
- Start:** A date and time selector showing 'Today' and '12:00pm', with an 'Add end time' link.
- Location:** A dropdown menu showing 'United States' with an 'Edit' link.
- Description:** A large text area for entering the event description.
- Tags:** A text input field for entering tags (e.g., 'albert einstein, flying pig, mashup').
- Privacy:** A dropdown menu set to 'Public' with the subtext 'Anyone can search for and view'.
- Post to your subscribers:** A checkbox and a text area for 'Customize your message'.
- Also share to:** Checkboxes for social media sharing (Google+, Facebook, Twitter).
- Category:** A dropdown menu set to 'Nonprofits & Activism'.
- Type:** Radio buttons for 'Quick (using Google+ Hangouts On Air)' and 'Custom (more encoding options)'. The 'Custom' option is selected.

At the bottom of the page, there is a red warning message: 'Some changes are not yet saved.' and two buttons: 'Cancel' and 'Create event'.

### **Advanced Settings tab**

13. **Comments:** Choose if you'd like to allow any of these options, and make sure they are checked - or disable them by unchecking them.

14. **License and rights ownership:** Decide how you'd like to license the content of your live stream. A Standard YouTube License means you own the content and others can't use it without your permission. Creative Commons – Attribution means you're pre-authorizing others to be able to use it, but they'll need to attribute you.
15. **Caption Certification:** Select the option that best applies to you.
16. **Distribution Options:** This determines if the stream can be embedded other places besides YouTube. If you are going to embed the live stream on your organization's website, check Allow Embedding.
17. **Promotions:** Choose if you'd like to promote the stream on your channel page.
18. You can choose to record the **Location** and **Date** of the live event if you wish.
19. **Recording:** Your event will be automatically recorded, you can choose if you'd like to make private once the event has ended.
20. **DVR:** Choose if you'd like viewers to have seeking abilities.
21. **Broadcast Delay:** If you'd like you can add an additional delay.
22. Select **"Create Event"** [you may need to select "Create Event" twice, as it may think you are trying to change syndication settings (when, in fact, you are not).]

Info and Settings

Cancel Create event

Basic info **Advanced settings**

**Comments**

Allow comments All

Users can view ratings for this video

**License and rights ownership**

Standard YouTube License

**Syndication**

Everywhere

**Caption certification**

Select one

**Distribution options**

Allow embedding

**Promotions**

Promote on my channel page When the event is live

**Age restrictions**

Enable age restriction

**Video location**

Search

**Recording date**

Today

**Video statistics**

Make video statistics on the watch page publicly visible

**Recording**

Automatically make private once the event has ended.

**DVR**

Enable DVR (The ability to seek back will be available during the first 12 hours of your event)

**Broadcast delay**

No delay

Some changes are not yet saved. Cancel Create event

## Ingestion Settings Menu tab

23. **Choose maximum sustained bitrate of your encoder:** This is dependent on the processor power of the computer you're using and also on the speed of the Internet connection you're using.
24. Select the drop down menu under **Select your encoder** and choose Wirecast for YouTube
25. If you haven't already, click the download link for Wirecast for YouTube for Mac or Windows PLAY version (FREE), depending on what operating system you're using...and install.
26. **Closed captions:** Checking this will allow you to enter and broadcast Closed captions, which requires a supported vendor and/or software.

**Event successfully saved.**

### Wirecast Class

**Choose maximum sustained bitrate of your encoder \***  
Select a range that corresponds to the maximum sustained output your encoder provides.

- Basic ingestion
  - 500Kbps - 2000Kbps (480p)
- Custom ingestion ?

**Select your encoder**  
YouTube Live provides support for a variety of encoders. Select one of the encoder options below and follow the instructions.

Wirecast for YouTube

- 1. Download and Install**  
Download and install the software package for your operating system.  
[Mac](#) | [Windows](#)
- 2. Log in with your YouTube ID**  
Using your YouTube channel name and password, log into Wirecast for YouTube.
- 3. Connect to your event**  
From within Wirecast for YouTube, click the "Connect to YouTube" button near the top and select your event from the menu. Then choose the Wirecast options to select video and audio sources and broadcast.
- 4. Start your encoder**  
In your encoder, start sending us your video stream.
- 5. Go to the Live Control Room.**  
You can preview and start your event from the [Live Control Room](#).

**Closed captions**

Enable captions (requires supported vendor/software)

**STUDENT STEP 1. NOW YOU WILL SET UP A YOUTUBE LIVE EVENT USING THE STEPS WE JUST COVERED.**

**STEP 2. SET UP WIRECAST AND CONNECT CAMERA.** We'll now switch to the steps needed for setting up Wirecast for YouTube PLAY. Then we will return to the YouTube Live Event.

**Wirecast for YouTube (PLAY):**

There are currently three versions of Wirecast available: Play (which is the free, Wirecast for YouTube version available to YouTube account holders with Live Streaming enabled), Studio, and Pro. This curriculum will focus on **Wirecast for YouTube Play**.

After creating your event in YouTube through the steps we've just outlined, you'll need to connect your camera and launch Wirecast for YouTube.

**\*Note: If you have an HD camera, Wirecast for Youtube PLAY will create a watermark over your shot. For using Wirecast for YouTube PLAY, you can only broadcast in DV (standard definition).**

Here are screenshots of setting a Z5U to DV (we're setting it to wide, which is also known as anamorphic, and is a 16:9 format – the same ratio as HD...but in DV).



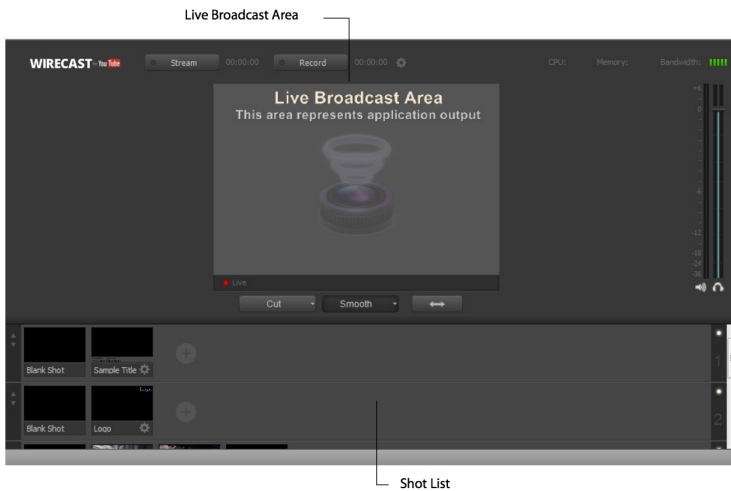
1. Set your camera to DV (standard definition) before plugging your camera in. This is an Edition limitation and can be resolved by purchasing Wirecast Studio and the HDV plugin (or using DOM's equipment).



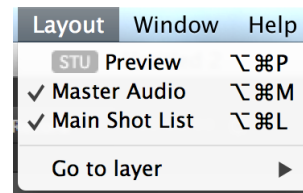
2. Connect your camera.
3. Launch Wirecast For YouTube.

## Layout

Wirecast is split into two main sections: The Live Broadcast Area at the top, and the Main Shot List Window at the bottom.



