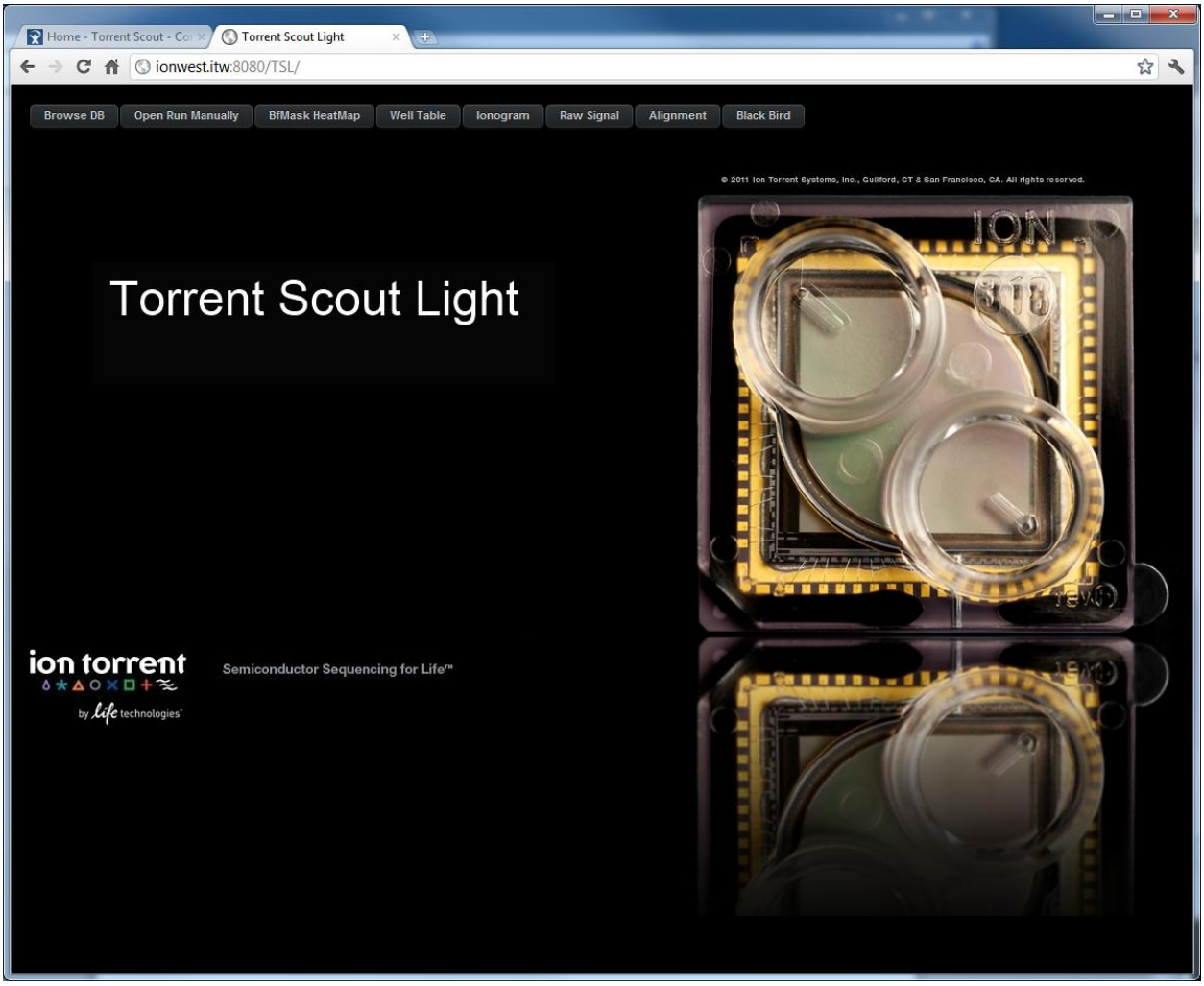
Torrent Scout Light



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Description

Torrent Scout Light is a pure web application written using Vaadin. The server side is written in Java and is the same code as used in the full Torrent Scout. Vaadin is a software framework that allows the developer to write 100% Java code, and then translates the gui for the web pages into Java Script, and uses the Google toolkit.

