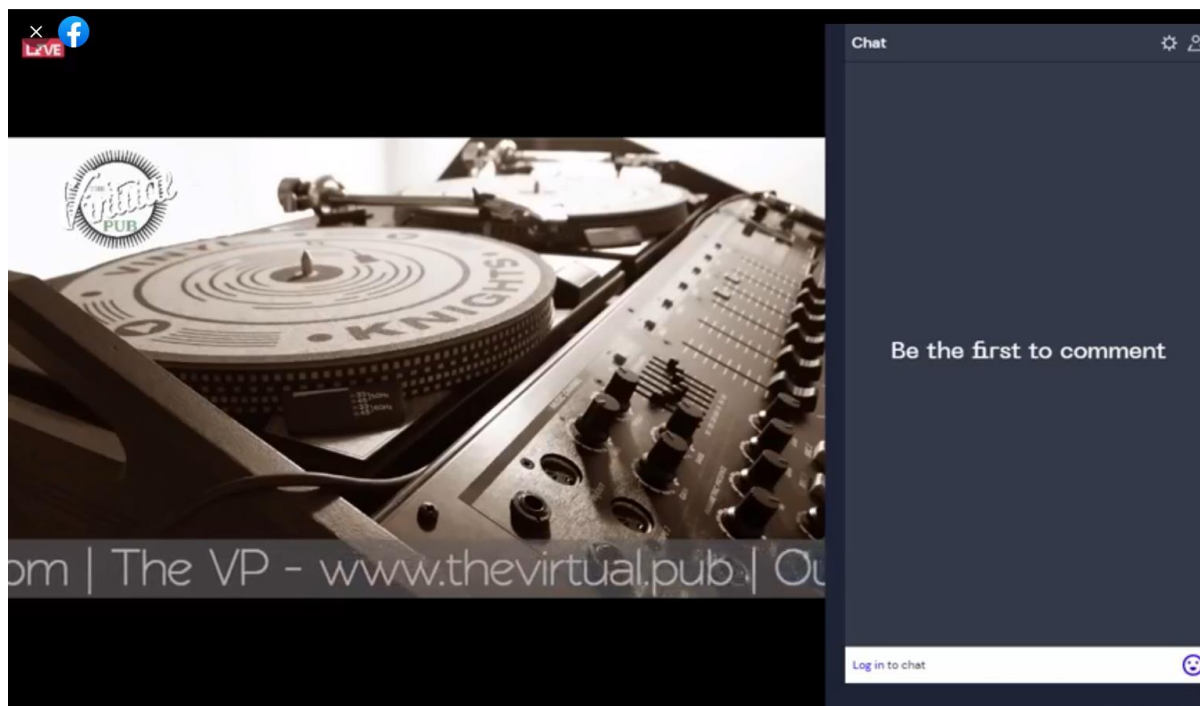# Facebook restream method with an additional OBS instance

A quick guide to restreaming with a second instance of OBS Studio. This will enable you to restream the video plus comments view to Facebook:
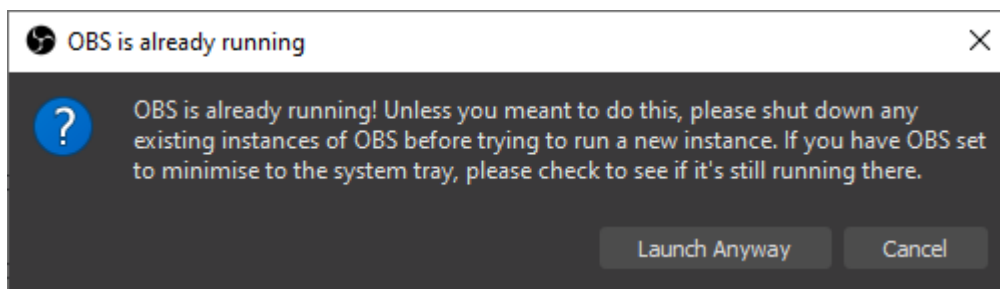

Contents
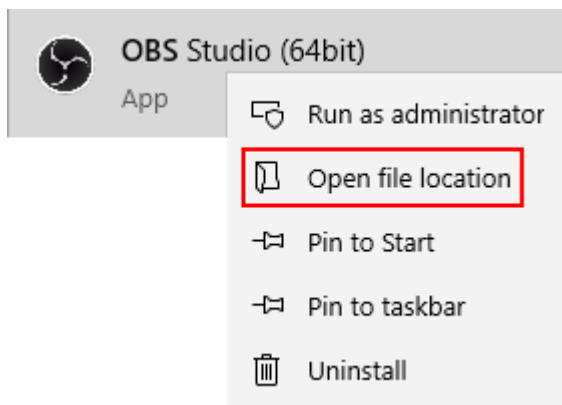
Initial one-time setup

Shortcut modification (optional)

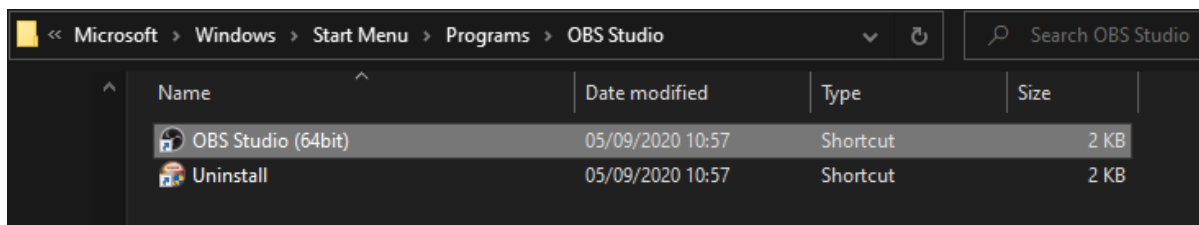Launching a second instance of OBS will, by default, return this error.