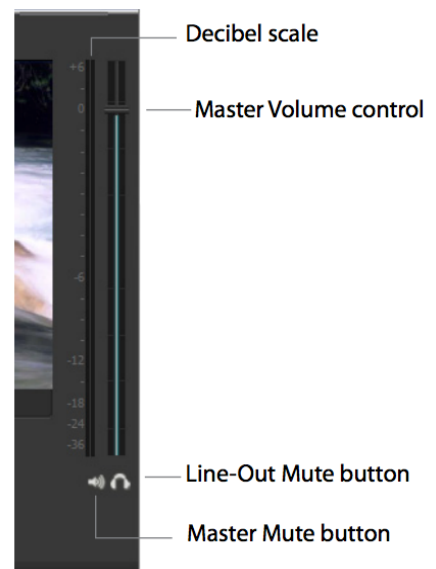
In the Layout Menu at the top of the screen, you can select which windows are visible.



You'll notice that some options have an **STU** icon. This means that that particular feature is available in the Studio version of Wirecast, not Wirecast for YouTube.

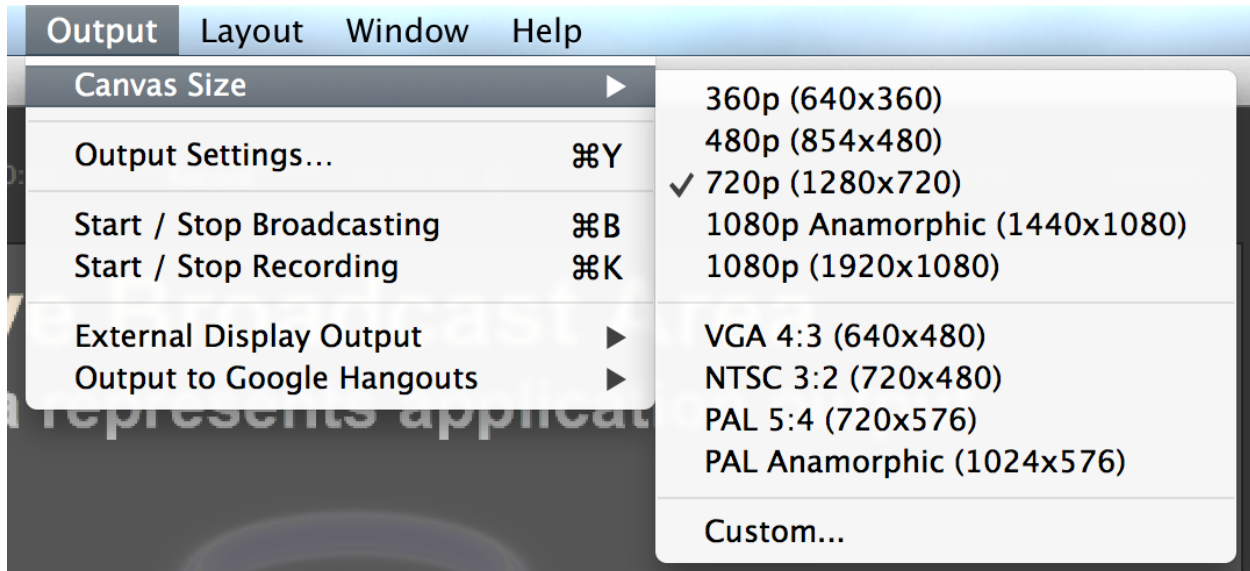
To the right of the Broadcast Area, you'll see your master audio meter.

Clicking the speaker mutes all output. Clicking the Headphone icon maintains broadcast output, but mutes the speakers and/or headphones only.



## Setting your Canvas Size

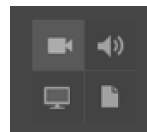
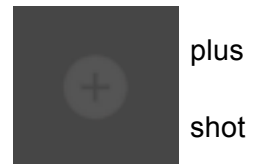
Ideally, this should match the resolution you are streaming in. If it does not, your video may have black on the top and bottom, or left and right.



## Adding Shots

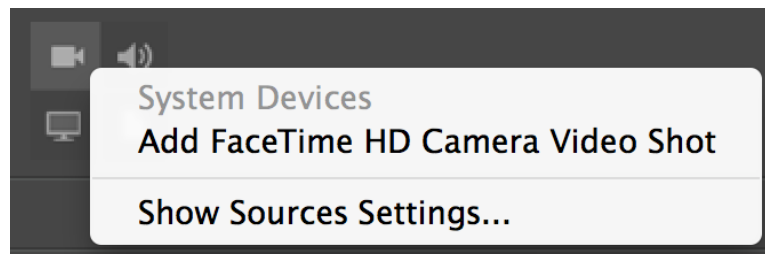
Shots in Wirecast can be images, videos, cameras, another desktop or a section of your own desktop.

In the Shot List Window, on the default layer (layer 3), You'll notice a small sign. This plus sign provides access to lives sources, file sources, the Desktop Presenter program, shot graphics, shot audio, and shot templates.

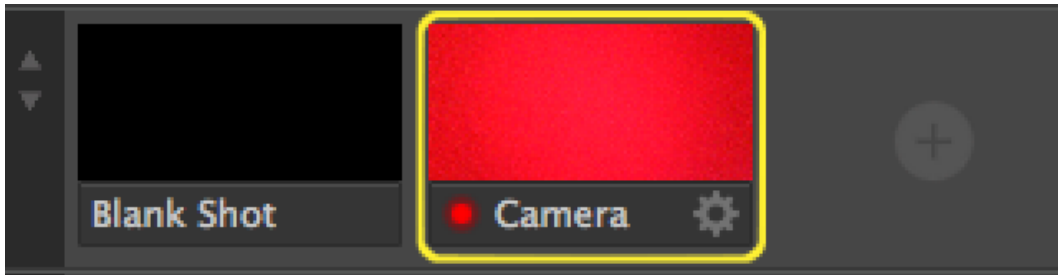


Hovering over the plus sign reveals a menu.

Clicking the Live Sources icon will open a menu prompting you to choose a live source to add to your Shot List Window.



Click the Live Sources icon and add your camera by selecting it in the drop down menu.

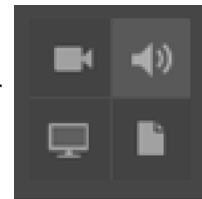


Clicking once on the your newly added shot will display the shot in the Broadcast Area.

**\*When broadcasting, anything you see in the Broadcast area will be seen by the viewers of your livestream.**

With the Z5U, and many other cameras that you connect with FireWire, the audio and video are carried together, and you are not required to add an audio shot. If you are using an external audio source such as a soundboard or PA system, you will need to add an audio source.

Hover over the plus sign, choose the Audio Sources Icon, and choose your Audio/Microphone Shot.



In a moment we will link our Audio Shot to our Video Shot.

**\*A good audio source (from a mixer or PA system) should go directly into your camera if that option is available, so you can record the audio with the video to tape) or into your computer's input jack (this second option only sends the audio to the live stream, which, if you record, will both go out on the broadcast and be recorded to the local file.**

To remove a shot, simply right click on the shot and choose Delete Shot.

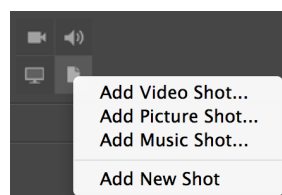
## **STUDENT STEP 2. NOW YOU WILL SET UP WIRECAST AND CONNECT A CAMERA.**

### **STEP 3. Adding Media Shots**

Wirecast for YouTube allows you to broadcast.

cut media files into your

Click the File Sources Icon. Choose "Add Picture Shot..."



Navigate to your desktop or photo folder and choose an opening still .jpg and click Open.

Use the same method and also add a closing still.

You now have a Camera Shot, and two Picture Shots in your Main Shot List Window. Clicking on the shot will send it to the Broadcast Area.

