

A man with glasses and a beard is speaking on a laptop screen. The background shows a room with a window, a desk, and a mouse.

Telematic Quarantine

Research Workshop

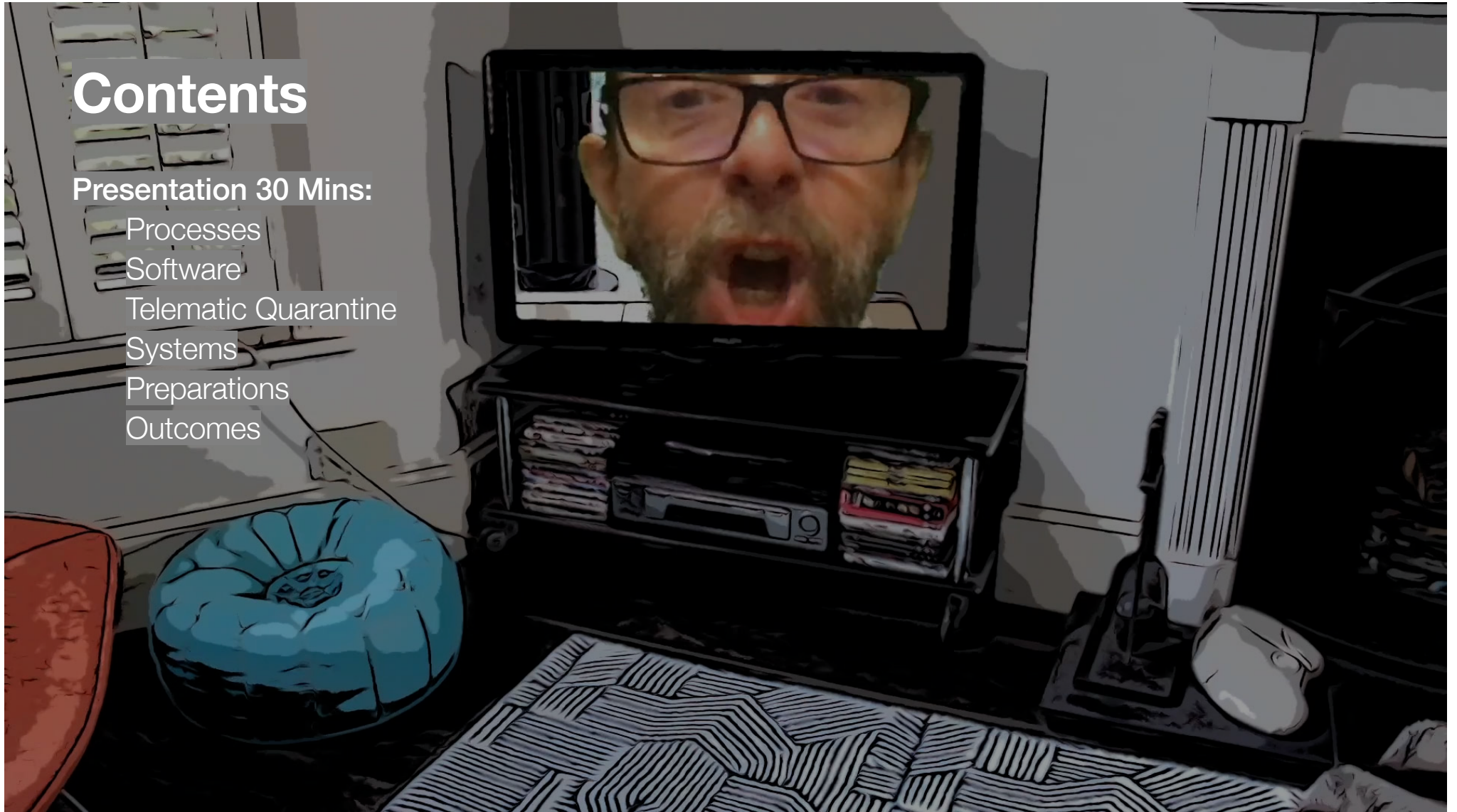
A presentation/workshop of live video software tools and techniques for online performance, developed and used by Paul Sermon in the recent networked performance project 'Telematic Quarantine' produced during the COVID-19 lockdown. Paul will talk us through how he tuned his front room into a telepresent video studio with just a laptop, webcam and green-screen.

Date and Time: Thursday 19 November, 11:00 to 12:00

Contents

Presentation 30 Mins:

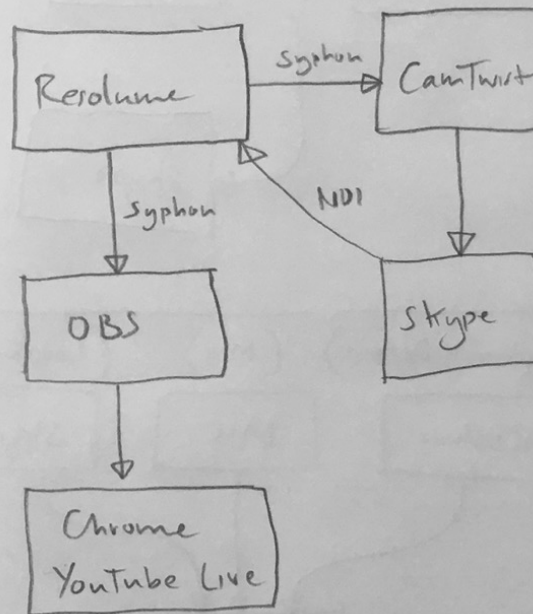
- Processes
- Software
- Telematic Quarantine
Systems
- Preparations
- Outcomes