The goal of Torrent Scout Light is to provide quick access to data to get a first glance as to what the data looks like, with no installation overhead. As it is purely web based, the functionality is limited. To use the full functionality, you might want to try the full Torrent Scout client.

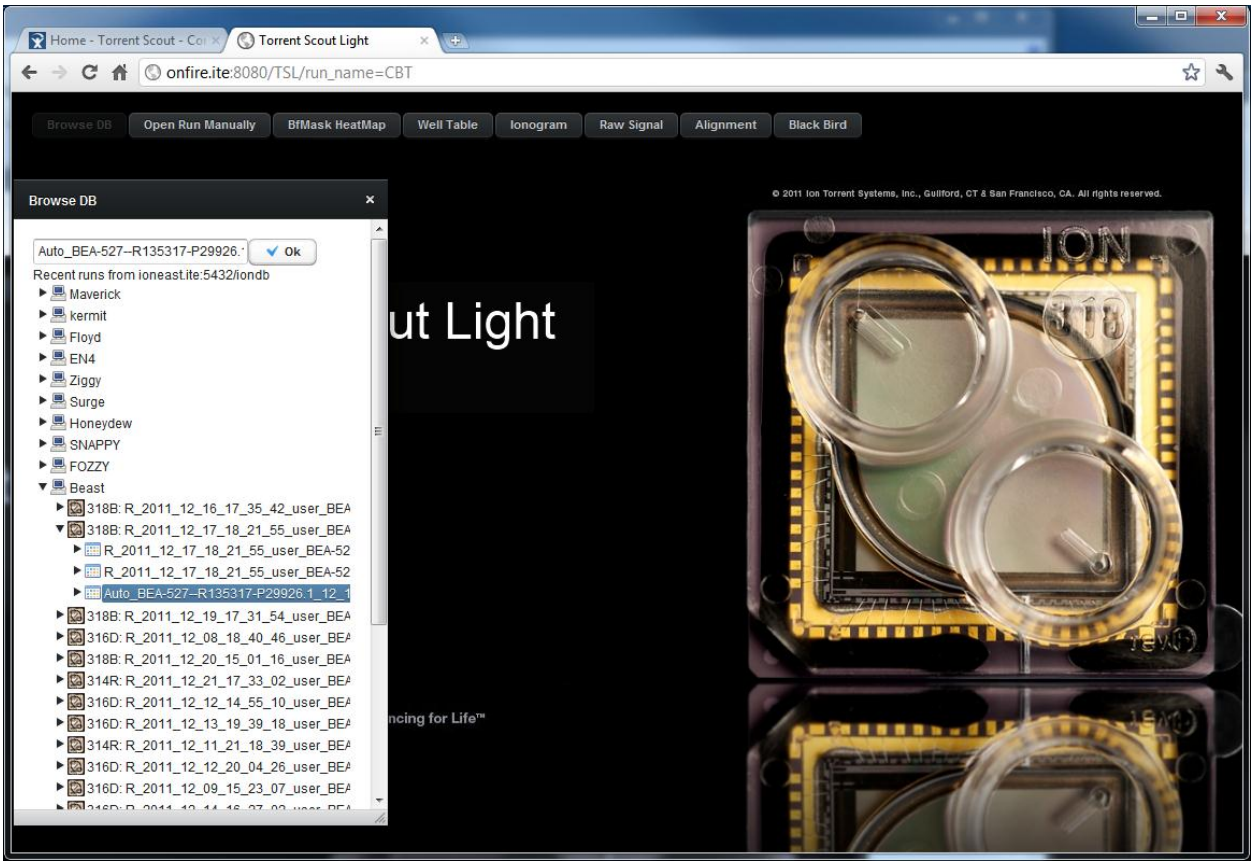
Starting

Just open a browser and type in the URL of your Torrent Server, followed by :8080/TSL. For instance:

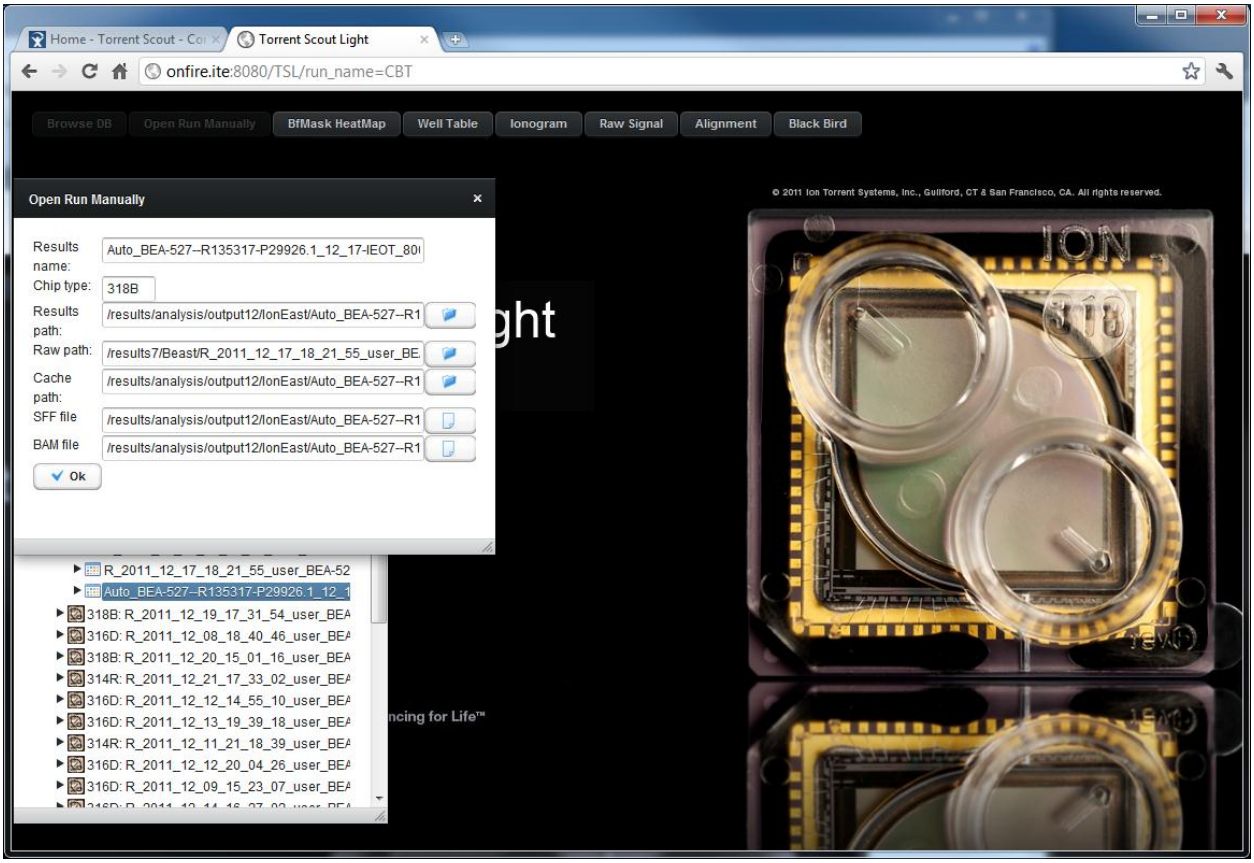
http://myserver.com:8080/TSL

Opening an Experiment

You can either select an experiment by browsing in the database. Open a PGM node, then an experiment node, and select an analysis result as shown in the image.



After you click OK (the button is on top), it will show you the paths it has found from the database and will show you the details.



