Jbrowse Project

1. Data comes in broken and needs to be assembled
   1. Assemble the Data
   2. In this particular case I will be testing between SPAdes, ABySS, Arapan-M, and Taipan
2. Subsequently, the data must be annotated in order to display useful data on JBrowse
   1. Annotate the data
   2. I will be using either Geneontology or Orione to annotate
3. After assembling and annotating the data, I will attempt to add said data into a JBrowse instance
   1. Add all the data into JBrowse
4. After successfully pulling this off for the first time, then I will assemble everything together into a Grunt file that will automate everything from assembling, to annotating, to uploading into JBrowse

Notes

Assemblers

1. ABySS

2. SPAdes

3. Arapan-M (or Arapan-S)

4. Taipan

Annotation Tools

1. <http://geneontology.org/page/annotation-tools-downloads-and-beyond>

2. Orione <https://orione.crs4.it/>