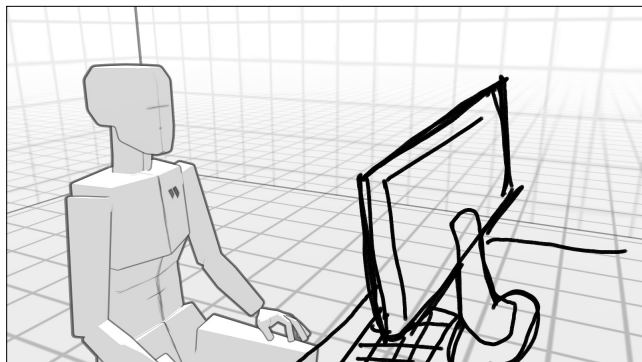


DEMO-STORYBOARD

Boards: 13 | Shots: 13 | Duration: 0:26 | Aspect Ratio: 16 : 9
DRAFT: FEBRUARY 13, 2019

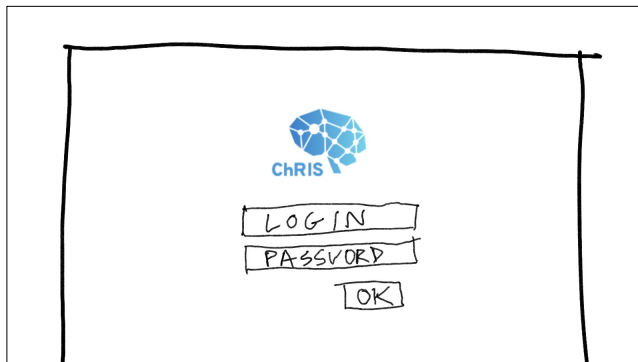
Page: 1 / 3

1A 0:00



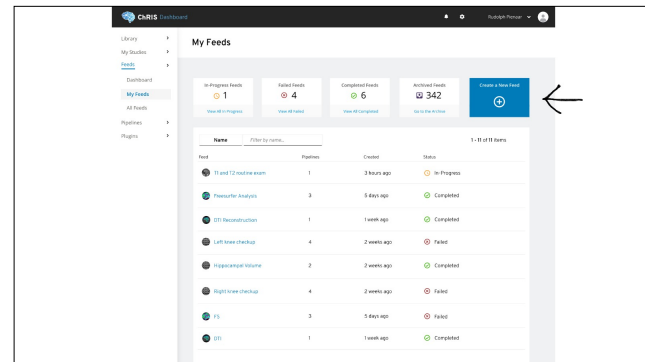
Let's start by performing a brain volume calculation in ChRIS.

2A 0:02



First, we'll log in. [TODO: need design for this]

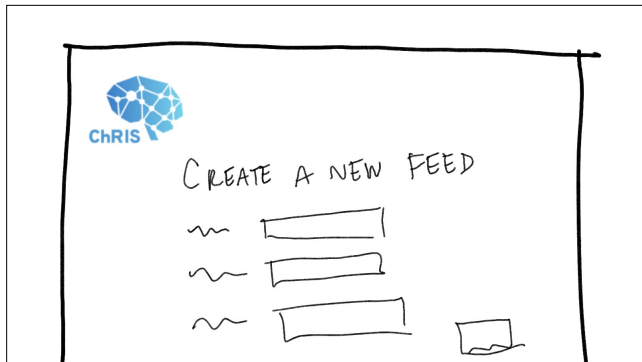
3A 0:04



This is a list of my feeds in the system. Feeds are working spaces where you can run plugins and pipelines of plugins on data and experiment.

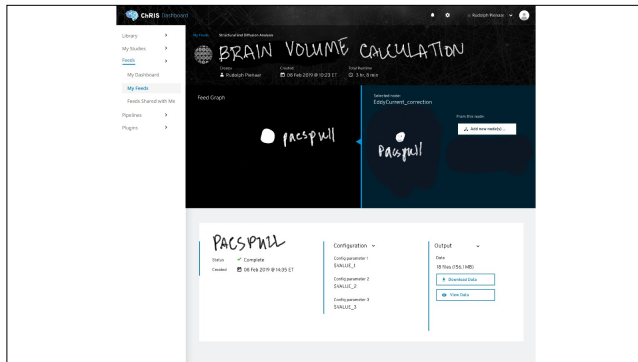
Let's create a new feed for our brain volume calculation.