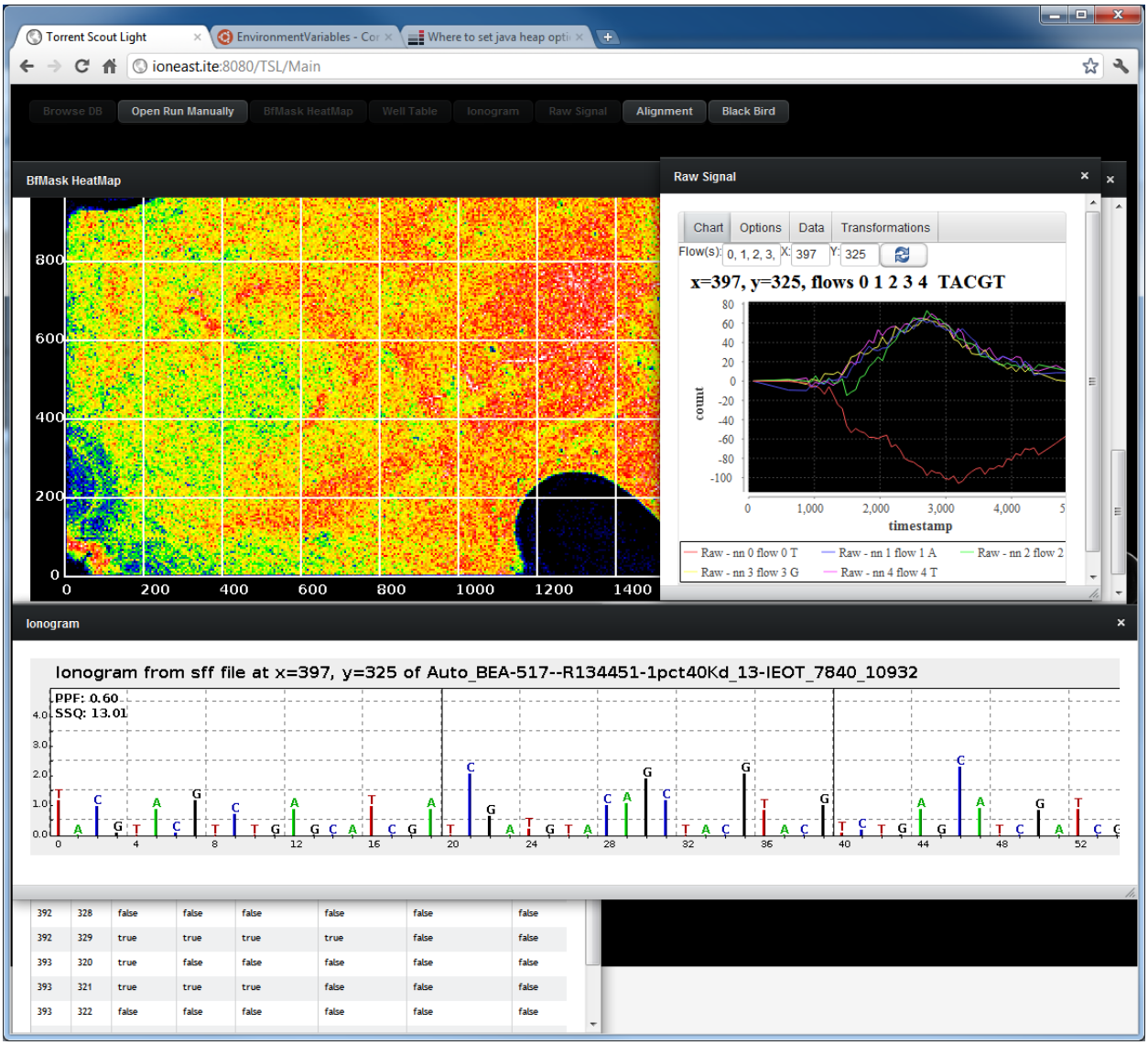
If the paths are not correct, you can change it here manually.

You can also open other experiments that way that are not in the database.

When you are done, click ok, and depending on what data it can find, it will open a few views.

If there is a bfmkask.bin file, it will load it and show a heat map of the live wells. You can click on the heat map and it will:

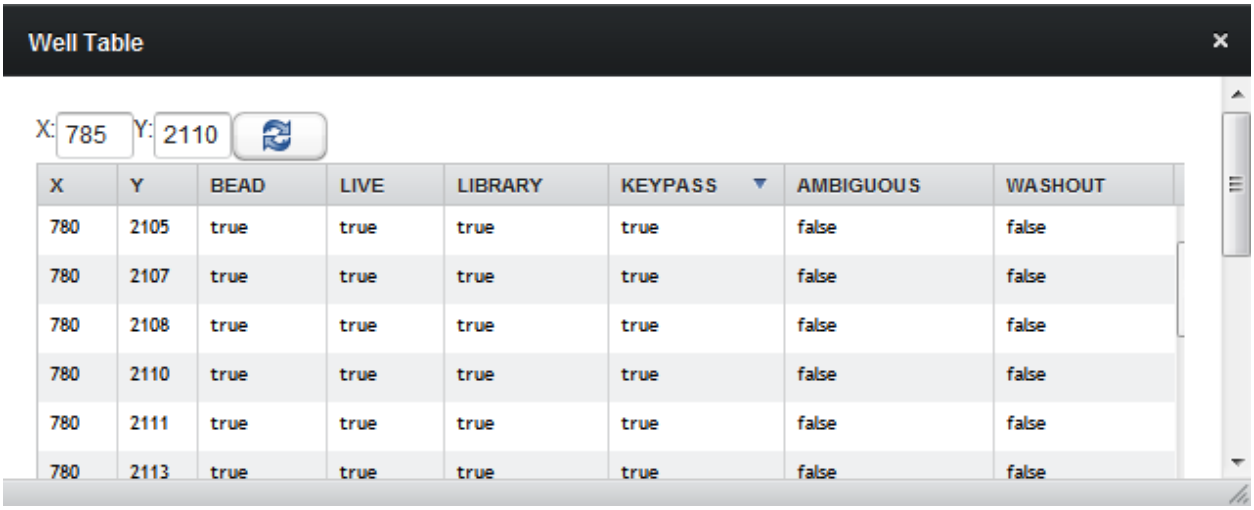
- Open the ionogram (if available)
- Open the raw data view (if the raw data file can be found)
- List this and surrounding wells in a table to allow better selection



Well Table

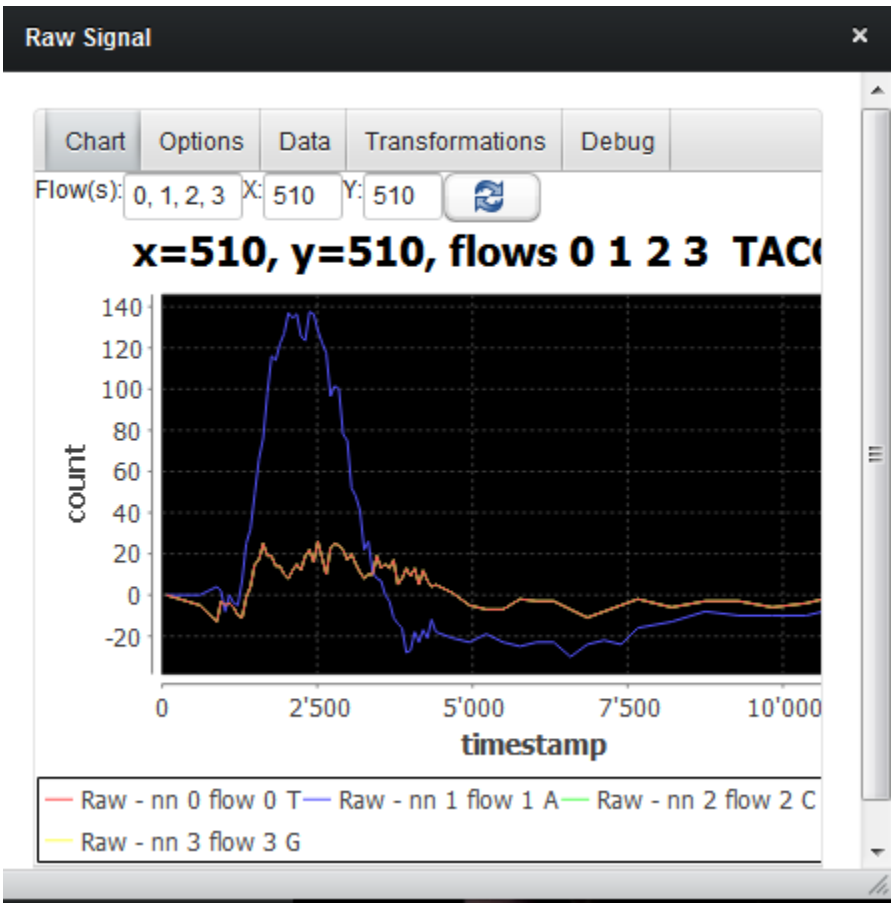
The well table shows a few thousand wells surrounding the currently selected well. It shows the flags live, library, keypass, ambiguous and washout. You can sort the table by clicking on the table header.

