

Brain Viewer Review

Current situation and the next steps

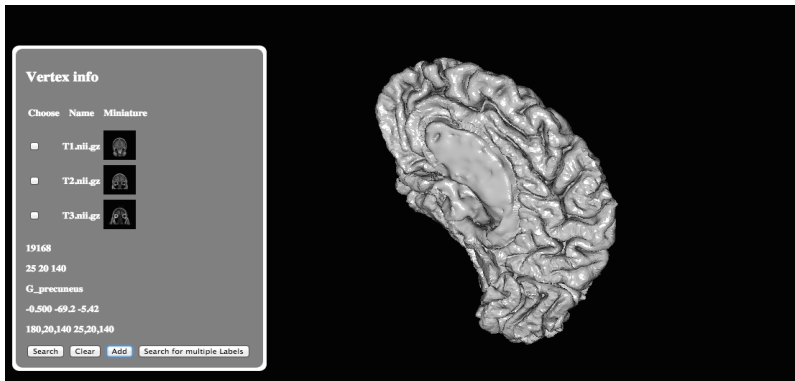
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October 3, 2014

What we can do

- Load brain model in .asc format using brainbrowser framework
- Click on a vertex and retrieve the relative region
- Select .nii file
- Check for multiple regions and perform the search on the selected .nii
- Display and save the slices in which the regions are present

What we can do



Interaction with the server

What we have on the server side

- Nifti files and their segmented parts
- We use the `aparc.annot.a2009s.ctab` file to retrieve the id foreach vertex according to freesurfer standards
- User libs to perform searches

The next steps

- Modify the code to use Angular and Hapi frameworks
- Adding AND - OR interrogations
- Modify slice deleting pixel that does not contain a given value
- Other interrogations types