## Plug Apollo into your workflow

https://toolshed.g2.bx.psu.edu/view/gga/suite\_apollo/



https://pypi.org/project/apollo/ @erasche @abretaud http://gonramp.wustl.edu/ @luke-c-sargent @Yating-L



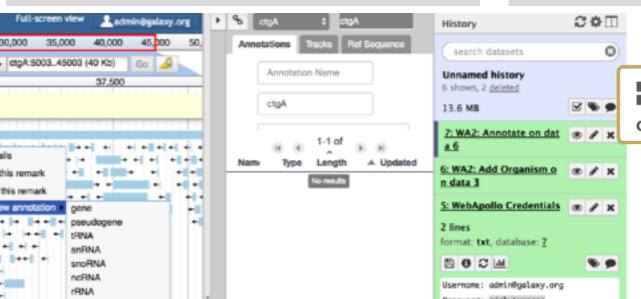


pip install pyarrow pip install apollo



```
$arrow groups create group university
$arrow users get users | \
   jq '.[] | select(.username | \
contains("@tamu.edu")) | .username' | \
   xargs -n1 arrow users add to group
university
```

```
from apollo import ApolloInstance
wa = ApolloInstance('https://fqdn/apollo',
 'jane.doe@fqdn.edu', 'password')
orgs = wa.organisms.add organism(
    "Yeast".
    "/path/to/jbrowse/data")
```





https://annotation.usegalaxy.eu/

## Track and Variant Services

