

1) Big Picture Choices for running Galaxy:
<http://wiki.g2.bx.psu.edu/Big%20Picture/Choices>

2) Get Galaxy
<http://wiki.galaxyproject.org/Admin/Get%20Galaxy>

3) Administrator set up
<http://wiki.galaxyproject.org/Admin/Interface>
<http://wiki.galaxyproject.org/Admin/NGS%20Local%20Setup>

4) CloudMap relies on the following tools that you will need to download (not included in the main distribution install):

CloudMap – (Python scripts downloadable from Galaxy toolshed:
<http://toolshed.g2.bx.psu.edu>):

`snp_mapping_using_wgs`, `cloudmap_variant_discovery_mapping`,
`ems_variant_density_mapping`, `cloudmap_in_silico_complementation`,
`check_snpeff_candidates`, `bcftools_view`

FastQC: <http://www.bioinformatics.babraham.ac.uk/projects/fastqc/>

Samtools: <http://samtools.sourceforge.net/>

BWA: <http://bio-bwa.sourceforge.net/>

BEDTools: <https://code.google.com/p/bedtools/>

GATK: <http://www.broadinstitute.org/gatk/>

Picard: <http://picard.sourceforge.net/>

R: <http://www.r-project.org/>

rpy: <http://rpy.sourceforge.net/>

snpEff: <http://snpeff.sourceforge.net/SnpEff.html>

snpSift: <http://snpeff.sourceforge.net/SnpSift.html>

You will also need to download Galaxy XML definition files (the forms for the tools in the Galaxy interface) for the above tools from the Galaxy toolshed (not included in the main distribution install):

<http://toolshed.g2.bx.psu.edu>

5) Many Galaxy tools have dependencies that are described here:
<http://wiki.galaxyproject.org/Admin/Tools/Tool%20Dependencies>

6) Using Galaxy on Amazon (screencast):
<http://screencast.g2.bx.psu.edu/cloud/>

Running Galaxy using Elastic Compute Cloud (EC2):
<http://wiki.galaxyproject.org/CloudMan>

7) Learn about basic Galaxy operations:
<http://wiki.galaxyproject.org/Learn/Screencasts>
<http://wiki.galaxyproject.org/Learn>

8) Galaxy support:
<http://wiki.galaxyproject.org/Support>