You can simply click Launch Anyway but if you want to supress that message, you can modify the launching shortcut.
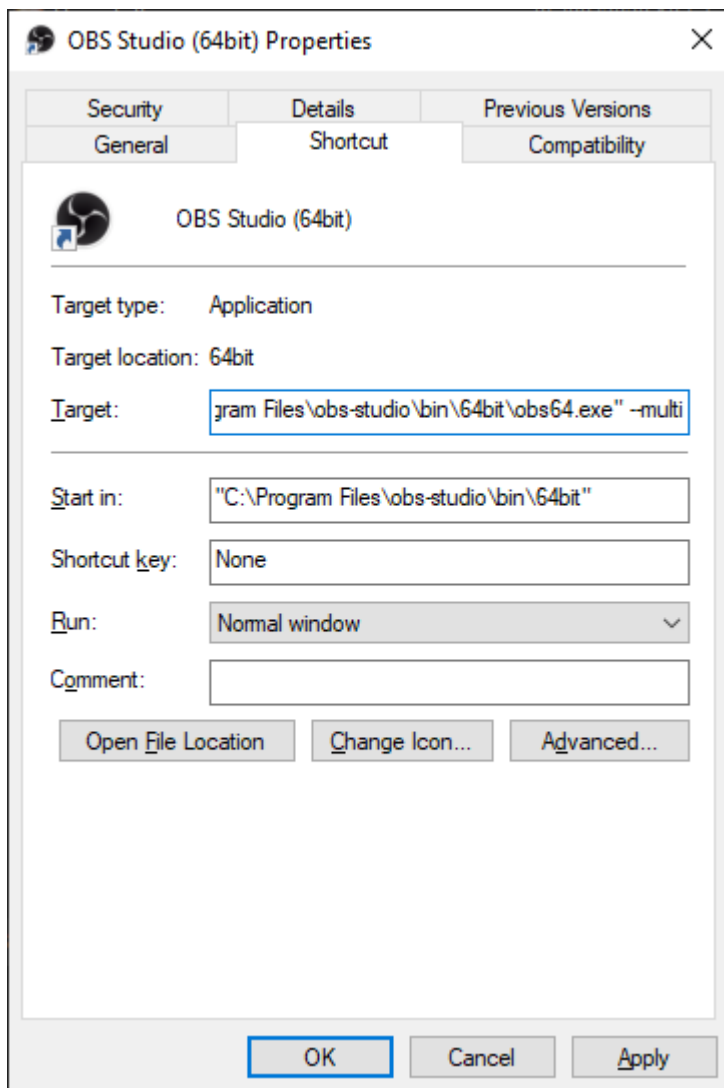
Right click the shortcut in the start menu.

Open file location.

Open the properties of the program shortcut (right click, properties or alt+return)

Modify the Target field, adding –multi to the command line as above. Click Ok.

## Mixcloud configuration (for primary OBS instance)

Configure your primary instance of OBS with a streaming profile for Mixcloud (use the built in Mixcloud profile, send 320Kbps audio and somewhere between 2-3Mbps video. The second instance is what we're focused on here as that's going to handle the Facebook restream

Facebook restream configuration (for secondary OBS instance)
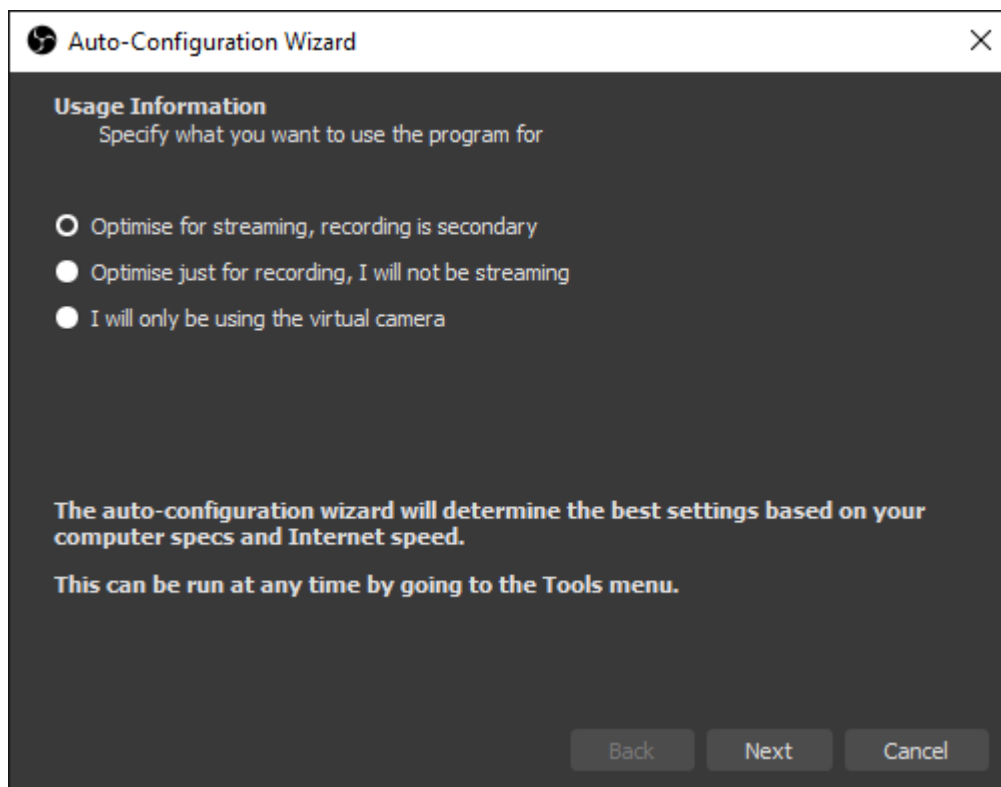
Launch a second instance of OBS.

