MiGA – Installation Guide

In order to install MiGA you follow this instruction carefully.. This guide is very analytic so will not experience any problem!

1.REQUIRED TOOLS:

You need to download the following:

- ✓ Most recent version for Active Perl (http://www.activestate.com/activeperl/downloads)
- ✓ Mysql (http://dev.mysql.com/downloads/)
- ✓ Java (http://www.oracle.com/technetwork/java/javase/downloads/jdk-6u25-download-346242.html) or more recent version.

2. Perl Installation

After downloading the ActivePerl installer, follow the installation steps until finish.

Then do the following:

1. Open Perl Package Manager.
2. Go to Edit >> Preferences and choose the Repositories tab.
3. Add the following in the given order:
   a. Name: BioPerl-Regular Releases, location: http://bioperl.org/DIST
   b. Name: BioPerl-Release Candidates, location: http://bioperl.org/DIST/RC
   c. Name: Kobes, location: http://cpan.uwinnipeg.ca/PPMPackages/10xx/
   d. Name: Bribes, location: http://www.Bribes.org/perl/ppm
   e. Name: Trouchelle, location: http://trouchelle.com/ppm10
   f. Name: tcool, location: http://ppm.tcool.org/archives/

4. Choose View >> All Packages.
5. In the search box, type **bioperl** and then right click and install the following packages:
   a. BioPerl
   b. BioPerl-DB
   c. BioPerl-Network
   d. BioPerl-Run
   e. mGen

6. Type **mysql** and then right click and install the following packages:
   a. DBD-mysql

7. Choose the green arrow, right to the search box, to complete the installation of the chosen packages and close Perl Package Manager.

3.<u>Database Installation</u>

Download and install MySQL following installation default steps. After that, open MySQL Workbench. In the window opened, choose "Open Connection to Start Querying" and fill in with the following:

1. Hostname: **127.0.0.1**   Port: **3306**
2. Username: **root**
   And choose **OK.**

Afterwards, type the password you gave during installation and choose OK.

In the new window, choose File >> Open SQL script and choose the file lobid.sql from the MiGA's folder. The code will appear in the text field at the centre of the window. Now, choose the lighting bold icon (Execute) and close MySQL Workbench as soon as the execution is finished.

You are now ready to start MiGA!

To start MiGA, double click on the MiGA.jar icon in the installation folder!