4A 0:06



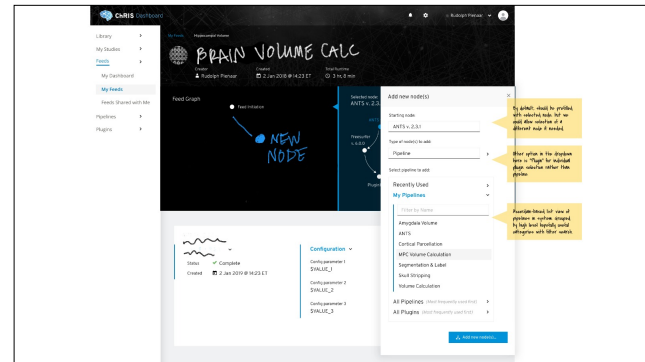
We'll create a new feed via this form. [TODO need design for this]

5A 0:08



We're going to start with this simple feed that pulls in data from the PACS, and build out the brain volume calculation by adding plugins to the feed.

6A 0:10

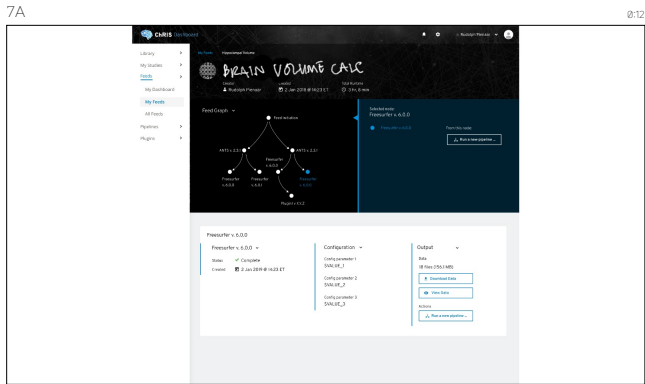


First I'll start by adding [\$1] node... (rinse & repeat, \$1 - \$N needed...)

DEMO-STORYBOARD

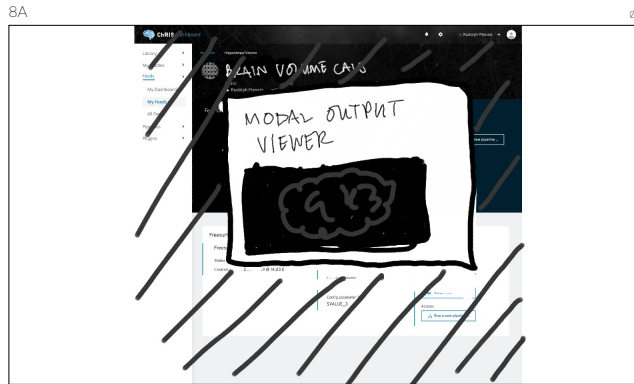
Boards: 13 | Shots: 13 | Duration: 0:26 | Aspect Ratio: 16 : 9
DRAFT: FEBRUARY 13, 2019

Page: 2 / 3

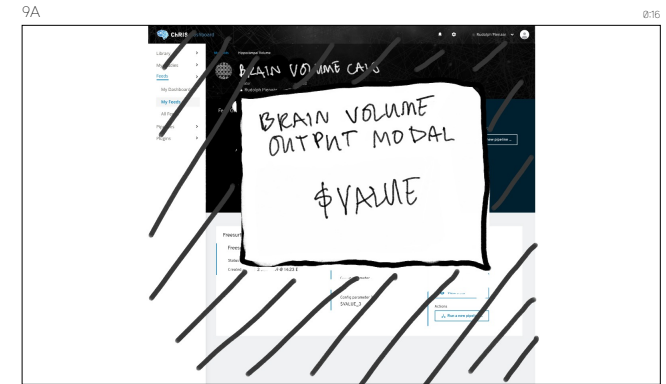


Now we've created a feed that will be able to provide us a brain volume calculation. Let's run it.