New Profile

Add a new profile and name it accordingly.
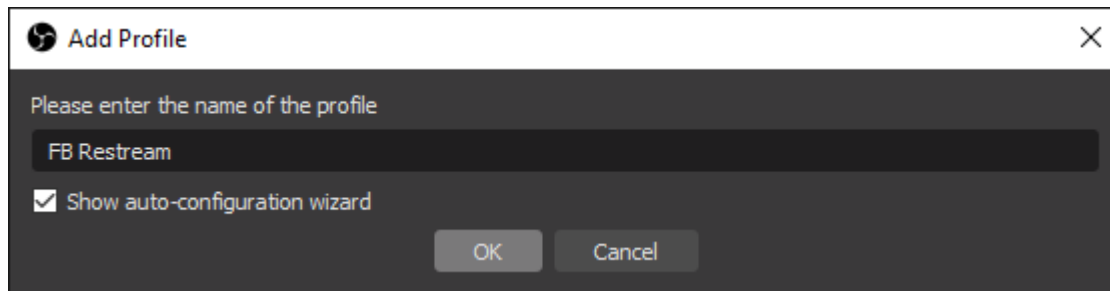
Auto-Configuration wizard

The auto-configuration wizard is the easiest way to set this up quickly, so leave it ticked and we'll follow that.

Leave 'Optimise for streaming, recording is secondary' selected and click Next.

Change Base Resolution to 1280x720 and FPS to 30.

Configure as above. Enter anything in the Stream Key field to allow us to proceed and uncheck 'Estimate bitrate with bandwidth test' because the stream key won't work. Video bitrate may need modifying based on your upload bandwidth but should be fine at 1500Kbps (1.5Mbps). Click Next
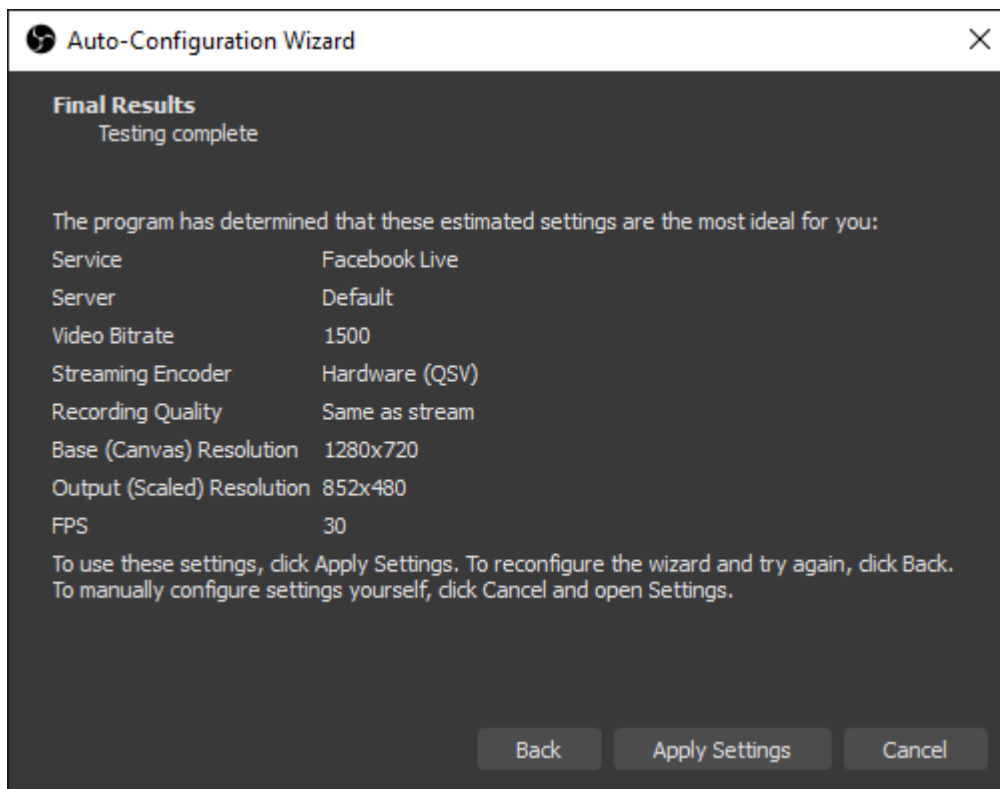
Click Apply Settings.