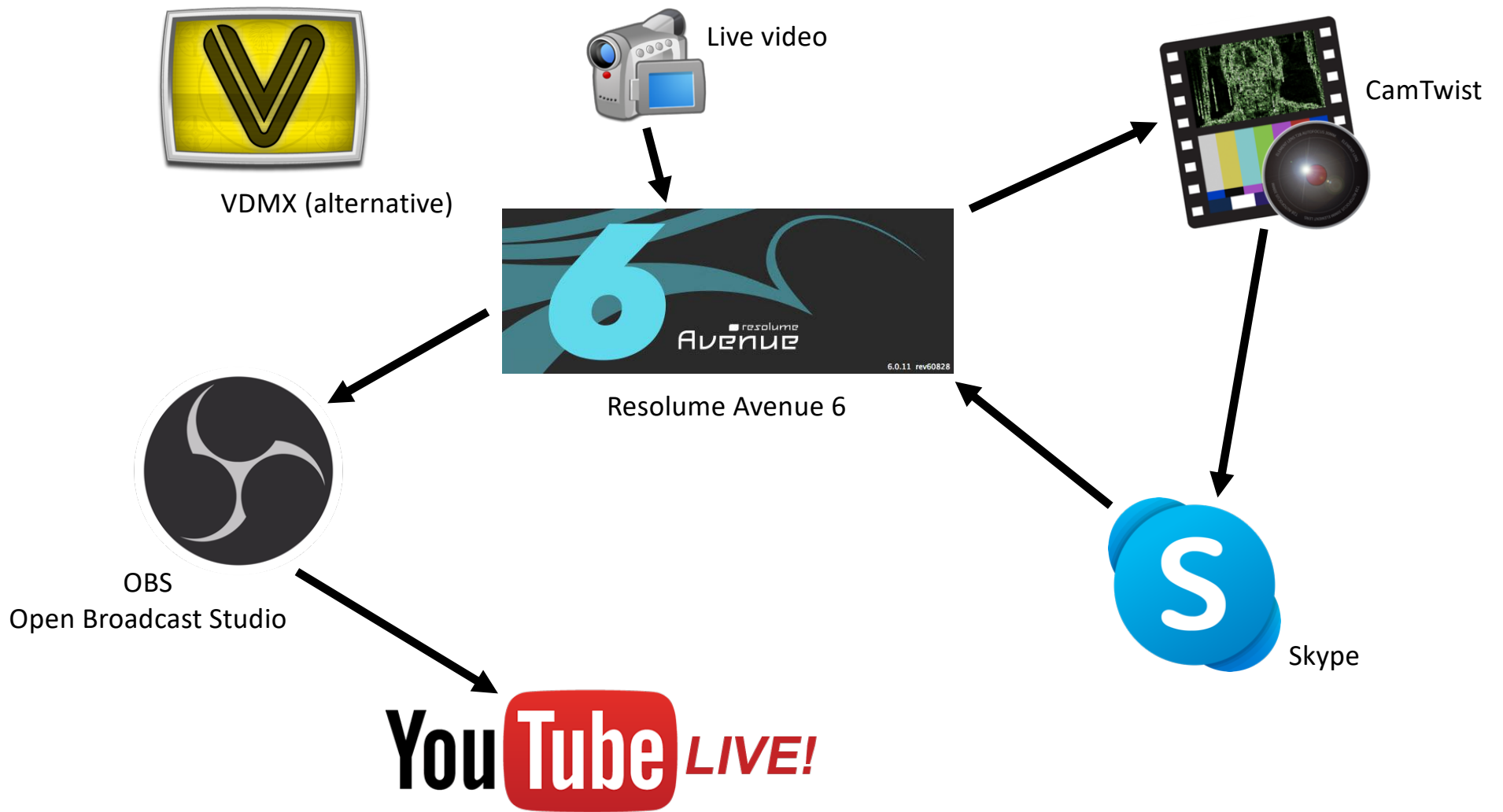


Telematic - Resolve setup.

21 Aug 20

Video





Avenue Composition Deck Layer Column Clip Output Shortcuts View

Resolute Avenue - Telematic Quarantine Composition 1080p (1920 x 1080)

Composition	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10	Column 11	Column 12	Column 13	Column 14	Column 15
Layer 5 Front Video	Downing Street Br...	DeckLink UltraStu...	GPMB356-PS16L...	Covid Foreground	BBC News Countd...	TV Foreground	Livingroom TV Fo...	Frontdoor Foreg...	Smoke Foreground	Downing Street Br...	Downing Street Br...	Flatten the Curve ...	Pills Foreground		
Layer 4 Foreground															
Layer 3 Local video															
Layer 2 Skype incoming															
Layer 1 Background	Kitchen Backgrou...	Frontdoor Backgr...	Livingroom Backg...	Livingroom Backg...	Kitchen Background	Kitchen Backgrou...	Garden Background	Bedroom Backgro...	Bedroom Backgro...	Bathroom Backgr...	Bathroom Backgr...	Bathroom Backgr...	Table Background	Chaislon Backgro...	Title Background

Compositions: empty empty

BPM 120.00 - + -|+ /2 *2 TAP RESYNC PAUSE METRONOME RECORD

Output Monitor

Preview Monitor / Clip / Covid Foreground

Composition

Telematic Quarantine Composition 1080p (1920 x 1080)

▼ Dashboard

Link 1 Link 2 Link 3 Link 4 Link 5 Link 6 Link 7 Link 8

▼ Common

Master 100 %

Speed 1

▼ Audio

Volume -10 dB

Pan 0

▼ Video

Opacity 100 %

▼ CrossFader

Blend Mode Alpha

Behaviour Cut

Curve Linear

▼ Transform

Position X 0

Clip

Covid Foreground

▼ Dashboard

Timeline -12.512

▼ Transport

Speed 1

▼ Cuepoints

Covid Foreground.mp4
CoreAudio supported file, 48,000kHz, Stereo
00:00:20.320, BPM Unknown

Covid Foreground.mp4
AVP 'avc1', 1920x1080, 25.00 Fps, 00:00:20.320

Opacity 100 %

Width 1920 - +

Height 1080 - +

Blend Mode Layer Determined

▼ Transform

Files

Compositions

Effects

Sources

/Users/pss16/Desktop/Sermon Folder/Projects Current/Telematic Quarantine for ILCVAF 7 Nov 2020 /Installation Videos

- Final Background Video
- Final Foreground Video
- Final Sounds
- Ambulance Foreground
- Bathroom Background
- BBC Countdown Foreground
- Bedroom Background
- Chaislon Background
- Covid Foreground
- Downing Street Briefing Fruit Machine
- Flatten the Curve Foreground
- Frontdoor Background
- Frontdoor Foreground
- Garden Background
- Kitchen Background
- Livingroom Background