Next, click the File Sources Icon again. This time, choose “Add Video Shot...”  
Navigate to your desktop or video folder and choose a .mov file and click Open.

Add a Music shot by clicking the File Sources Icon once more and choosing “Add Music Shot...”  
On your desktop or in your music folder, select an .mp3.

You should now have a Camera Shot, a Microphone Shot, two Picture Shots, a Video Shot and a Music Shot in your Main Shot List Window.

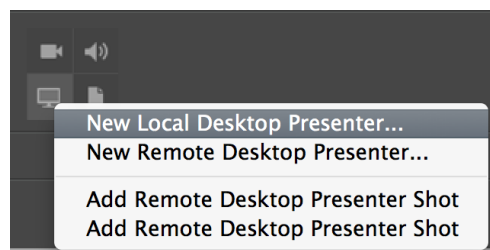
Clicking on the Video Shot or Music Shot will play it in the Broadcast Area.

**\*In Wirecast for Youtube, you cannot edit the Audio or Video shot. Once you click it, the video/audio will play until you choose another shot. Returning to the Video Shot resumes playback from the point it was switched. There is no way to get the video to play from the beginning except for letting it loop and cutting just before it begins again. Video playback control is available in the Studio version of Wirecast.**

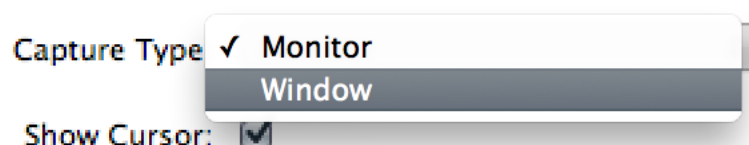
### **Adding a Desktop Presenter Shot**

Using Desktop Presenter (included with Wirecast for YouTube), Wirecast for YouTube allows you to add your own desktop as a shot. If you're on the same network as another computer also running Desktop Presenter, you can add their desktop as a shot as well.

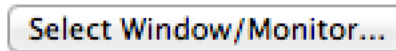
Click the Desktop Presenter icon on the toolbar. Click “New Local Desktop Presenter”



In the Capture Type drop down menu, you can choose to present either your entire screen or just a window.

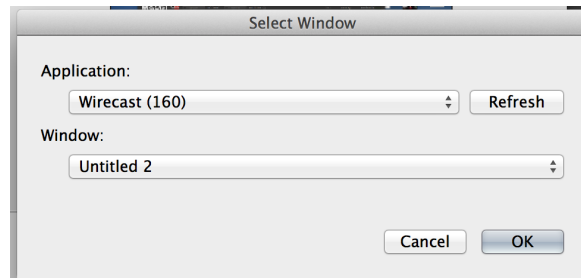


After Choosing Window from the Capture Type dropdown, click the Select Button.



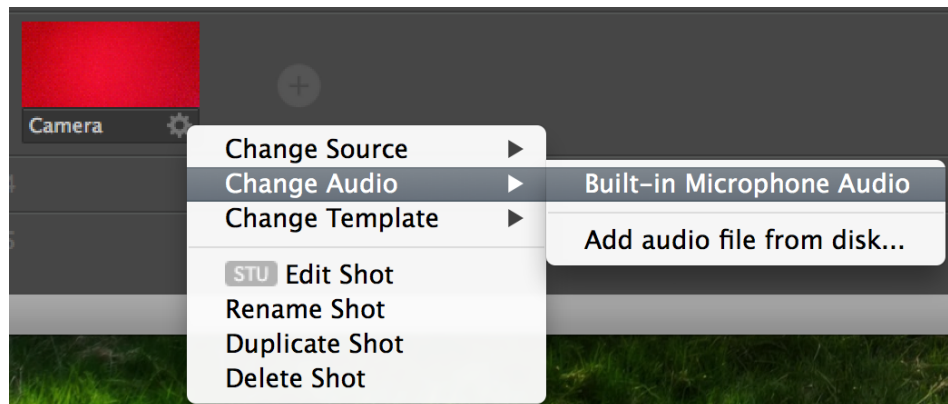
Window/Monitor

Now, you can choose the application and window within the application you'd like to display.



### **Shot Audio**

The Gear Icon on a shot displays a contextual menu for each shot.



You can set an audio source for each shot in the Shot List Window.

Select the gear next to your Camera Shot, and choose Change Audio>Built in Microphone Audio

You have now assigned an audio source to your Camera Shot.

It's important to do this so that as you cut, your audio remains constant.

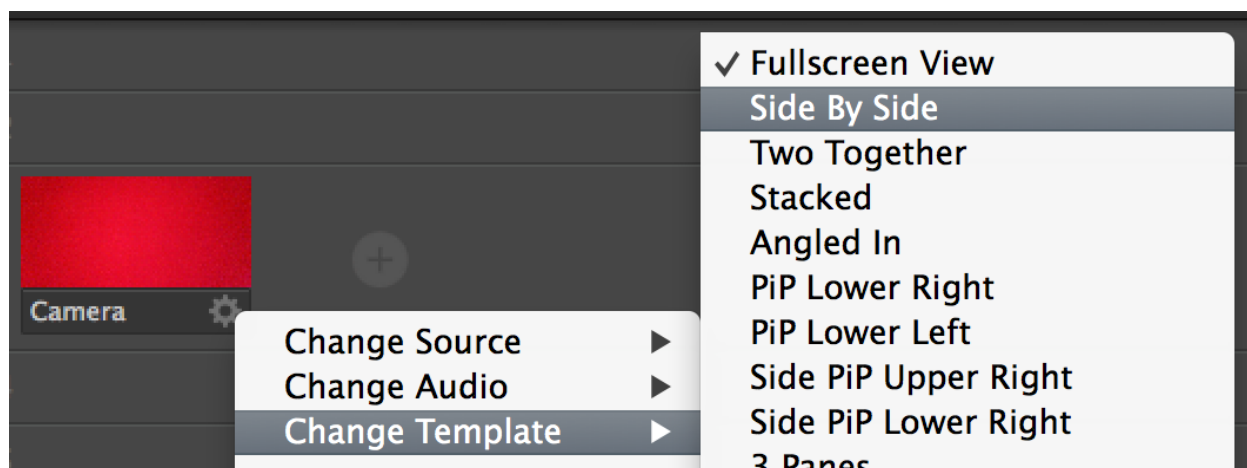
**\*Note that the video loops, as does the audio. If they are different lengths, they will loop at different rates.**

Using the same method set the audio source for "Opening Still" and "Closing Still" to your Microphone. Now, when you cut to your slide, you'll still hear audio from the microphone.

### STUDENT STEP 3. NOW YOU WILL ADD MEDIA SHOTS IN WIRECAST.

#### **STEP 4. Shot Templates**

You can create a number of side by side or picture in picture shots using the Shot Template



menu.

Select your camera shot, and choose Change Template> Side by Side

You'll notice that the New Shot now has two boxes: "A" and "B".

Choose the gear menu again, Change Source>Source B> Opening Still

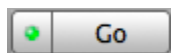
If Source A is set to your Camera shot, you'll now have the Camera in the Left box, and the Still in the right box.