Fix Base / Output Resolutions
Go into Settings, Video.
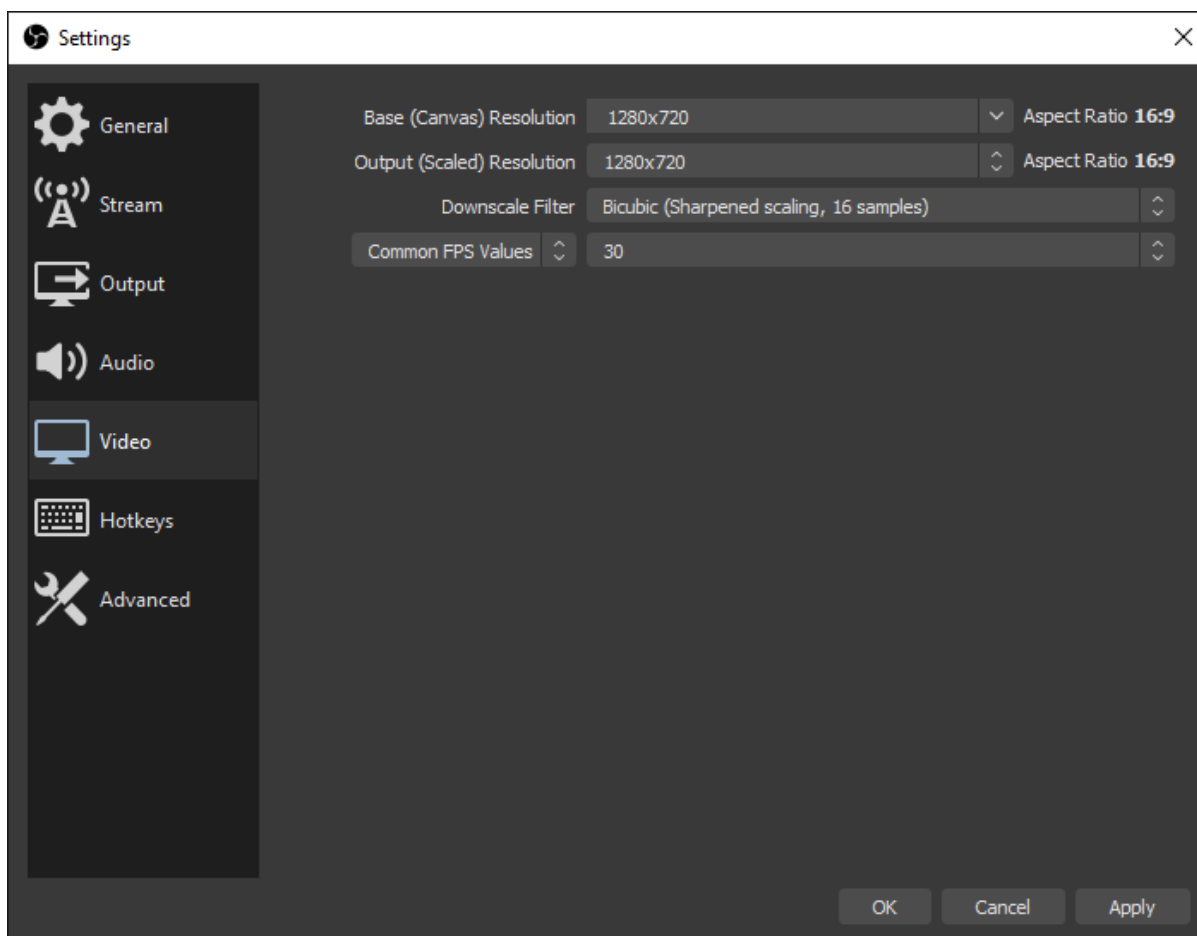
Change the 'Output Resolution' to 1280x720 to match the 'Base Resolution'. Click Ok.

Add a new Scene Collection and name it accordingly.

