

Part 1. The Tutorial

Write a tutorial on the installation of an RDMS system that uses the MetaBean, attached to this document. The RDMS system may not be based in any microsoft product (since I already cover that in detail). The tutorial requires a two or three page summary of how to install the software and use it. You may devise your own database, or use the one in the course book. The tutorial should be brief (the shorter the better) but complete. Explain the procedure as if you were speaking to a friend. Use screen shots of the computer screen, as needed.

Please pay attention to your writing. Elementary writing errors blemish a document and can detract from your score.

Part 2; The Example

A demonstration of the use of the MetaBean should be given for whatever product you select. The selection of the product will be a function of the platform you are on. For example, you might like to select mysql from <http://www.mysql.com/> or you could select from any number of other RDMS's...

Part 3; The Interface

After you write your tutorial, write a program that uses the MetaBean and gives you a Swing Table viewer that permits you to show data in the RDMS and enter data into the RDMS. You may focus on String data. Your program should be able to add rows and columns to a table, as well as add and rename tables. It should also be able to select new tables and even new data set names.

In your swing interface, use the command pattern (i.e., inner classes) to implement the actions on your components.

For example,

```
add ( new RunnableButton("ok") {  
    public void run() {  
        ok();  
    }  
});
```

If you are using menuItems, don't forget the keyboard shortcuts.

Can you use Keyboard shortcuts for buttons?
(I never see these in Java, but it is possible, I think)...

