

For our project, we decided on the Epidemiological Modeler because we found it to be very interesting and of high importance to test. The spread of diseases and public health are two very important subject matters and areas of inquiry. The application is created using Maven and is hosted on SVN repositories. The purpose of the application is to allow users to create scenarios that model the spread of disease in order to better visualize and analyze these models.

We had some difficulties retrieving the source code. The links provided to browse the repository online failed to work and we were only able to retrieve the code using the eclipse import functionality using the url. The Eclipse STEM website has meticulous instructions on how to run the application; however, they are dated and no longer completely reliable. For instance, the directions wanted us to install two different plugins, one of which was not available to download in Eclipse. We found a similarly named plugin and installed that one instead, hoping that it would work. After very carefully following the directions, the application failed to run on Linux and gave a great deal of error messages. The program would begin to load, but very quickly shut itself down. The application did run on Windows with no error after completion of the directions.

In order to run STEM following their directions, the user has to run a *.product file that we believe to be unique to Eclipse. We were unable to build or run the application using Maven on the command line or in Eclipse and when attempting to do so were only greeted with error messages. One recurring error message told us that we were missing a dependency that we have been unable to resolve. In order to possibly resolve some of these issues, we emailed the entire STEM development team asking for help, specifically with running STEM on Linux and with running the included test cases. We have yet to hear back from them.