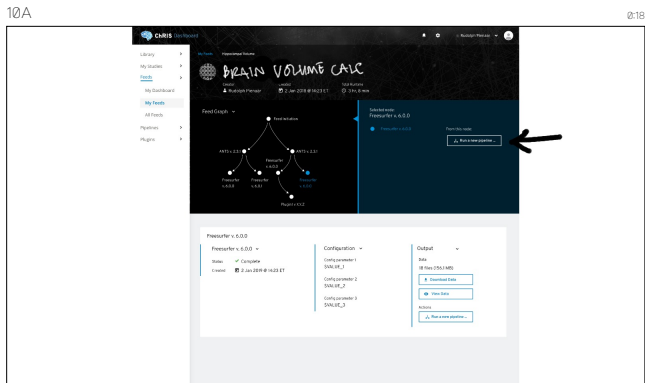
[Q: is there an explicit "run" button we need for feeds?]



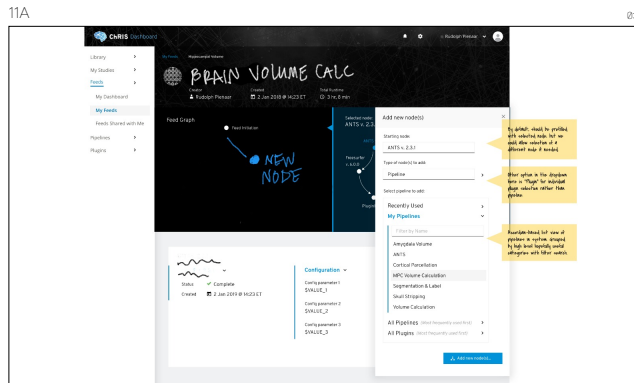
[Narrator clicks on 'output' button from one of the plugins to show the MRI viewer]



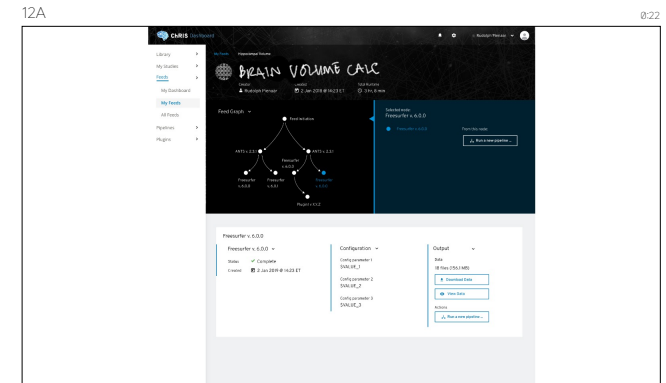
If I click on this last node, I'll get the value of the brain volume calculation that just completed.



Now we'll add a new plugin to this feed - the Multi-Party Compute (MPC) plugin. This will allow me to understand how the volume I just calculated fits within ranges calculated for data from multiple other medical institutions - while maintaining the privacy of those institutions' data.



[Clicks on add new nodes] Here's the MPC Volume calculation plugin.

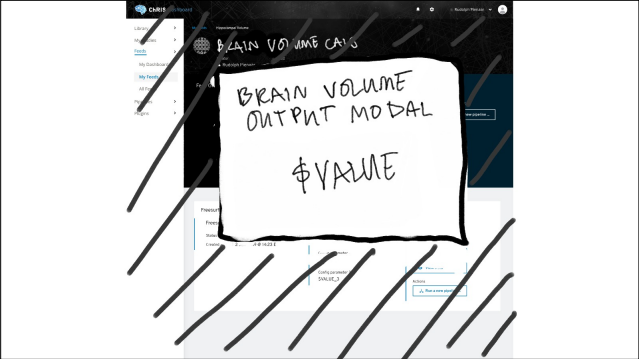


Now we'll run it and wait for the data to come back from the various institutions.

DEMO-STORYBOARD

Boards: 13 | Shots: 13 | Duration: 0:26 | Aspect Ratio: 16 : 9
DRAFT: FEBRUARY 13, 2019

13A 0:24



It's complete! We can click on output here to view the results.