1. Create a directory with images in nifti (\*.nii) format (\*.nii.gz files are also supported)
2. Run the cors\_webserver.py program in the neuroglancer github repository. It can also be downloaded directly from: <https://raw.githubusercontent.com/google/neuroglancer/master/cors_webserver.py>

Run it as: python ./cors\_webserver.py [-d <directory>] [-p <port>] [--bind <address>]

For example, if the images are in /my/directory, run it as:

python ./cors\_webserver.py -d /my/directory

By default, it listens on localhost (127.0.0.1) only on port 9000.

1. On chrome open the following URL

http://neuroglancer-demo.appspot.com

1. Specify the base channel file as source
   1. nifti://[http://127.0.0.1:9000/average\_template\_25.nii](http://127.0.0.1:8000/average_template_25.nii)
   2. This average template is a float 32, chick on the channel tab and divide getValue by 255.0 (decimal format)

***void main() {***

***emitGrayscale(toNormalized(getDataValue()/255.0));***

***}***

1. Add the segmentation layer as an additional channel
   1. nifti://[http://127.0.0.1:9000/annotation\_25\_2017summer.nii](http://127.0.0.1:8000/annotation_25_2017summer.nii)
   2. Change “\_'annotation\_25\_2017summer.nii':{'type':***'image***'\_'source':'” in the URL to \_'annotation\_25\_2017summer.nii':{'type':***segmentation***'\_'source':'
   3. Voila! should get the image below
   4. 