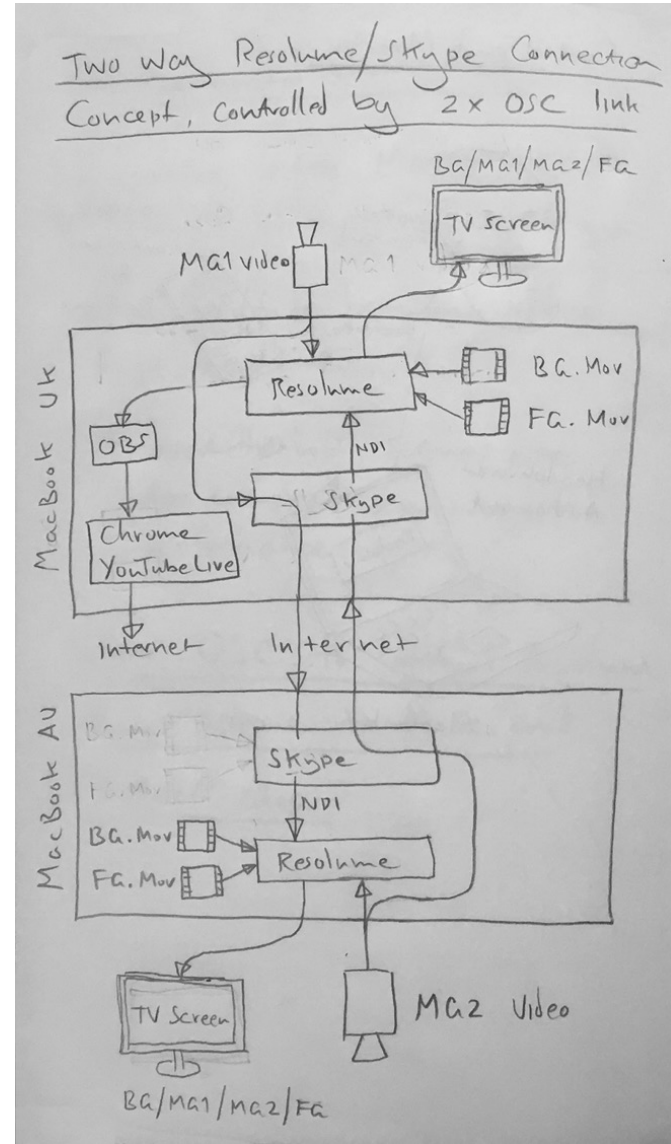
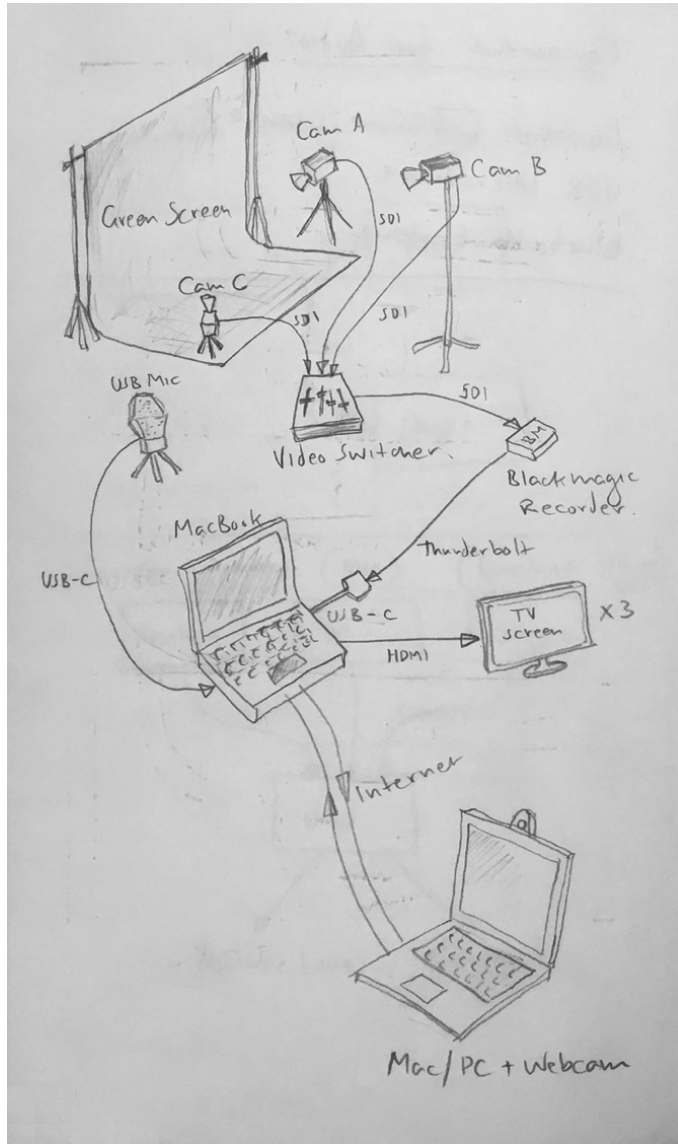
Resolute Avenue 6.1.5 13:12