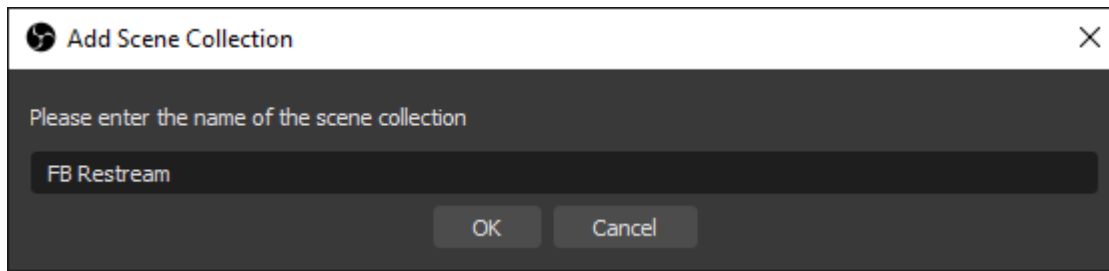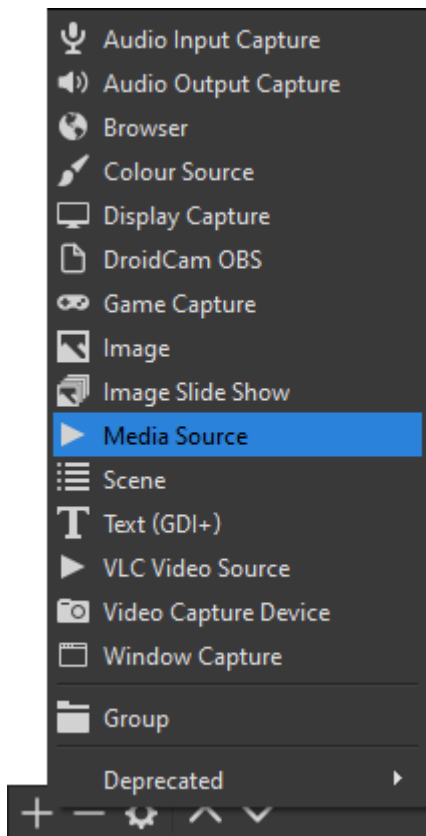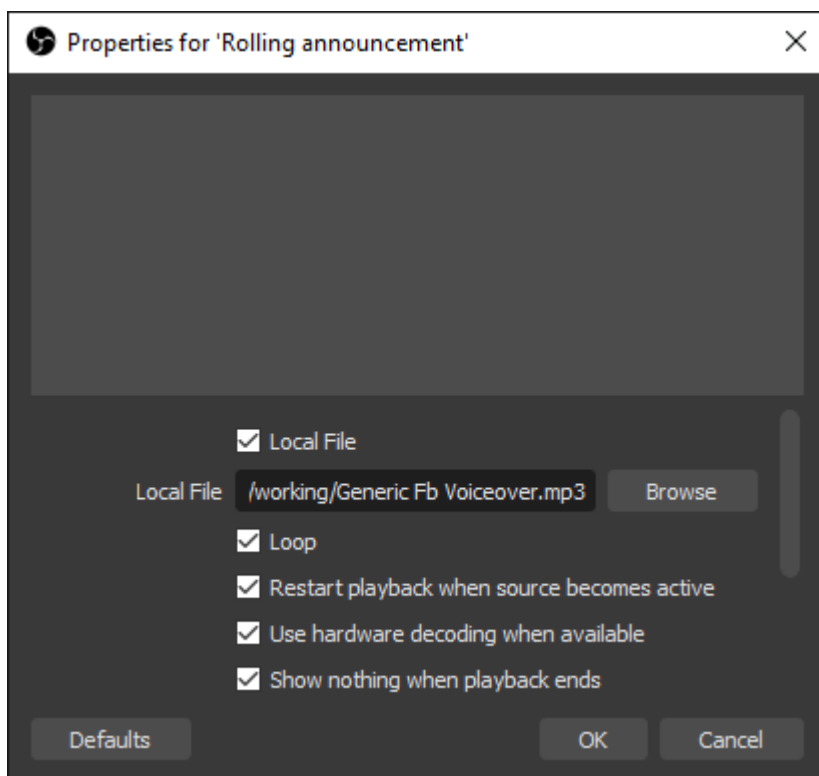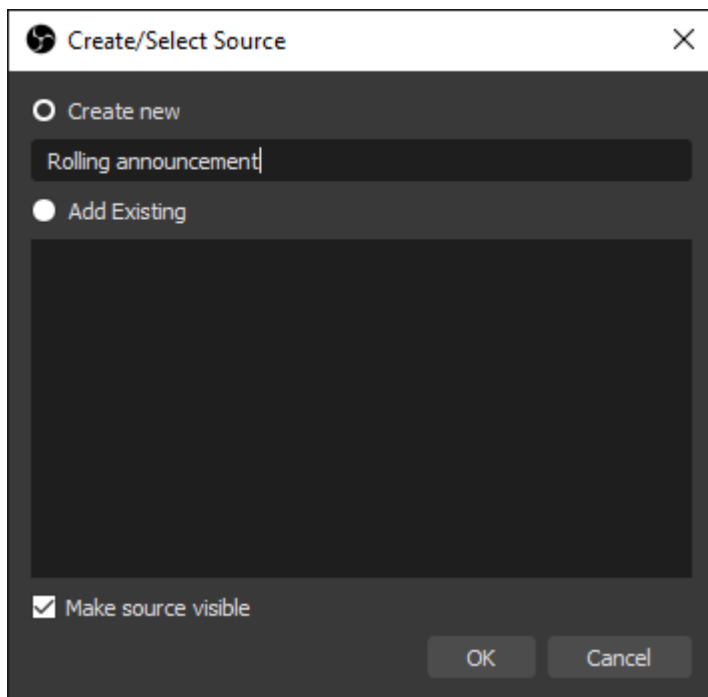You only need a single scene so we'll use the default, 'Scene'. We need to add two sources – Media (for the rolling announcement) and Browser (for the video).