### STUDENT STEP 4. NOW YOU WILL LOOK AT SOME OF THE SHOT TEMPLATES IN WIRECAST.

#### **STEP 5. Cutting Between Shots**

##### Autolive

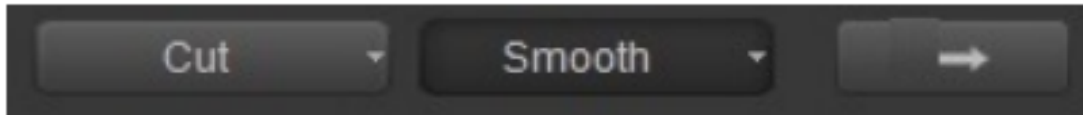
The Autolive button controls what happens when you click a shot in the Shot List Window. When Autolive is on (as indicated by the green light next to the "Go" button), clicking a shot will automatically send it to the Broadcast Area. When Autolive is off, you must select a shot and then press "Go" or (Command+G).



The ability to turn Autolive off allows you to make changes to your shot before taking it live. Autolive can be turned on or off by clicking the indicator next to the "Go" button.

## **Transitions**

Wirecast offers a variety of transitions for cutting between shots. The three transition buttons (below the Broadcast Area) can be set to any available transition by clicking the reveal arrow on the right side of the button.



Select Cut

Try clicking on various shots.

You'll notice that it makes a hard cut.

Select smooth

Again, switch between shots.

You'll notice a smooth transition instead of a hard cut.

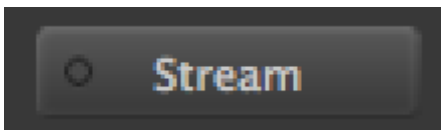
Try cutting with some different transitions.

***STUDENT STEP 5. NOW YOU WILL CUT BETWEEN SHOTS IN WIRECAST.***

## ***STEP 6. Preparing your Broadcast***

**\*It's important to Insert all of your shots and be sure that all shots have the correct audio source associated with them before broadcasting.**

1. Click the Stream button at the top of the screen.



Click Authenticate and enter password

Next, Click Authenticate

A dialogue box will open, prompting you to log in.

In this class, we'll come around and help if you aren't already logged in.

After you are logged in, the Name field will automatically populate.

Choose the event you created under the Event Drop down menu.

Click Okay.

**\*Wirecast for YouTube should automatically change the Encoder Preset and Format. IF IT DOES NOT, YOU WILL NEED TO SET IT TO MATCH YOUR CANVAS SIZE.**

### **STUDENT STEP 6. NOW YOU WILL PREPARE YOUR BROADCAST.**

#### **STEP 7. Broadcasting**

1. Cut to your Blank Shot, and click the stream button again. (Doing this will push the stream to the YouTube Live Event, but **IT WILL NOT START BROADCASTING UNTIL YOU START THE EVENT IN YOUTUBE.**)

2. Click Record to begin recording locally on your computer. (**You can choose to do this when you start broadcasting, or just before the event begins – we recommend you start**



**broadcasting, Preview your stream in YouTube, so the only things you'll need to do are Start the Live Event in YouTube and record, if you choose to, at your live start time).**

3. Back in your web browser, on YouTube Live, choose "Live Control Room" at the top of the page.

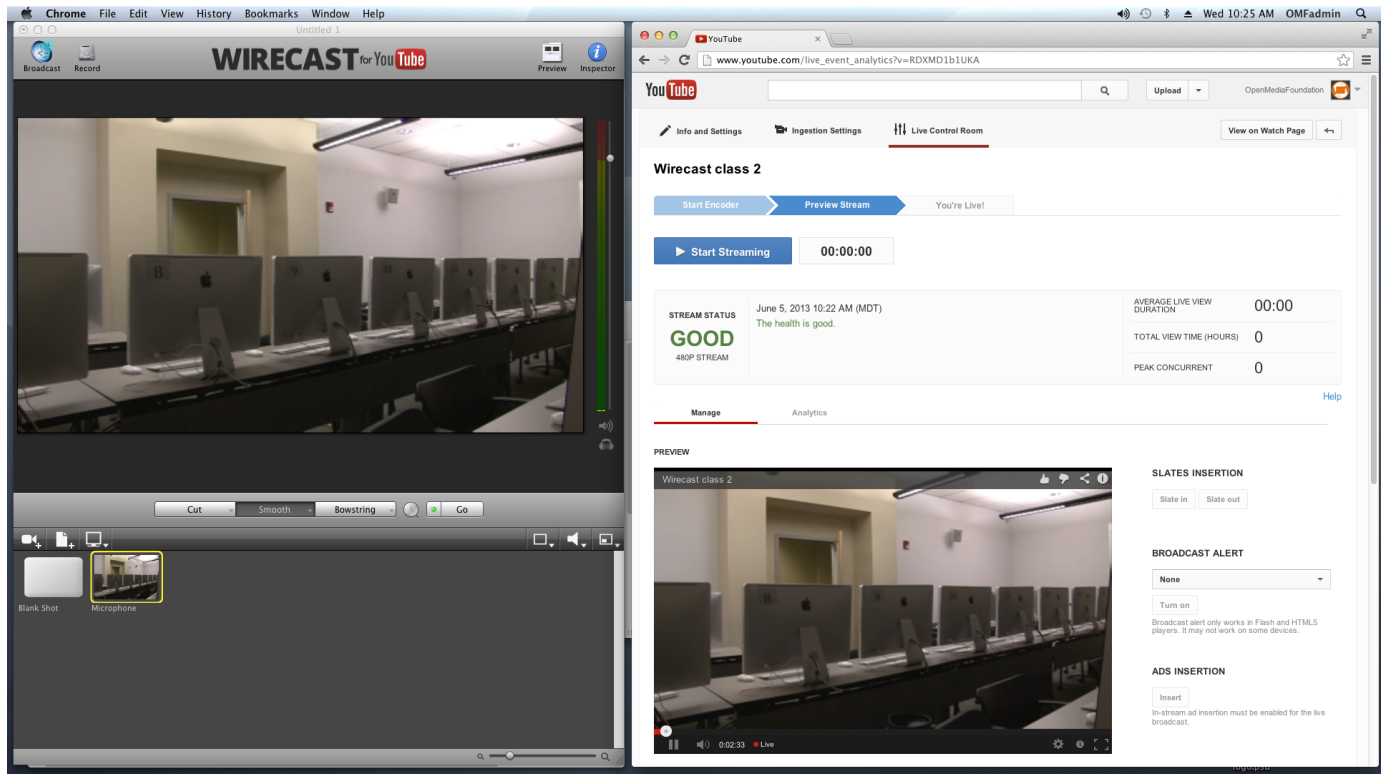
4. Make sure the Stream Status is **GOOD**. (This means YouTube is receiving data from your encoder).

5. Click **Preview**

6. When the confirmation pops up, click **OK**

7. You will need to wait until the preview appears.

8. You can click on the PREVIEW area (see below) to preview the stream. **THIS IS NOT GOING OUT, SINCE YOU HAVEN'T HIT START STREAMING.**



9. You will know everything is setup correctly if you see the same image in Wirecast for YouTube and in the YouTube Live Event PREVIEW window.

**\*\*\*NOTE: THERE IS UP TO A 1 MINUTE DELAY FROM WIRECAST TO THE YOUTUBE LIVE STREAM.**

You are now ready to start LIVE STREAMING!

When you are ready to go live, hit **START STREAMING** in the YouTube Live Event. (If you want to record a local file, remember to hit **RECORD** in Wirecast for YouTube, if you haven't already).