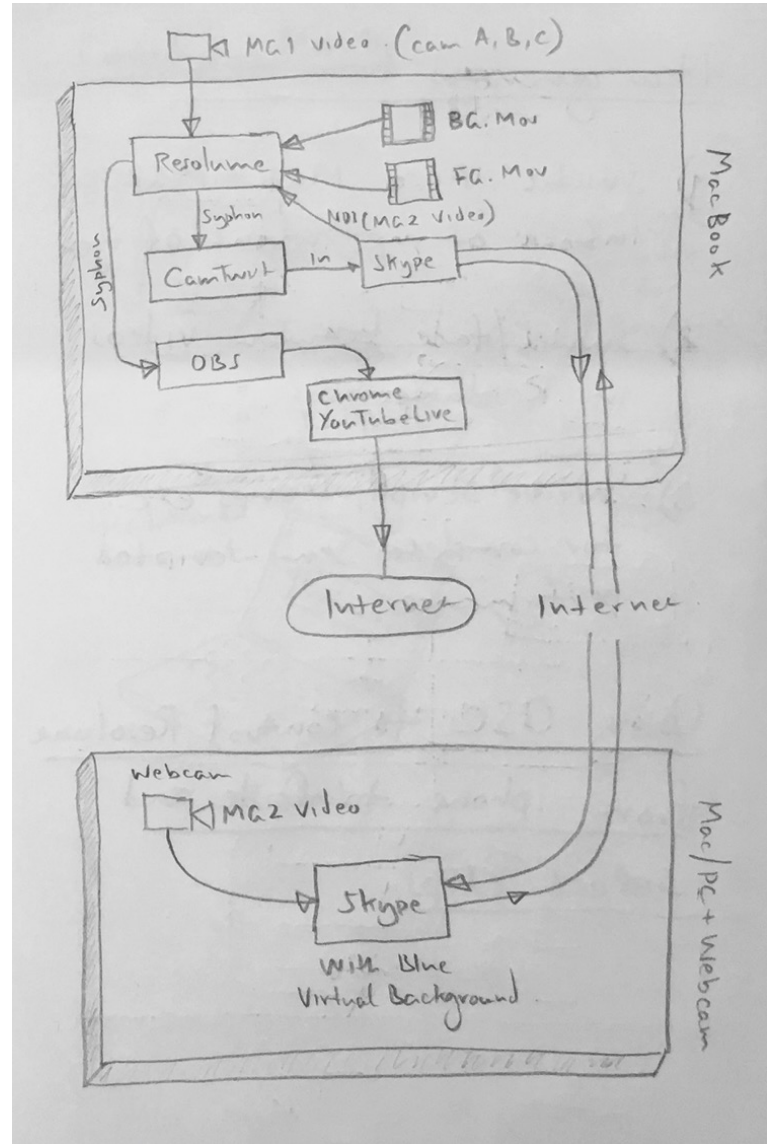
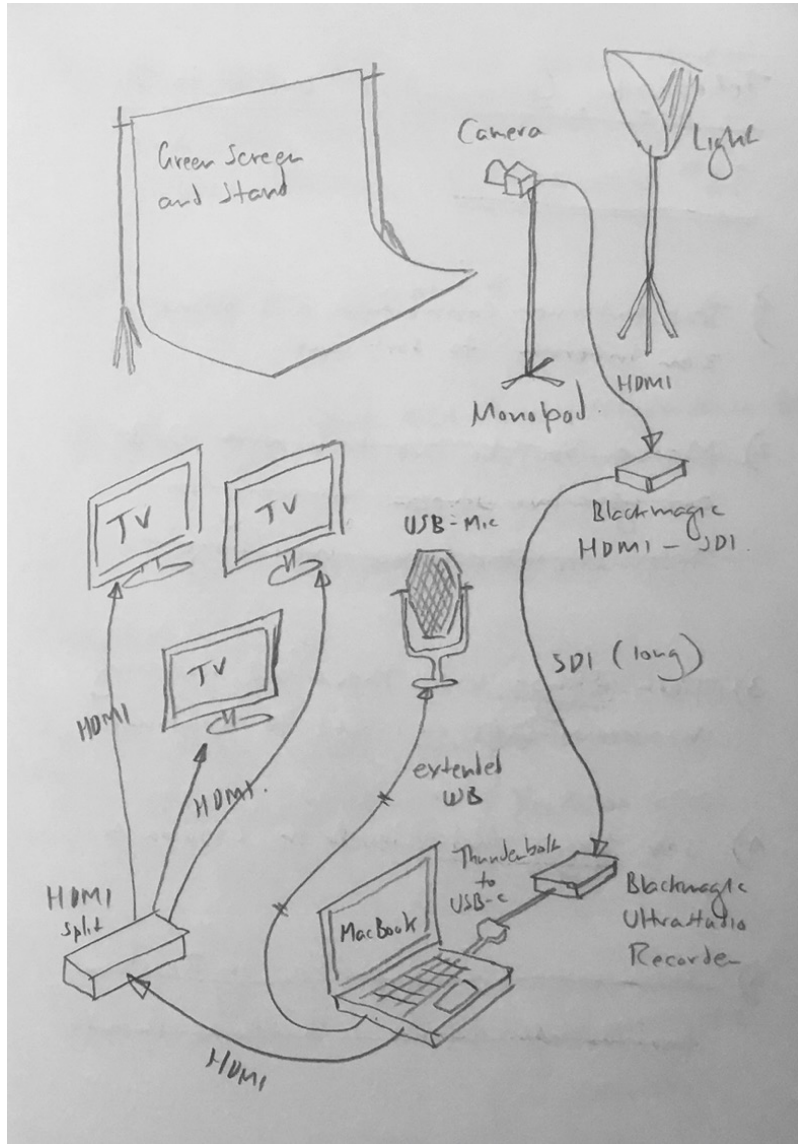
Telematic Quarantine

Telepresent stories of self [isolation]

A live telematic video performance, 7th November 2020

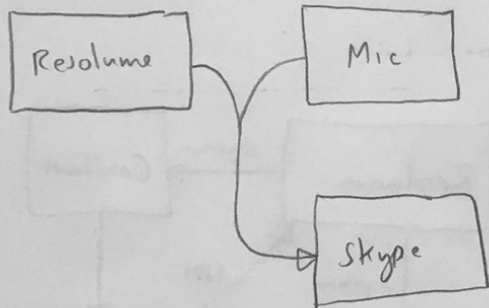
In this new telematic commission for the International Limestone Coast Video Art Festival I will connect with audience participants at The Riddoch Arts & Cultural Centre and other remote artists, bringing them into my home in an uncanny telepresent encounter. Together we will share a space to perform, play and improvise, telling our stories of self-isolation in a new found telematic intimacy that breaks free from the constraints of our video chat windows we have become accustomed to. Telematic Quarantine is a layered video environment and experience of domesticity, fantasy and dream in COVID times. Streaming on YouTube Live, on Saturday 7th November 2020, 7.30am to 10.00am GMT / 6.00pm to 8.30pm ACDT.