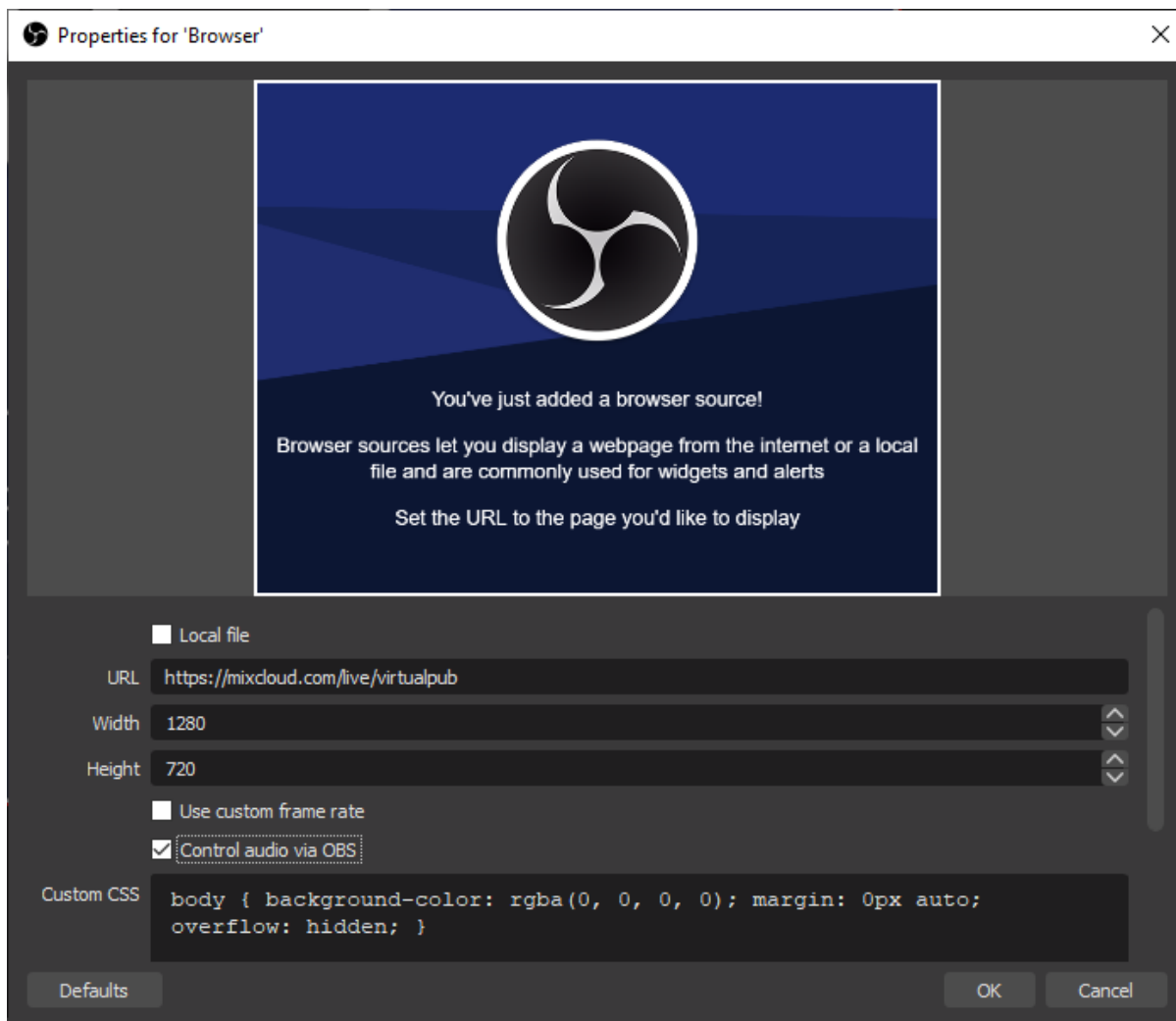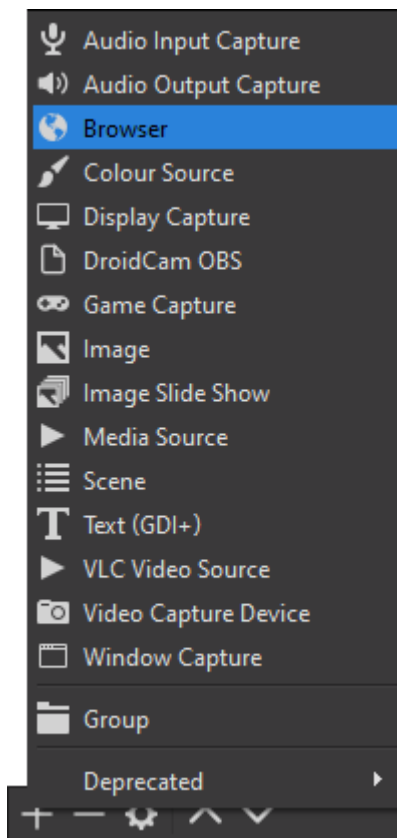## Media Source (rolling audio announcement)

Add a Media Source and name it.

Add the rolling announcement file, configure the options as above and click Ok.
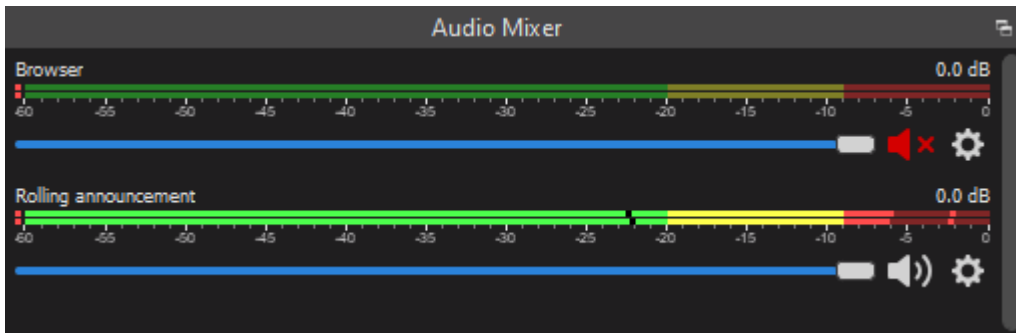
Browser Source (Mixcloud video)

Add a Browser source and name it.

Configure as above.

Muting Browser Source's audio

IMPORTANT: Mute the browser's audio so the only active audio source is the rolling announcement.
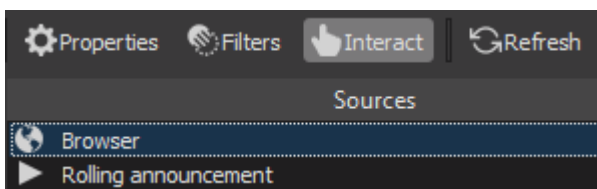

## Using this setup to restream

Interacting with the browser source

When your Mixcloud stream is active in your first OBS instance, the second instance will show the (muted) Mixcloud stream in the default view. Change this to the video plus comments view.

