

Chromatic Aberration Correction

December 11, 2017

1 Files

ChromCorr

Affine Transform.java
ChromCorr.java
Main.java
csvread.java
csvwrite.java

GUI

MainApp.java
MainAppFrame.java
RootLayout.fxml
RootLayoutController.java

2 Program Layout

ChromCorr is the main entry point to the plugin. Its run method is called when clicked and opens MainAppFrame.

MainAppFrame injects into ImageJ and initializes a JFXPanel. It is filled with MainApp.

MainApp gets content from RootLayout.fxml.

RootLayout.fxml contains all GUI components, the events from the components are handled by RootLayoutController.java

RootLayoutController redirects all calls to appropriate methods in Main.java

Main.java contains all methods and uses AffineTransform, csvread, and csvwrite.