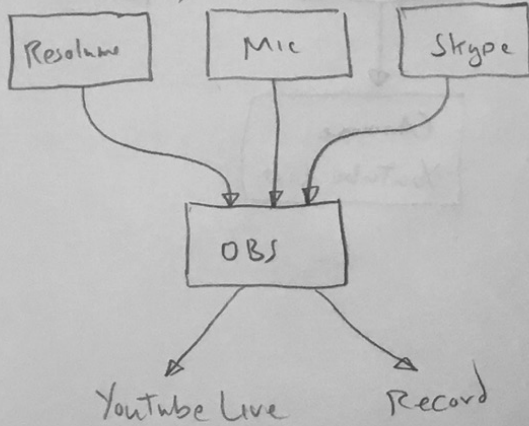


Audio

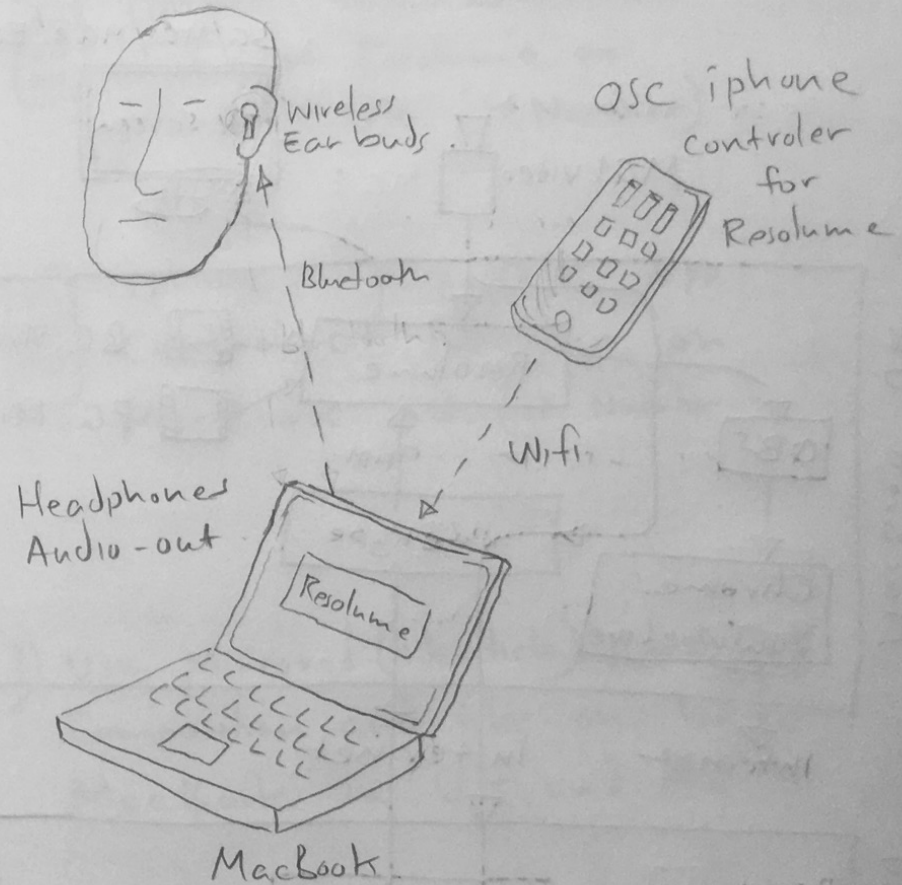
(Coopback Avenue + Mic)



(Coopback Avenue) (Mic) (Coopback Skype)



Control and Monitor

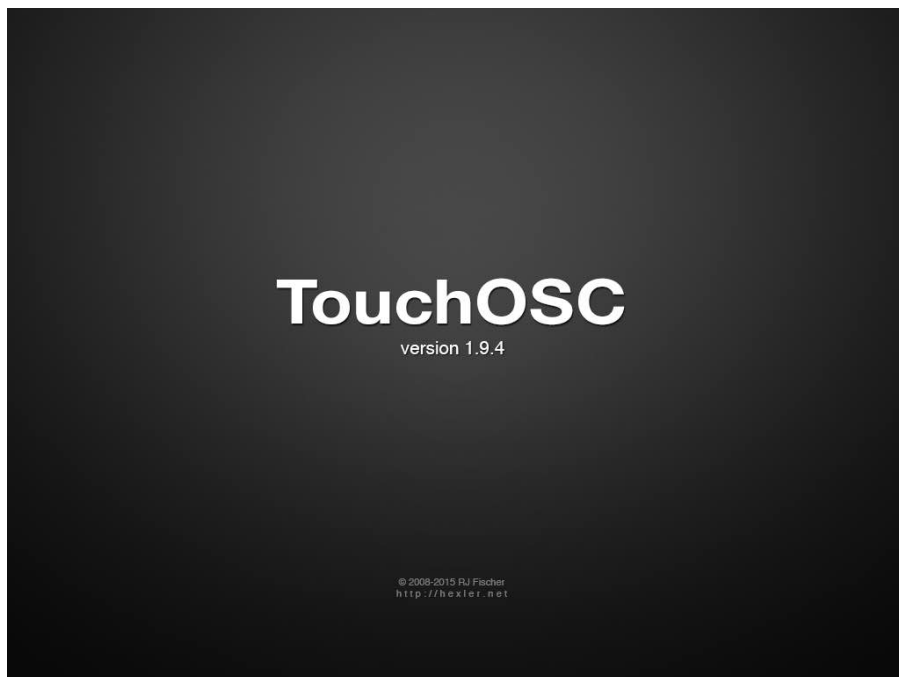




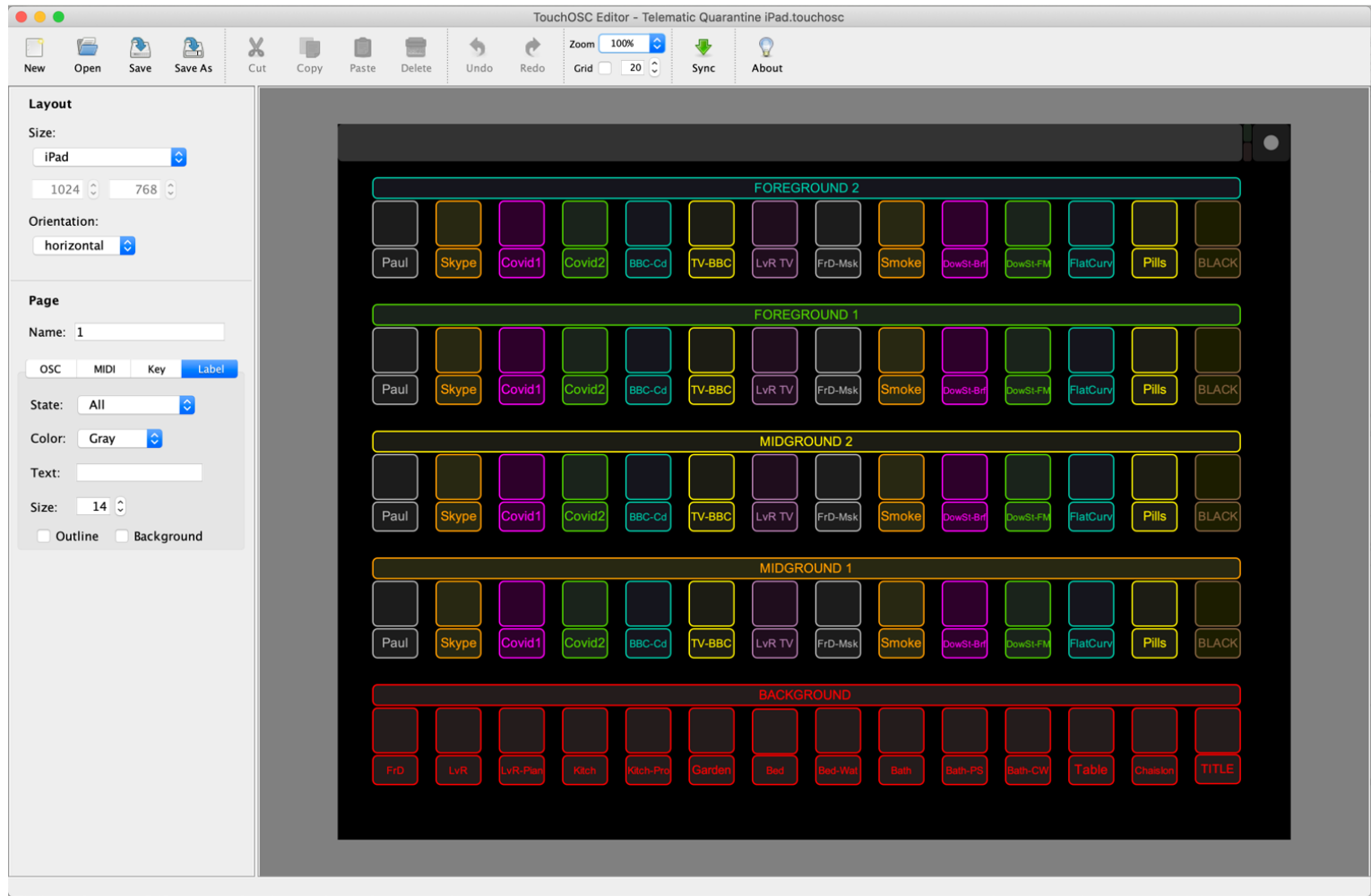
The screenshot displays the Loopback 2 application interface, which is divided into several sections:

- Devices:** A vertical sidebar on the left containing three devices: 'Combined Audio Calls' (with a sub-label 'FaceTime, Skype'), 'Loopback Audio', and 'QuickTime mic' (with a sub-label 'QuickTime Player'). Each device has a volume slider and a mute icon.
- Sources:** A central panel titled 'Combined Audio Calls' with a sub-label '2 Apps, Pass-Thru'. It contains three source blocks: 'FaceTime' (On), 'Skype' (On), and 'Pass-Thru' (Off). Each block has two channels (1 (L) and 2 (R)) with volume sliders and a 'Mute when capturing' checkbox.
- Output Channels:** A panel titled 'Channels 1 & 2' with a sub-label '2 Channels'. It contains two output channels (Channel 1 (L) and Channel 2 (R)) with volume sliders. Blue lines connect the source channels to these output channels.
- Monitors:** A panel titled 'Rode Podcaster' (On) with a sub-label '1 Device'. It contains two monitor channels (Channel 1 (L) and Channel 2 (R)) with volume sliders. Blue lines connect the output channels to these monitor channels.

At the bottom of the interface, there is a 'New Virtual Device' button on the left and a 'Hide Monitors' button on the right.

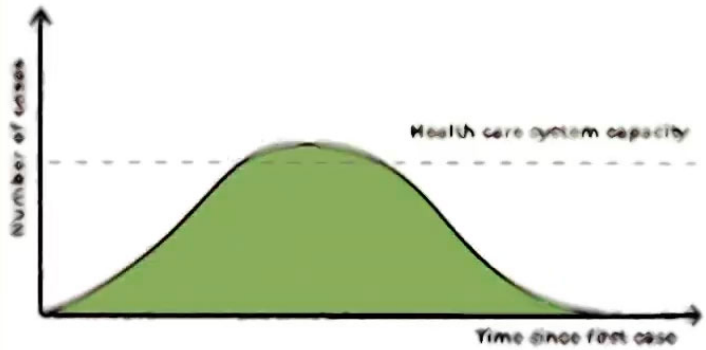


OSC software TouchOSC is a modular open sound control and MIDI control surface for iPad which supports the sending and receiving of both Open Sound Control messages and MIDI messages. These messages are sent wirelessly using your home local network