With the browser source highlighted, click interact (or right click the browser source and click Interact there).
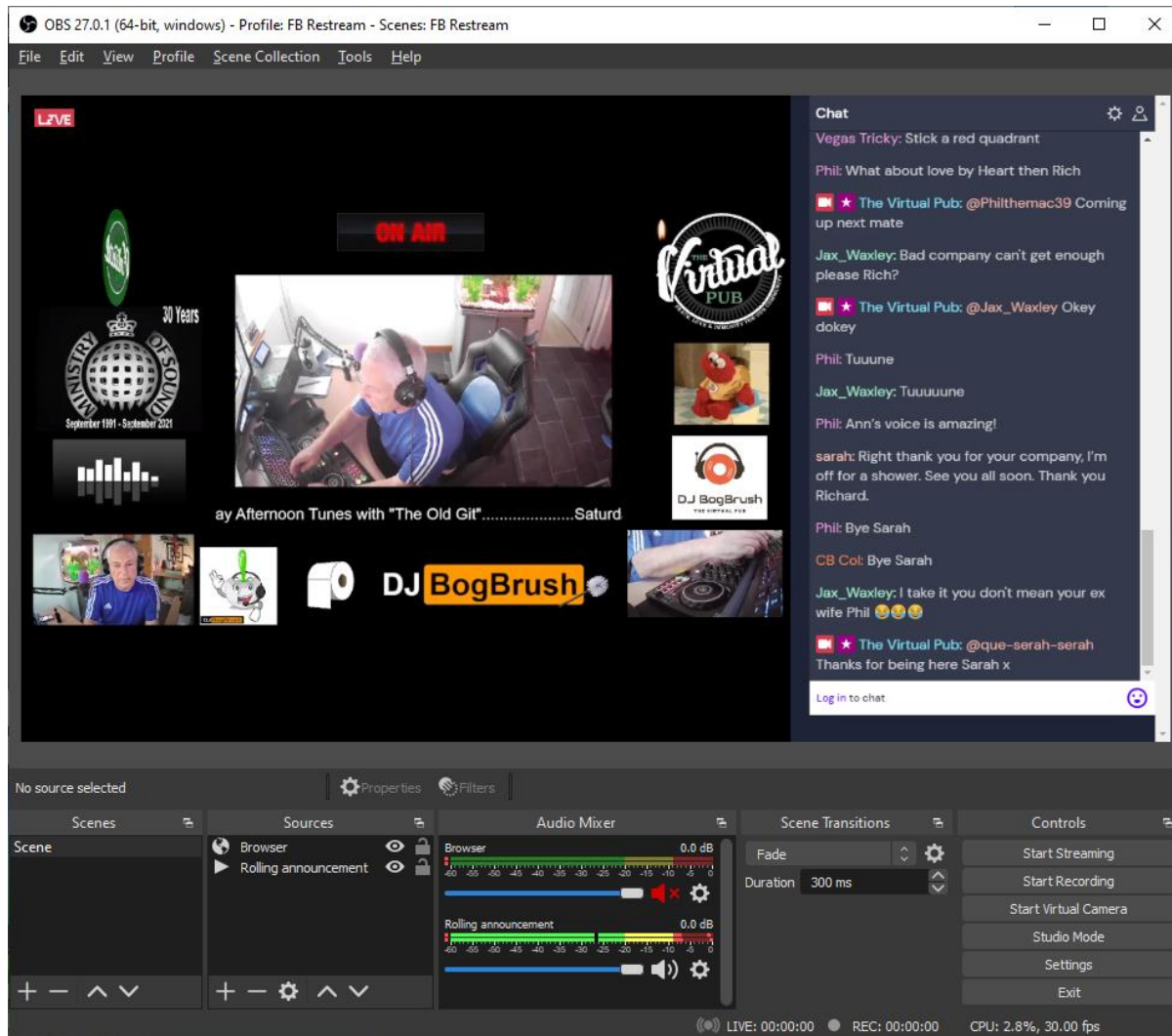

