Compensation 2

Main class is Compensation2. It asks for the xml file which is the DiVa export file. The program **assumes** that the directory that contains the xml file will also contain the FCS files.

The DiVa export file is parsed. If there are no compensation controls, you are shown a dialog where the working directory and a compensation-properties file can be chosen. The dialog contains a table of detector names plus 3 empty columns: Reagent, Unstained compensation file, Stain compensation file. The list of FCS files in the directory are listed further to the right.

Two actions are available:

* Select a compensation-property file that will fill in the fields. The compensation-property file is a comma-separated values file. The first column is detector, the second is reagent, the third is unstained compensation control FCS file, the fourth is Stained compensation control FCS file;
* fill in the table by typing in the boxes and/or dragging and dropping the names of the fcs files to the appropriate detector. Click the Close button and the values are read in.

For testing purposes or for automation, set the value of the boolean NO\_UI to true in the file Compensation2.java. Search for the string NO\_UI and provide the appropriate parameters to the call to FCSFileDialog.java.

The stained and unstained controls are matched and the analyze algorithm continues.