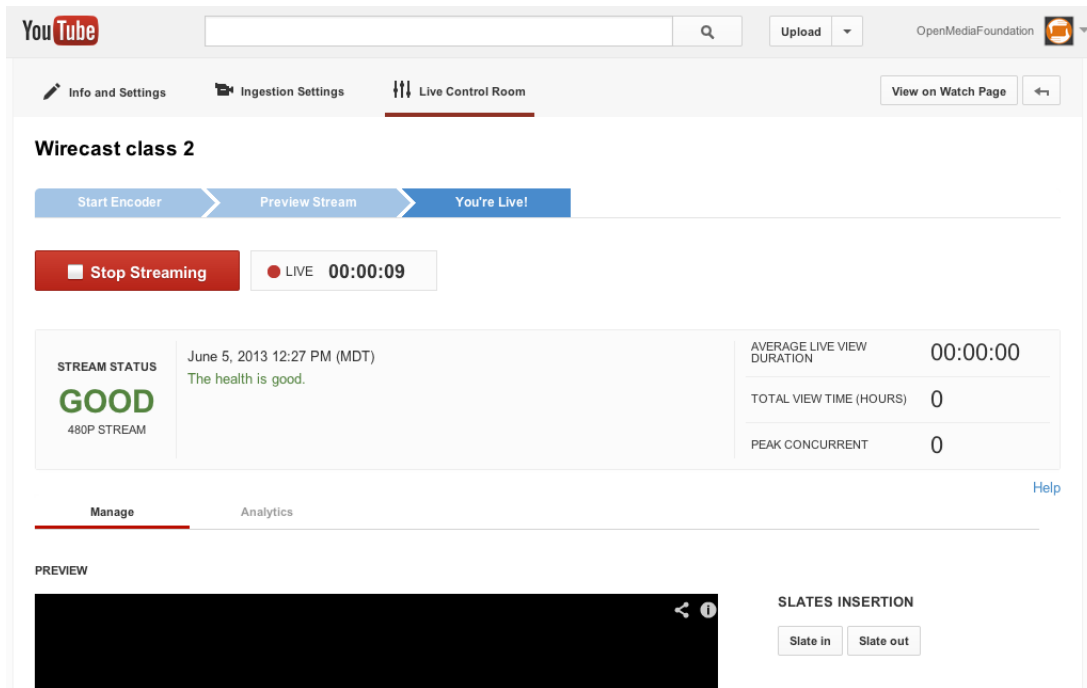
The screenshot shows the YouTube Live Control Room interface. At the top, there are navigation tabs: 'Info and Settings', 'Ingestion Settings', and 'Live Control Room'. Below these, the event title 'Wirecast class 2' is visible. A progress bar shows 'Start Encoder' and 'Preview Stream' as active steps, with 'You're Live!' as the next step. A notification says 'We're preparing your live stream preview. Please wait a moment.' A large blue button labeled 'Start Streaming' is prominent, next to a timer showing '00:00:00'. A modal dialog box is centered on the screen, titled 'The page at www.youtube.com says:' and contains the text 'Are you sure you want to start streaming the live event?' with 'Cancel' and 'OK' buttons. On the left, the 'STREAM STATUS' is 'GOOD' (480P STREAM) with a timestamp of 'June 5, 2013 10:22 AM (MDT)' and the message 'The health is good.' On the right, there are statistics for 'AVERAGE LIVE VIEW DURATION' (00:00), 'TOTAL VIEW TIME (HOURS)' (0), and 'PEAK CONCURRENT' (0). At the bottom, there is a 'PREVIEW' video player and a 'SLATES INSERTION' section with 'Slate in' and 'Slate out' buttons.

Your event will take a moment to start streaming (hint: Start early!)

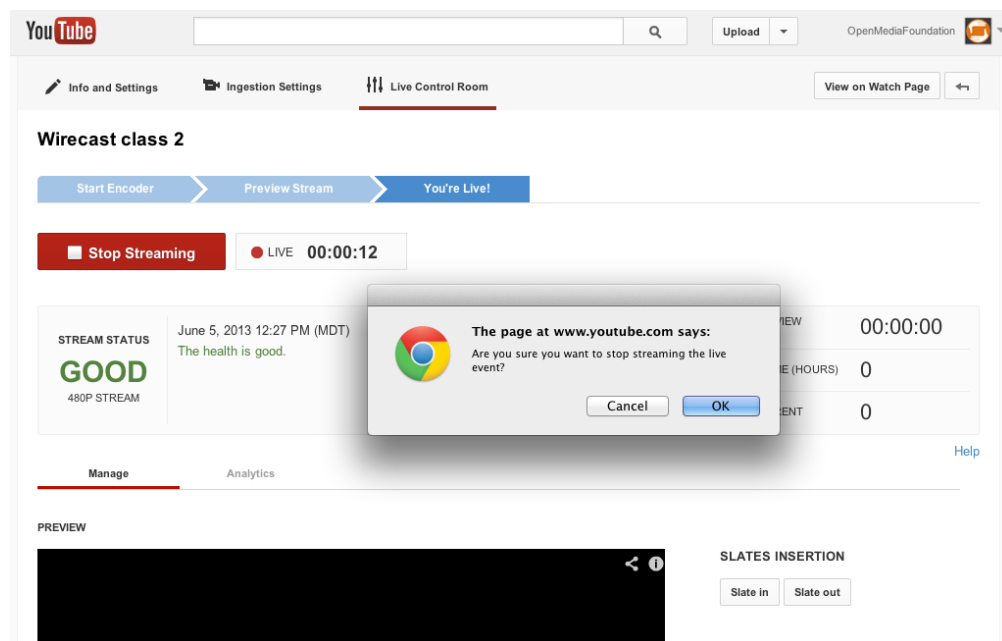
This screenshot shows the YouTube Live Control Room interface after the event has started. The 'Start Streaming' button is now disabled. A green notification bar at the top reads 'Your event is starting...'. Below it, an orange notification bar says 'You may want to visit your channel to feature your live stream.' The event title 'Wirecast class 2' is still visible. The progress bar shows 'Start Encoder' and 'Preview Stream' as completed steps, with 'You're Live!' as the current step. The 'Start Streaming' button is now disabled. The timer still shows '00:00:00'. The 'STREAM STATUS' is 'GOOD' (480P STREAM) with a timestamp of 'June 5, 2013 12:27 PM (MDT)' and the message 'The health is good.' On the right, there are statistics for 'AVERAGE LIVE VIEW DURATION' (00:00), 'TOTAL VIEW TIME (HOURS)' (0), and 'PEAK CONCURRENT' (0). At the bottom, there is a 'PREVIEW' video player and a 'SLATES INSERTION' section with 'Slate in' and 'Slate out' buttons.

**STUDENT STEP 7. NOW YOU WILL BEGIN YOUR BROADCAST, MAKE SOME CUTS DURING THAT BROADCAST, AND USE ANY TEMPLATES YOU MAY HAVE SET UP.**

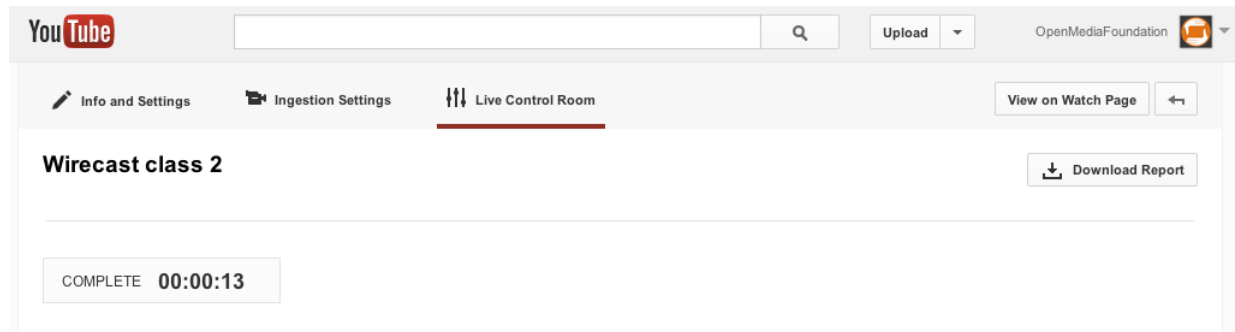
**STEP 8. STOP BROADCASTING.** To stop streaming, click stop streaming on YouTube.