Changing the view to video + comments
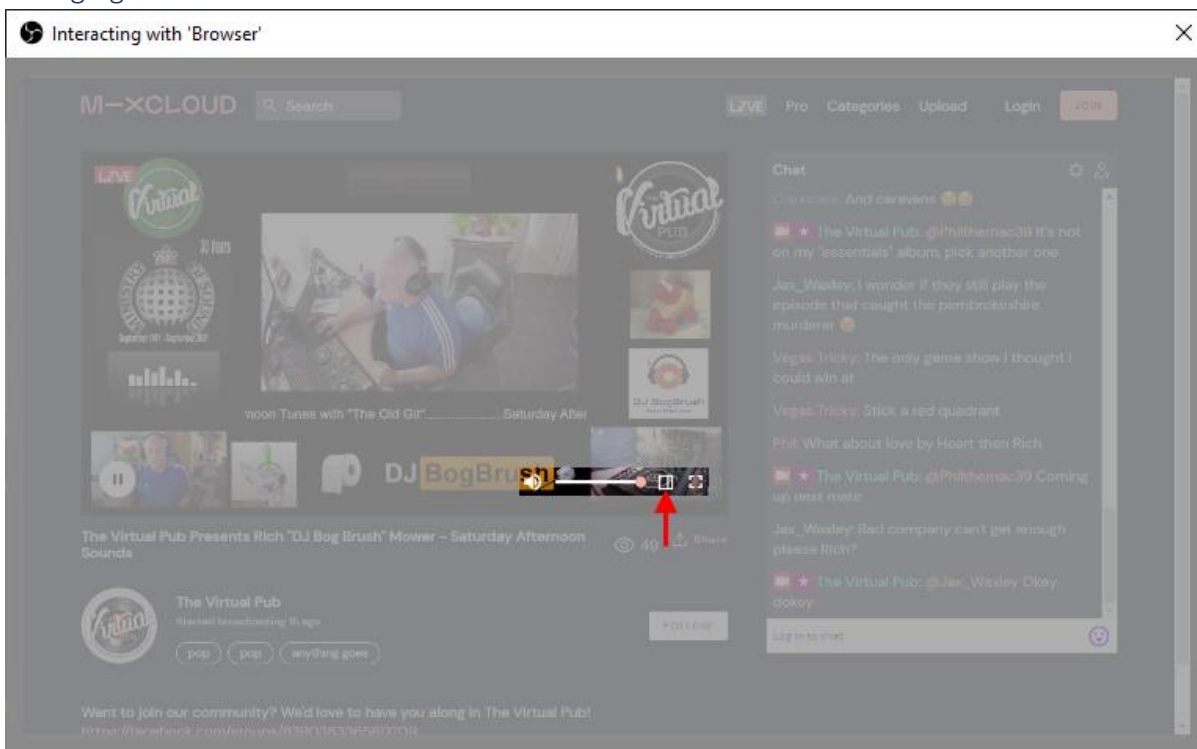
Hover over the video in the 'Interacting with 'Browser'' window and click the arrowed option above.
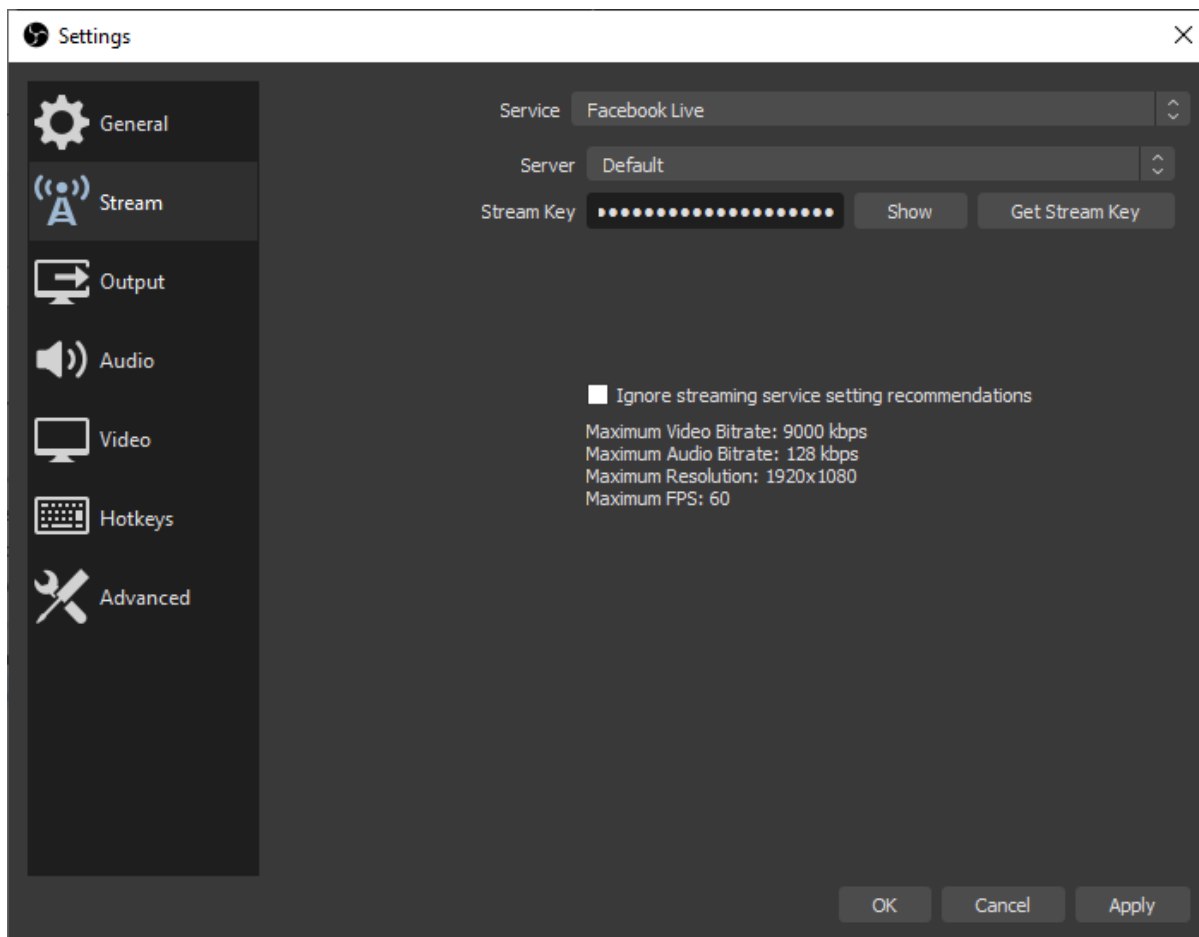
Close the 'Interacting with 'Browser'' window.

Live broadcast view

Stream to Facebook

Obtain your stream key from the Facebook Live setup, click Settings and choose the Stream tab on the left.

Paste the stream key into the corresponding field, click Ok then go live to Facebook, from this second OBS instance, in the usual way.

This method, using the built in OBS Browser source means there's no reliance on Window captures and the second instance can be minimised.