1) Qt if for making tool , not combining tool , Qt we have python package

2) [www.mrtrix.org](http://www.mrtrix.org) is good tool, and i guess that they are aiming for similar, mrtrix did not provide api so that we can ingrate in our system, and it build in c++ .

3) For this project we need high configuration, and Linux system

4) [www.nitrc.org](http://www.nitrc.org) i have install it a DICOM Viewer. As i mention it’s comes in package as exe . It have own UI .

5) <http://dsi-studio.labsolver.org/Manual> also comes in package with exe for windows os and has it own UI , DSI is for Tractography view .

6) 2d diagnostic dicom viewer is what i feels mostly available in package this view what i feels we have to look , since python package not available.( https://www.postdicom.com/en/blog/top-25-free-dicom-viewers)

7) volume data viewer api python (here we need to check also 3D, OR 5D)

Some of package available in python we can explore more in details

<https://github.com/imaging-tools/ivvv>

<https://github.com/maweigert/spimagine>

https://www.scripps.edu/sanner/python/pvv/index.html

8) tractography

For this we have python library

<https://dipy.org/>

9) eeg viewer

For this also couple of library available

<https://pyedflib.readthedocs.io/en/latest/>

<https://pyspace.github.io/pyspace/tutorials/tutorial_node_chain.html>

<https://mne.tools/dev/auto_tutorials/intro/plot_10_overview.html>

So my thought is for some viewer library is available.

Also it will good if they can give demo for viewer for that we can at least have feel that, since we don’t have domain knowledge

We need to break down requirement focus on one by one viewer.

Also packaging all open source tools in one there are couple of this we need to consider as this tool provide api , or something we can used in our system and language .

It will good we can get KT form them