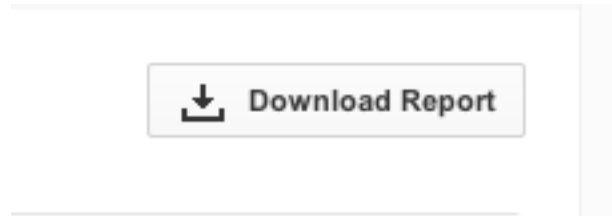
YouTube will ask if you're sure – if you are, click OK!



After you've hit OK, you'll see that your event is COMPLETE.



You can now Download a Report of viewership of your live stream.



Back in Wirecast, remember to stop Broadcasting by pressing the Stream button. Also stop recording by pressing the Record button.

**STUDENT STEP 8. END YOUR BROADCAST.**

**That's a wrap!**



**OPEN MEDIA**  
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Open Media Project for Government  
Colorado Municipal League conference  
Wed June 17th, 2015

Contact: Gavin Dahl  
[gavin@openmediafoundation.org](mailto:gavin@openmediafoundation.org)

# Open Media Project

for Government



**OPEN MEDIA**  
FOUNDATION

*A higher definition of media.*

# History 2005-Present

**2005:** Initially developed for Public Access TV

**2008:** Knight News Challenge winner, Code released

**2011:** OMP re-built, software as service model

**2012:** Software modified to replace Granicus for Colorado House & Senate

**2013-2014:** Thornton & Louisville City Councils adopt OMP for Gov

**2015:** Supreme Court & Court of Appeals launch OMP







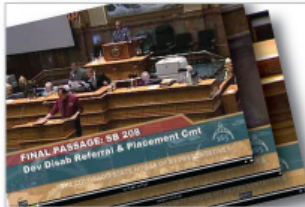
LIVE & REPEAT COVERAGE OF THE STATE LEGISLATURE



THE COLORADO STATE SENATE



WATCH OR LISTEN TO  
**LIVE STREAM**  
LEGISLATIVE SESSIONS



WATCH OR LISTEN TO  
**ARCHIVED**  
LEGISLATIVE SESSIONS

LEARN HOW YOU CAN GET INVOLVED

The Colorado Channel provides Coloradans with the opportunity to watch (or listen to) the Colorado General Assembly at work. Here you can find live stream video and audio broadcasts of the Colorado State House of Representatives and The Colorado State Senate legislative sessions. You can also access archived video of past sessions. The Colorado Channel is broadcast on Comcast channel 165 learn more...

NEWS AND UPDATES



How to Place an Initiative on the Statewide Ballot

Ever wondered how to place an Initiative on the Statewide Ballot? Wonder no more! It's a Constitutional right of all Colorado citizens – take a look!...view video



Lecture: Colorado State Capitol Building Perservation

Check out History Colorado's lecture "A Dome Where the Buffalo Roamed: Preserving Our Capitol" at Scottish Rite Masonic Center on Tuesday, February 21, 2012 1:00pm – 2:00pm & 7:00pm – 8:00pm.....continue reading

See all News and Updates

# Senate and House Archives

165 THE COLORADO CHANNEL

HOME ABOUT US LIVE BROADCAST ARCHIVED SESSIONS ADDITIONAL CONTENT DONATE NOW GET INFORMED

NEW PHOTO BLOG SECTION

LIVE & REPEAT COVERAGE OF THE STATE LEGISLATURE

## ARCHIVED SESSIONS

WATCH ARCHIVED SESSIONS OF



THE COLORADO STATE  
SENATE

LISTEN TO ARCHIVED AUDIO



THE COLORADO STATE  
SENATE

Windows Media Player or

The minimum system requirements for

LIVE & REPEAT COVERAGE OF THE STATE LEGISLATURE

SENATE ARCHIVE

Archived Sessions **Senate Video** Senate Audio House Video House Audio

Search by Bill (ex: HB12-1002 or SB12-012)


All sessions 2014 2013 2012 2011 2010

Name	Date	Duration	Calendar	Journal	Download (right click to save)
Colorado Senate 2014 Legislative Day 90	April 7, 2014		Calendar		Download MP4
Colorado Senate 2014 Legislative Day 90, pt2	April 7, 2014		Calendar		Download MP4
Colorado Senate 2014 Legislative Day 87	April 4, 2014	01:23:21	Calendar		Download MP4
Colorado Senate 2014 Legislative Day 86, Part 1	April 3, 2014	00:27:41	Calendar	Journal	Download MP4

# Viewer with Clickable Agenda

## COLORADO SENATE 2014 LEGISLATIVE DAY 87

Jump to:



Start of Session

THIRD READING OF BILLS - FINAL PASSAGE

HB14-1282 by Representative(s) Pabon; also Senator(s) Tochtrop--  
Concerning the specification of what materials may be provided in a  
language other than English by an insurer to a customer.

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Calendar

Journal

DOWNLOAD MP4

# Upload Agendas and Minutes

Calendar Journal DOWNLOAD MP4

1 / 12 < > 🔍 🔍 🗨

Page 1

**SENATE CALENDAR**

Sixty-Ninth General Assembly  
**STATE OF COLORADO**  
Second Regular Session

**Friday, April 4, 2014**  
87th Legislative Day  
Hour of convening 9:00 A.M.

---

**THIRD READING OF BILLS - FINAL PASSAGE - CONSENT CALENDAR**

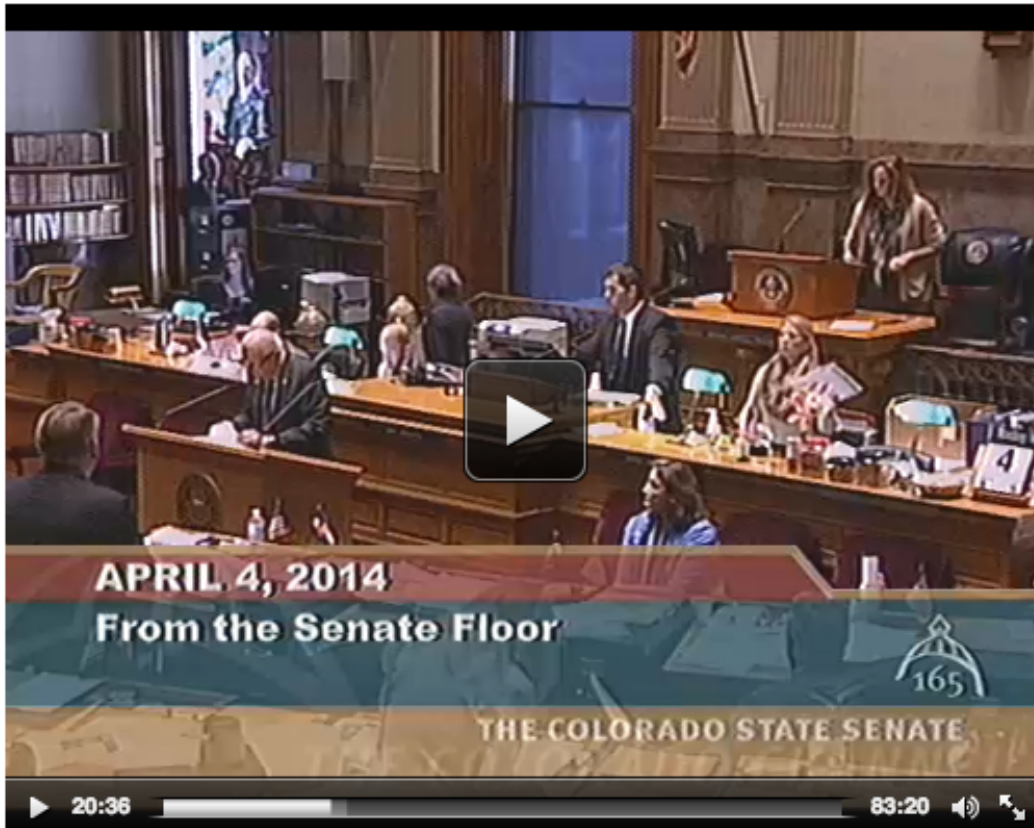
[HB14-1282](#) by Representative(s) Pabon; also Senator(s) **Tochtrop**--Concerning the specification of what materials may be provided in a language other than English by an insurer to a customer.