Flatten the curve





STAY HOME, PROTECT THE NNS, SAVE LIVES

CONTROL THE VIRUS

PROTECT THE NNS

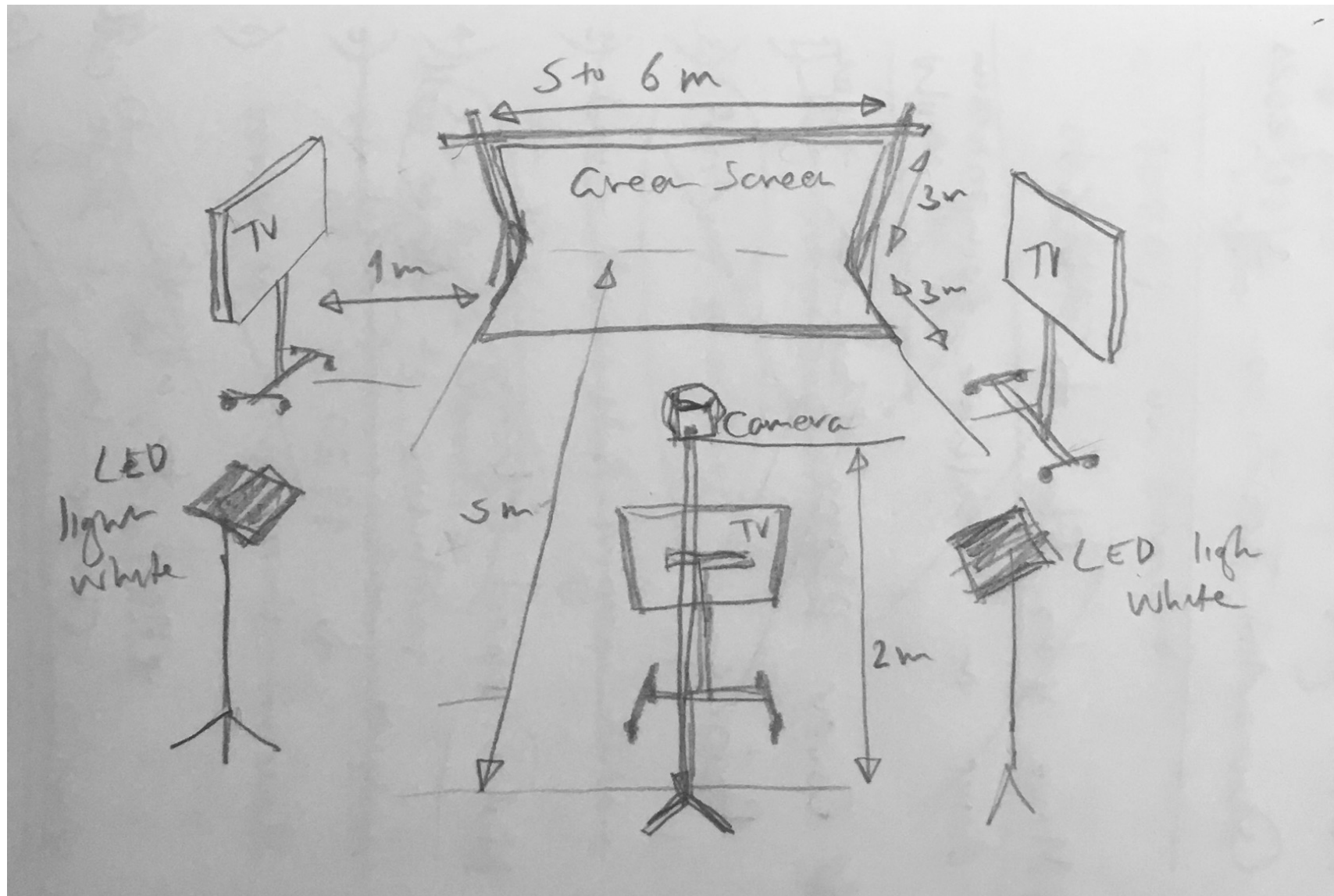
CONTROL THE VIRUS

CONTROL THE VIRUS

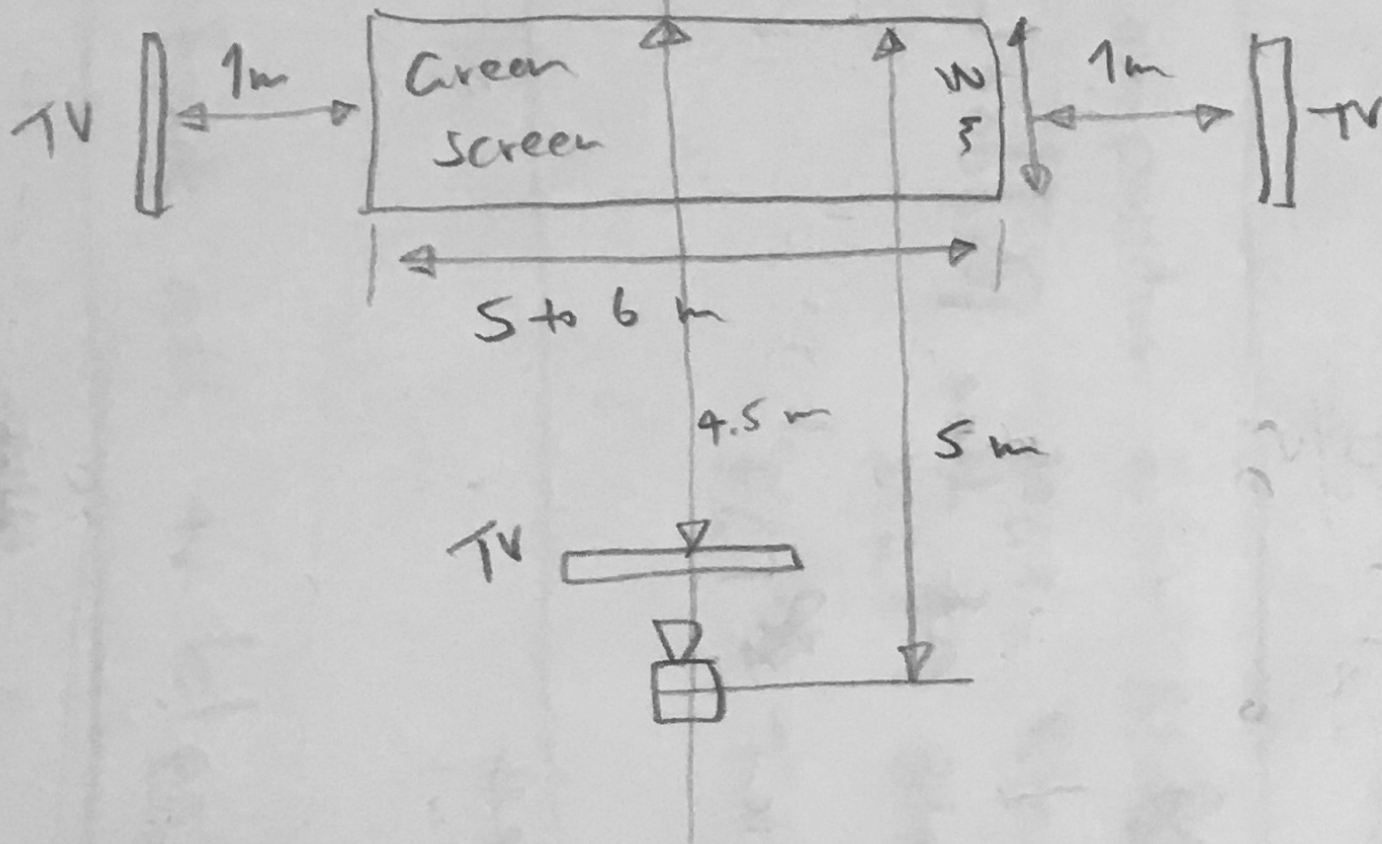








Centre.



Telematic Quarantine - telepresent stories of self [isolation]

By Paul Sermon

A live telematic video performance streaming on YouTube Live, on Saturday 7th November 2020, 7.30am to 10.00am GMT / 6.00pm to 8.30pm ACDT.

In this new telematic commission for the International Limestone Coast Video Art Festival I will connect with audience participants at The Riddoch Arts & Cultural Centre and other remote artists, bringing them into my home in an uncanny telepresent encounter. Together we will share a space to perform, play and improvise, telling our stories of self-isolation in a new found telematic intimacy that breaks free from the constraints of our video chat windows we have become accustomed to. Telematic Quarantine is a layered video environment and experience of domesticity, fantasy and dream in COVID times.

This is an invitation to participate...