You can select a well by either clicking on a row, or by entering the coordinates on top.

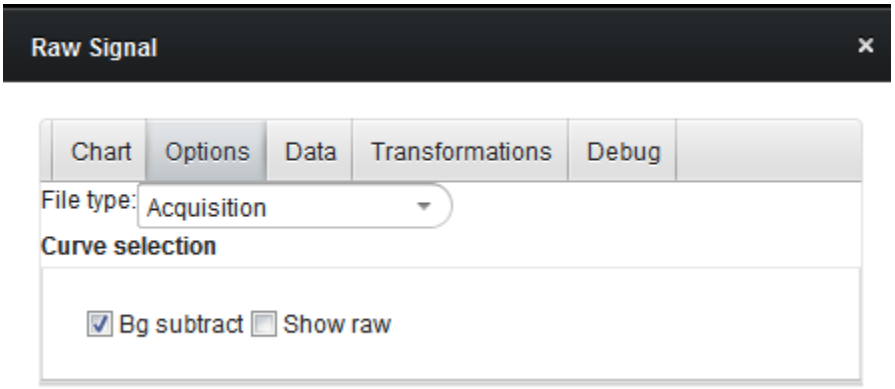


Raw Data View

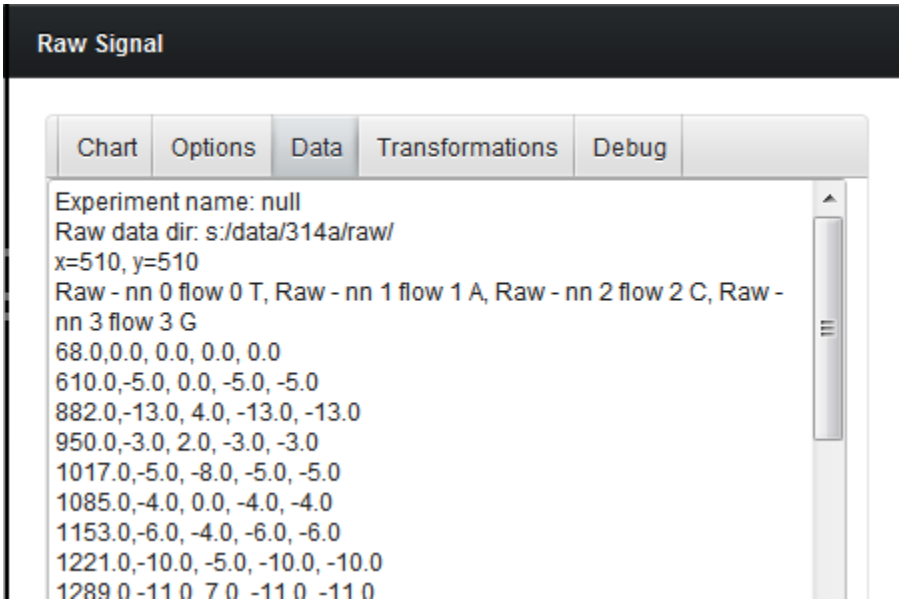
You can enter one of more flow numbers (separated by comma) into the flows text field. You can also enter a coordinate right there. Note that sometimes it takes time to load the raw data, in particular as this all goes to the torrent server first (which might be busy). For better performance and better response/interactivity, you might want to use the full Torrent Scout client.



In the options tab you can pick to view the raw data and/or the bg subtracted data and the file type. The bg subtraction simply subtracts the average signal of the surrounding wells that are considered empty.



The data tab shows the currently loaded data:



Troubleshooting

I can't move the scroll bar

To move a scroll bar of any windows, first activate it by clicking on the title bar

The application stopped working, and there is an error message saying "OutOfHeapSpace"

Since the application runs on the server, it can only handle 1-2 users at the same time as all the data is loaded in the server memory. You could increase the server memory (if your server has enough) by changing the setting in /etc/default/tomcat6 and restarting tomcat.