[SB14-169](#) by Senator(s) **Lambert**; also Representative(s) May--Concerning information that the office of information technology is required to provide to certain members of the general assembly in connection with its annual budget requests.

# Skip to any Agenda Item - Share In and Out

## COLORADO SENATE 2014 LEGISLATIVE DAY 87

Jump to:



HB14-1308 by Representative(s) Gerou; also Senator(s) Steadman--  
Concerning procedures for a department to vary an appropriation.

HB14-1336 by Representative(s) Duran; also Senator(s) Steadman--  
Concerning the provision for payment of the expenses of the  
executive, legislative, and judicial departments of the state of  
Colorado, and of its agencies and institutions, for and during the fiscal  
year beginning July 1, 2014, except as otherwise noted.

HB14-1342 by Representative(s) Duran; also Senator(s) Steadman--  
Concerning transfers of moneys related to capital construction.

SHARE THIS +

SET IN POINT

SET OUT POINT

WIDTH:

HEIGHT:

EMBED:

LINK:

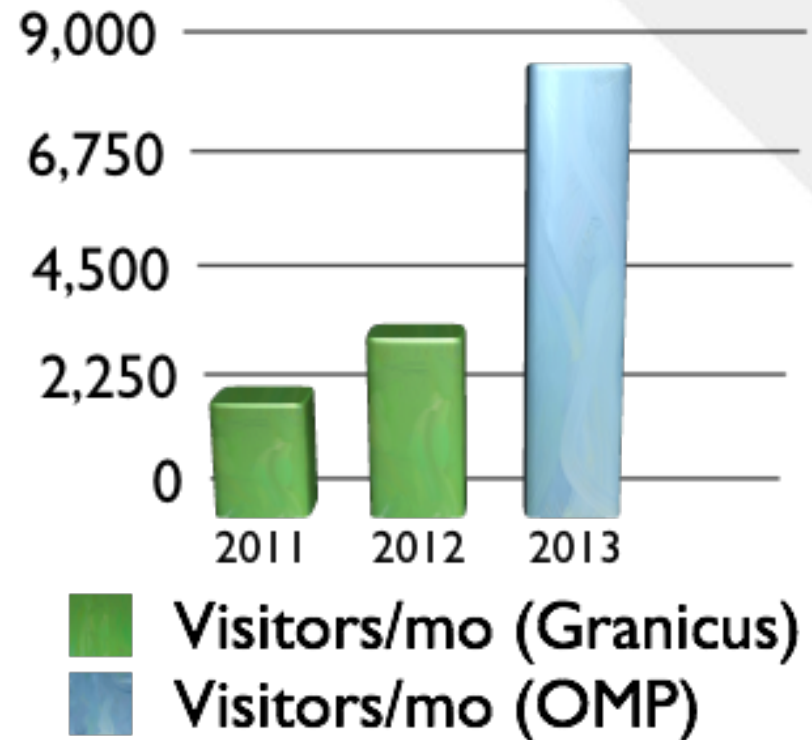
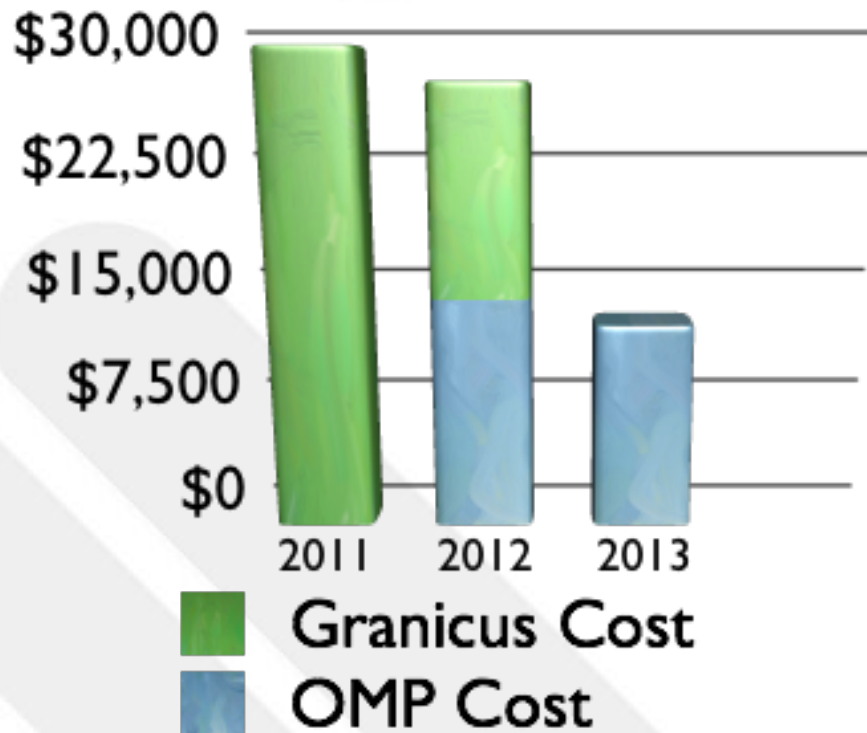
880

400

<iframe src=<http://www.coloradocha>

<http://www.coloradochannel.net/color>

# OMP for Government



# Feature Walkthrough

- Livestream Integration
- Video On Demand
- Integrated Agendas
- Embeddable Pages
- Complete Website (optional)



# Livestreaming

- OMP designed to integrate with the livestreaming provider of your choice ([YouTube](#), Livestream, Tightrope's [Cablecast Reflect](#), etc)
- [YouTube Workflow Demonstration](#)
  - Use “custom encoding options”
  - Copy Video URL in Preview
- [Adding live session to OMP](#)
- Agenda Timestamping (Agenda Manager)





# Using Youtube Live Events



Upload



ann@openmediafoundation.org



Ann Theis

DASHBOARD

VIDEO MANAGER

Uploads

Live Events

Playlists

Tags

Search History

Likes

COMMUNITY



CHANNEL SETTINGS



ANALYTICS



CREATION TOOLS



Send feedback

## Events 2

+ New live event



Actions

View:

Upcoming



test

GOOGLE+ HANGOUTS ON AIR Starts: April 2, 2014 01:37 PM (MDT)

Edit



Start Hangout On Air



testing 2

Starts: April 2, 2014 02:00 PM (MDT)


Edit



Live Control Room



# Add Show Information/Set Options

 Info and Settings



## NAB DEMO 2014

Cancel

Go live now

Basic info **Advanced settings**



NAB DEMO 2014



Public

Ar

Anyone can search for and view



Add a message to your video

Today

Now

Add end time

United States (GMT -07:00) Pacific [Edit](#)

OMP Demo

Also share on



Tags (e.g., albert einstein, flying pig, mashup)

Type

Quick (using Google+ Hangouts On Air) <sup>?</sup>

Custom (more encoding options) <sup>?</sup>

Reminder: You [have agreed](#) that you own the rights to, have properly licensed, or otherwise have the right to use, all content you live stream (including any music content). [Learn more](#)

Some changes are not yet saved.