All you need to do is call me on Skype (Skype Name: paulsermon). To help you prepare, I have provided three options in this document for your setup using Skype, from the most basic to a more advanced green-screen studio setup. But please feel free to combine these options.

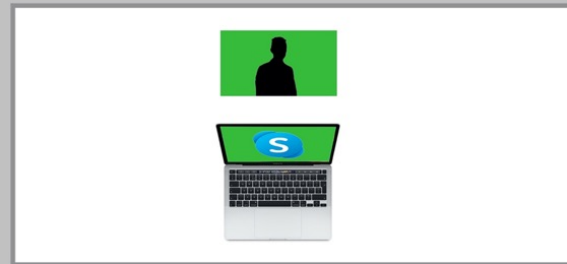
- Option 1: Basic Setup
- Option 2: Intermediate Setup
- Option 3: Advanced Setup

Please contact me for more information:

Contact: p.sermon@brighton.ac.uk
Skype Name: paulsermon

Paul Sermon is a telematic video artists and professor of visual communication at the University of Brighton in the UK. <http://www.paulsermon.org>

Option 1: Basic Setup

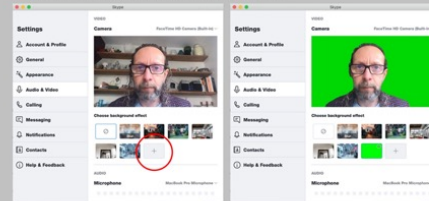


Equipment:

- Laptop or desktop computer with built-in webcam.
- Skype, version 8.64.0.80 or later.
- Internet connection, WiFi or Ethernet.

Method: Use Skype with virtual green-screen background.

- Download a virtual green-screen background here: <http://www.paulsermon.org/quarantine/>
- Open Skype and go into 'Audio & Video Settings'.
- Add (+) your virtual green-screen background:



- Call me, my Skype Name is: paulsermon

Suggestions:

- Make sure your light source, daylight (window) or artificial is in front of you, not behind.
- Try and have a neutral plain wall behind you.
- Use wireless earbuds or headphones if possible.
- Move back from the built-in camera (computer) as far as possible to get as much of your full body in the image as possible, whilst still being able to see the computer screen in front of you.
- Use a wired Ethernet connection instead of WiFi for better bandwidth if you can.
- Have some spare green-screen fabric handy for playing with.

Option 2: Intermediate Setup



Equipment:

- Laptop computer with built-in webcam.
- Skype, version 8.64.0.80 or later.
- Video screen, preferably 40" minimum, on a stand/plinth.
- Green-screen backdrop and stand, anything up to 6 metres wide.
- Video light/s, fluorescent or LED.
- Internet connection, WiFi or Ethernet.

Setup:

- Set up the green-screen up to 2.5 metres high and as wide as possible, leaving some of the screen covering the floor, preferably 2 metres deep (floor), or as near as possible.
- Make sure the green screen is flat, no wrinkles and has a smooth curve between the wall and floor.
- Position the Laptop computer with built-in webcam on a plinth or stool, as high and as far from the green-screen as possible to get a full body in the centre of the image, completely surrounded in green.
- The built-in webcam will need to be tilted downward a little, creating an oblique full view of the body.
- Position the video screen directly in front of the green-screen, as close to eye level as possible, without obstructing the view of the camera, keeping it out of shot.
- Position the video light/s next to the camera to get an even spread of light across the green-screen.
- Connect the laptop HDMI video output to the video screen input using an HDMI cable.

Method: Use Skype with green-screen studio set up.

- Open Skype.
- Call me, my Skype Name is: paulsermon

Suggestions:

- Use wireless earbuds or headphones if possible.
- Use a wired Ethernet connection instead of WiFi for better bandwidth if you can.
- Have some spare green-screen fabric handy for playing with.

Option 3: Advanced setup



Equipment:

- Laptop or desktop computer.
- Skype, version 8.59.0.77 (this is the only version that allows a remote camera input).
- 3 x Video screen, preferably 40" minimum, on stands/plinths.
- Video camera, preferably HD with HDMI output or HD Webcam, on a 2-metre-tall tripod or monopod.
- Video capture device, such as the Blackmagic Design Mini Recorder for video camera input.
- HDMI splitter, 1 input to 3 outputs.
- Green-screen backdrop and stand, preferably 6 metres wide.
- 2 x Video light, florescent or LED.
- Internet connection, WiFi or Ethernet.

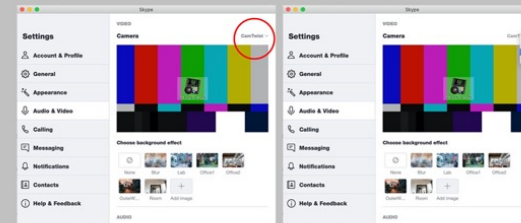
Setup:

- Set up the green-screen, 6 metres wide, 2.5 metres high, 2 meters deep (floor), or as near as possible.
- Make sure the green screen is flat, no wrinkles and has a smooth curve between the wall and floor.
- Position the camera 2 metres high, as far from green-screen as possible to get a full body view in the centre of the image, completely surrounded in green (approx. 4 metres from the green-screen wall).
- The camera will need to be tilted downward a little, creating an oblique full view of the body.
- Position video screens on both sides of the green-screen at eye level facing inwards, out of shot.
- Position a video screen directly in front of the green-screen below the camera at eye level, out of shot.
- Position the video lights on either side of the camera to get an even spread of light across the green.
- Connect the camera to computer via video capture device, using HDMI cables and USB-C or Thunderbolt adaptors as required by your computer, capture device and camera, or use an HD Webcam.
- Connect the computer HDMI video output to the input on the HDMI splitter, and connect HDMI outputs from splitter to the three video screens using HDMI cables.

Method: Use Skype with remote camera and green-screen studio set up.

- Download and install Skype version 8.59.0.77
For Mac : <https://skype.en.uptodown.com/mac/download/2214336>
For Windows: <https://skype.en.uptodown.com/windows/download/2215854>

- Open Skype and go into 'Audio & Video Settings'.
- Choose and select your remote camera input:



- Call me, my Skype Name is: **paulsermon**

Suggestions:

- Use wireless earbuds or headphones if possible.
- Use a wired Ethernet connection instead of WiFi for better bandwidth if you can.
- Have some spare green-screen fabric handy for playing with.



INTERNATIONAL
LIMESTONE COAST
VIDEO ART FESTIVAL

06:11:20-06:12:20

















