

Making Video Assets with Inkscape and Pitivi

Old PLUG video recordings had custom intro/closing video sequences.

I wanted to add the same to the new videos produced from BigBlueButton recordings.

I remembered the sequences looking pretty good, but...

PLUG 
Perth Linux Users Group
monthly talks



Lower resolution than I remembered 🙄

Only have final DV version of asset

720x576 at 25 frames per second

Only 720x432 after removing the letterboxing

A 1080p has almost 7 times as many pixels

Looks blurry when scaled to HD

Recreate asset in Inkscape

Set document to 1920x1080 in document properties

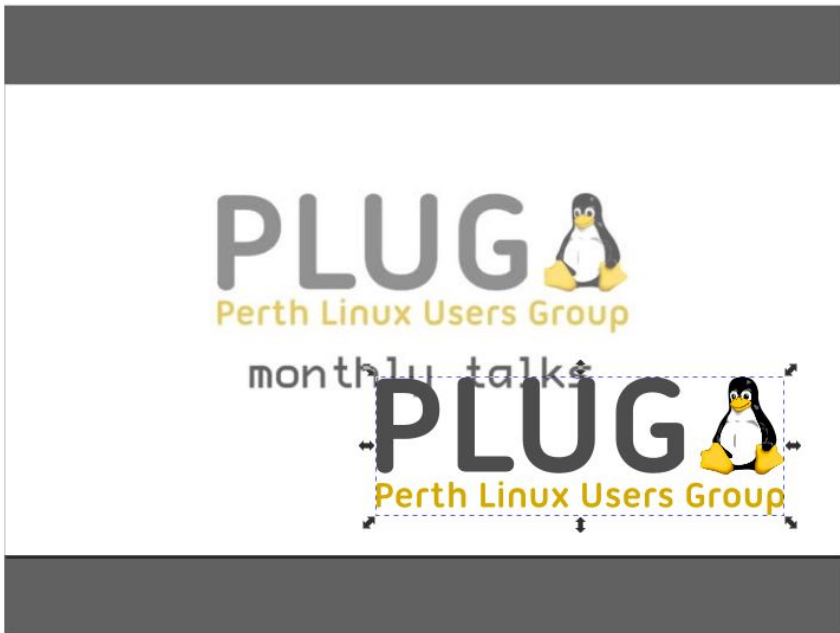
Import DV video frame, and resize to fill page

Lock layer, and create new unlocked layer above

Draw over old image to make scalable version

- Made easier with SVG version of PLUG logo
- Search some free font websites to identify fonts

Finally delete locked layer or set it invisible



Layers x

- New
- Old DV

Blend mode: Normal

Blur (%) 0.0

Opacity (%) 100.0



Recreate video in Pitivi

Import audio from DV, and add as layer to the project

Add Inkscape SVG as a second layer

Click timeline to add keyframes to video layer

- Adjust size and opacity at keyframes
- Properties smoothly animated between keyframes for zoom and fade effects

Undo

plug-intro — Pitivi

Render

Save



Media Library Effect Library

Import



Search...



Clip Transition

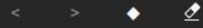
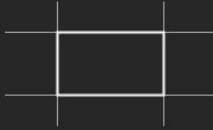
Transformation

X: -115 - +

Y: -65 - +

Width: 2151 - +

Height: 1210 - +



Effects

To apply an effect to the clip, drag it from the Effect Library or use the button below.

Add Effect



00:01.397



Zoom



00:00 |.500| 00:01 |.500| 00:02 |.500| 00:03 |.500| 00:04 |.500| 00:05 |.500|

Logo



Audio



Render to MP4

Click “render” in Pitivi to generate a crisp 1080p version of the asset

Everything is scalable, so could trivially render the same in 4K in future

Video project files saved to Git:

<https://github.com/plugorgau/video-assets>