Cancel

Go live now

# In Live Control you can copy embed code

Ann Theis

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**Live Events**

Playlists

Tags

Search History

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CHANNEL SETTINGS

ANALYTICS

CREATION TOOLS

Send feedback

Info and Settings | **Live Control Room** | View on Watch Page

**We are not yet receiving the video stream. Start your Hangout on Air to monitor it from here.**

## NAB DEMO 2014

<b>STREAM STATUS</b> <b>NO DATA</b> UNKNOWN BITRATE	<b>AVERAGE LIVE VIEW DURATION</b> 00:00:00
	<b>TOTAL VIEW TIME (HOURS)</b> 0
	<b>PEAK CONCURRENT</b> 0

Send feedback

Manage | Analytics

### PREVIEW

**Copy video URL**  
Copy video URL at current time  
Copy embed code  
Report playback issue

Copy debug info  
Stats for nerds

Hosted by YouTube

Settings...  
Global Settings...  
About Adobe Flash Player 12.0.0.77...

### BROADCAST ALERT

None

Turn on

Broadcast alert only works in Flash and HTML5 players. It may not work on some devices.

### SLATES INSERTION

Slate in | Slate out

### Create highlights while live!

Upload highlight clips for your viewers, even before your event finishes. Ensure Sync to Preview is enabled above. [Learn More](#)

# Create New Show on your OMP site

## Create OM Show

Project \*

Select the project to which this show belongs. If you have not yet created a project, [please click here to do so.](#)

Theme \*

Show Title \*

Web Video

Add the full url to a valid video resource. Examples:

[http://www.youtube.com/watch?v=vr3x\\_RRjdd4](http://www.youtube.com/watch?v=vr3x_RRjdd4)

[http://ia600508.us.archive.org/33/items/colorado\\_senate\\_2012/colorado\\_senate\\_2012\\_legislative\\_day\\_1.mp4](http://ia600508.us.archive.org/33/items/colorado_senate_2012/colorado_senate_2012_legislative_day_1.mp4)

Date

**Date**

E.g., 04/07/2014

If applicable, include the date this show aired.

### Description

Source 

**B I U S x<sub>2</sub> x<sup>3</sup>** 

Normal 

Your description here...

# Add Agenda and Minutes

Dashboard Site Configuration Projects Shows Content Hello ompdemo Log out

- Web page addresses and e-mail addresses turn into links automatically.
- Lines and paragraphs break automatically.

▼ [Legislative Documents](#)

Calendar

Journal

▶ [Additional Details](#)

▶ [Producer Information](#)

<b>Menu settings</b>	<input type="checkbox"/> Provide a menu link
Not in menu	
<b>URL path settings</b>	
Automatic alias	
<b>Revision information</b>	
New revision	
<b>Authoring information</b>	
By ompdemo	
<b>Publishing options</b>	
Published	

Save

# Save and View

Dashboard Site Configuration Projects Shows Content Hello ompdemo Log out

Live & Archived Video City of Thornton Home

Thornton & City of Thornton Colorado

Live Streaming & On Demand Video from The City of Thornton

View Agenda Manager Edit Revisions



Reverend Andy Pryor  
Northglenn Christian Church

Like Share 0  
Tweet 0  
G+1 0

★★★★☆  
No votes yet

Bayesian Score: 0 [Help](#)

Your Vote Counts!  
[Learn More About Voting](#)

Upcoming Airings  
No upcoming airings.

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NAB DEMO 2014

ompdemo  
Published: 4/07/2014 | In City Council Meeting | Local Production | 3 Views | 0 Comments

Edit

# Agenda Manager

Dashboard Site Configuration Projects Shows Content Hello ompdemo Log out


View Agenda Manager Edit Revisions

**START TIMER** 00:00:00

Apply to live broadcast

Add an Agenda Item

Add to Recorded



**PENDING**

- 1. CALL TO ORDER + Add
- 2. INVOCATION - Reverend Andy Pryor, Northglenn Christian Church + Add
- 3. PLEDGE OF ALLEGIANCE + Add
- 4. ROLL CALL OF COUNCIL + Add
- 5. APPROVAL OF AGENDA + Add
- 6. AUDIENCE PARTICIPATION + Add

**RECORDED**

# Add items as events happen

View
Agenda Manager
Edit
Revisions


START TIMER

00:00:00

Apply to live broadcast

**Add an Agenda Item**

Everyone sits down!



PENDING


1. CALL TO ORDER	<input type="button" value="+ Add"/>
2. INVOCATION - Reverend Andy Pryor, Northglenn Christian Church	<input type="button" value="+ Add"/>
3. PLEDGE OF ALLEGIANCE	<input type="button" value="+ Add"/>
4. ROLL CALL OF COUNCIL	<input type="button" value="+ Add"/>
5. APPROVAL OF AGENDA	<input type="button" value="+ Add"/>
6. AUDIENCE PARTICIPATION	<input type="button" value="+ Add"/>
1. Presentations	<input type="button" value="+ Add"/>
None	<input type="button" value="+ Add"/>

RECORDED


5. APPROVAL OF AGENDA	00:01:05	<input type="button" value="edit"/> <input type="button" value="delete"/>
Everyone sits down!	00:01:01	<input type="button" value="edit"/> <input type="button" value="delete"/>
4. ROLL CALL OF COUNCIL	00:00:43	<input type="button" value="edit"/> <input type="button" value="delete"/>
3. PLEDGE OF ALLEGIANCE	00:00:31	<input type="button" value="edit"/> <input type="button" value="delete"/>
2. INVOCATION - Reverend Andy Pryor, Northglenn Christian Church	00:00:22	<input type="button" value="edit"/> <input type="button" value="delete"/>
1. CALL TO ORDER	00:00:06	<input type="button" value="edit"/> <input type="button" value="delete"/>




# View Completed Program and Agenda



Live Streaming & On Demand Video from The City of Thornton



[View](#) [Agenda Manager](#) [Edit](#) [Revisions](#)



Reverend Andy Pryor  
Northglenn Christian Church

01:19 48:24 HD

[Like](#) [Share](#) 0

- 3. PLEDGE OF ALLEGIANCE
- 4. ROLL CALL OF COUNCIL
- Everyone sits down!
- 5. APPROVAL OF AGENDA

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## NAB DEMO 2014

ompdemo  
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[Edit](#)

# Video On Demand

- Searchable, browsable library of sessions
- Modern player with clickable agendas
- Sharing, embedding excerpts
- Calendar, agenda, journal integration
- Unlimited, free video storage & bandwidth via Archive.org or YouTube



# Embeddable Pages or Complete Site

- Video listings and calendars are available as pages to embed on your own site
- Or you can use the OMP as a standalone site

## Two Pricing Levels:

- \$6,000/yr Standard Site (embedded or complete)
- \$10,000/yr Premium Custom Site





**OPEN MEDIA**  
FOUNDATION